

P series Model List

Combination Table..... A-4

A.1 CEILING CASSETTE (PLA)..... A-5

PLA-ZM35EA2	PLA-M35EA2	PLA-SM71EA
PLA-ZM50EA2	PLA-M50EA2	PLA-SM100EA
PLA-ZM60EA2	PLA-M60EA2	PLA-SM125EA
PLA-ZM71EA2	PLA-M71EA2	PLA-SM140EA
PLA-ZM100EA2	PLA-M100EA2	
PLA-ZM125EA2	PLA-M125EA2	
PLA-ZM140EA2	PLA-M140EA2	

A.2 WALL-MOUNTED (PKA) A-141

PKA-M35LA2	PKA-M60KA2
PKA-M35LAL2	PKA-M60KAL2
PKA-M50LA2	PKA-M71KA2
PKA-M50LAL2	PKA-M71KAL2
	PKA-M100KA2
	PKA-M100KAL2

A.3 CEILING SUSPENDED (PCA)..... A-175

PCA-M35KA2
PCA-M50KA2
PCA-M60KA2
PCA-M71KA2
PCA-M100KA2
PCA-M125KA2
PCA-M140KA2

A.4 CEILING SUSPENDED for Professional kitchens (PCA) A-239

PCA-M71HA2

A.5 FLOOR STANDING (PSA) A-251

PSA-M71KA
PSA-M100KA
PSA-M125KA
PSA-M140KA

A.6 CEILING-CONCEALED (PEAD/PEA) A-283

PEAD-M35JA2	PEAD-M100JAL2	PEAD-SM50JAL	PEAD-SM140JA
PEAD-M35JAL2	PEAD-M125JA2	PEAD-SM60JA	PEAD-SM140JAL
PEAD-M50JA2	PEAD-M125JAL2	PEAD-SM60JAL	PEA-M200LA
PEAD-M50JAL2	PEAD-M140JA2	PEAD-SM71JA	PEA-M250LA
PEAD-M60JA2	PEAD-M140JAL2	PEAD-SM71JAL	
PEAD-M60JAL2		PEAD-SM100JA	
PEAD-M71JA2	PEAD-SM35JA	PEAD-SM100JAL	
PEAD-M71JAL2	PEAD-SM35JAL	PEAD-SM125JA	
PEAD-M100JA2	PEAD-SM50JA	PEAD-SM125JAL	

A.7 REMOTE CONTROLLER AND TROUBLESHOOTINGA-425

A.8 OUTDOOR UNIT (PUHZ) A-443

< R32 type >

PUZ-ZM35VKA2
PUZ-ZM50VKA2
PUZ-ZM60VHA2
PUZ-ZM71VHA2
PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M100YKA2
PUZ-M125VKA2
PUZ-M125YKA2
PUZ-M140VKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

SUZ-SM35VA
SUZ-SM50VA
SUZ-SM60VA
SUZ-SM71VA

PUZ-SM100VKA
PUZ-SM100YKA
PUZ-SM125VKA
PUZ-SM125YKA
PUZ-SM140VKA
PUZ-SM140YKA

< R410A type >

PUHZ-SHW112VHA(-BS)
PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)
PUHZ-SHW230YKA2

PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2
PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2
PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3
PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

PUHZ-FRP71VHA2

PUHZ-P100VKA
PUHZ-P100YKA
PUHZ-P125VKA
PUHZ-P125YKA
PUHZ-P140VKA
PUHZ-P140YKA
PUHZ-P200YKA3
PUHZ-P250YKA3

SUZ-SA71VA3
SUZ-SA100VA2

PUHZ-SP100YKA
PUHZ-SP125YKA
PUHZ-SP125VKA
PUHZ-SP140VKA
PUHZ-SP140YKA

A.9 MULTI SYSTEMA-591

A.1 CEILING CASSETTE (PLA)

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A.1.1 SPECIFICATIONS

A.1.1.1 R32 type

1. Power Inverter SERIES

Model Name		Indoor Unit		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	
Refrigerant				R32				
Power Supply		Source		Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.97	0.85	0.77	0.72	
	Total Input	Rated	kW	0.705	1.106	1.452	1.651	
	EER			5.10	4.52	4.20	4.30	
	Annual Electricity Consumption		kWh/a	168	230	296	327	
	SEER			7.5	7.6	7.2	7.6	
	Energy efficiency class			A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.820	1.363	1.707	1.818	
COP			5.00	4.40	4.10	4.40		
Annual Electricity Consumption		kWh/a	744	1086	1339	1371		
SCOP			4.7	4.9	4.6	4.8		
Energy efficiency class			A++	A++	A++	A++		
Operating Current(max)		A	13.2	13.2	19.2	19.3		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03
	Operating Current(max)		A	0.21	0.22	0.22	0.34	
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>		kg	21 <5>	21 <5>	21 <5>	24 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36	
	Sound Level (PWL)	Cooling	dB(A)	51	54	54	57	
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight		kg	46	46	67	67	
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	
	Operating Current(max)		A	13	13	19	19	
	Breaker Size		A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	55	55	
		Max. Height	Out-In	m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM125EA2	
		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Refrigerant				R32				
Power Supply				Outdoor power supply				
Power Supply	Out	Source		V	230	400	230	400
		Phase		Single	Single	Three	Single	Three
		Hz		50	50	50	50	50
	In	V		—	—	—	—	—
		Phase		—	—	—	—	—
		Hz		—	—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.70	0.70	
	Total Input	Rated	kW	2.159	2.159	3.378	3.378	
	EER			4.40	4.40	3.70	3.70	
	Annual Electricity Consumption		kWh/a	431	442	589	599	
	SEER			7.7	7.5	7.4	7.2	
			Energy efficiency class	A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.604	2.604	3.674	3.674	
COP			4.30	4.30	3.81	3.81		
Annual Electricity Consumption		kWh/a	2271	2272	2760	2761		
SCOP			4.8	4.8	4.7	4.7		
		Energy efficiency class	A++	A++	A++	A++		
Operating Current(max)			A	20.5	8.5	27.0	9.5	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08	0.08 / 0.08
	Operating Current(max)			A	0.47	0.47	0.52	0.52
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-22-25-28	19-22-25-28	21-24-26-29	21-24-26-29
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-36-39-41	33-36-39-41
	Sound Level (PWL)	Cooling		dB(A)	61	61	62	62
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	100	100	100	100	
		Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM140EA2		PLA-ZM140EA2	
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2	
Refrigerant		R32					
Power Supply			Source	Outdoor power supply			
Out	V	230		400			
		Phase		Single		Three	
		Hz		50		50	
	In	V		-		-	
		Phase		-		-	
		Hz		-		-	
Cooling	Capacity	Rated	kW	13.4	13.4		
		Min.	kW	6.2	6.2		
		Max.	kW	15.0	15.0		
	SHF	Rated		0.70	0.70		
	Total Input	Rated	kW	3.722	3.722		
	EER			3.60	3.60		
	Annual Electricity Consumption		kWh/a	669	680		
	SEER			7.0	6.9		
			Energy efficiency class	A++	A++		
	Heating	Capacity	Rated	kW	16.0	16.0	
Min.			kW	5.7	5.7		
Max.			kW	18.0	18.0		
Total Input		Rated	kW	4.312	4.312		
COP			3.71	3.71			
Annual Electricity Consumption		kWh/a	3207	3208			
SCOP			4.6	4.6			
		Energy efficiency class	A++	A++			
Operating Current(max)			A	30.7	12.5		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	
		Operating Current(max)		A	0.66	0.66	
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
		Weight <Panel>		kg	26 <5>	26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	24-26-29-32	24-26-29-32		
	External Static Pressure		Pa	0	0		
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	36-39-42-44	36-39-42-44		
	Sound Level (PWL)	Cooling	dB(A)	65	65		
Outdoor Unit	Dimensions	H x W x D		mm	1338-1050-330(+40)	1338-1050-330(+40)	
		Weight		kg	105	118	
	Air Volume	Cooling	Rated	m³/min.	120	120	
		Heating	Rated	m³/min.	120	120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	
			Silent	dB(A)	47	47	
		Heating	Rated	dB(A)	52	52	
	Sound Level (PWL)	Cooling	dB(A)	70	70		
	Operating Current(max)		A	30	11.8		
	Breaker Size		A	40	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max.Length	Out-In	m	100	100		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
	Heating	Lower Limit.	°C	-20	-20		
		Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
Refrigerant		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	
Power Supply				R32				
Source				Outdoor power supply				
Out	V	Rated		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.91	0.77	0.79	0.74	
	Total Input	Rated	kW	0.751	1.175	1.523	1.716	
	EER			4.79	4.25	4.00	4.14	
	Annual Electricity Consumption		kWh/a	172	234	301	336	
	SEER			7.3	7.4	7.1	7.4	
	Energy efficiency class			A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.890	1.581	1.863	2.014	
COP			4.61	3.79	3.76	3.97		
Annual Electricity Consumption		kWh/a	798	1187	1422	1429		
SCOP			4.3	4.4	4.3	4.6		
Energy efficiency class			A+	A+	A+	A++		
Operating Current(max)			A	13.2	13.2	19.2	19.3	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03
	Operating Current(max)			A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	56
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	55	55
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name	Indoor Unit			PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	
	Outdoor Unit			PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Refrigerant				R32				
Power Supply				Outdoor power supply				
Power Supply	Out	Source		V	230	400	230	400
		Phase		Single	Single	Three	Single	Three
		Hz		50	50	50	50	50
	In	V		—	—	—	—	—
		Phase		—	—	—	—	—
		Hz		—	—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.209	2.209	3.396	3.396	
	EER			4.30	4.30	3.68	3.68	
	Annual Electricity Consumption		kWh/a	437	448	762	773	
	SEER			7.6	7.4	5.7	5.6	
	Energy efficiency class			A++	A++	A+	A+	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.685	2.685	3.773	3.773	
COP			4.17	4.17	3.71	3.71		
Annual Electricity Consumption		kWh/a	2496	2497	3290	3291		
SCOP			4.3	4.3	3.9	3.9		
Energy efficiency class			A+	A+	A	A		
Operating Current(max)			A	20.5	8.5	27.2	9.7	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10
	Operating Current(max)			A	0.46	0.46	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44
	Sound Level (PWL)	Cooling			61	61	65	65
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In		m	100	100	100	100
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-20	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2	
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2	
Refrigerant		R32					
Power Supply			Source	Outdoor power supply			
Out	V	230		400			
		Phase		Single		Three	
		Hz		50		50	
	In	V		-		-	
		Phase		-		-	
		Hz		-		-	
Cooling	Capacity	Rated	kW	13.4	13.4		
		Min.	kW	6.2	6.2		
		Max.	kW	15.0	15.0		
	SHF	Rated		0.70	0.70		
	Total Input	Rated	kW	3.746	3.746		
	EER			3.58	3.58		
	Annual Electricity Consumption		kWh/a	732	742		
	SEER			6.4	6.3		
			Energy efficiency class	A++	A++		
	Heating	Capacity	Rated	kW	16.0	16.0	
Min.			kW	5.7	5.7		
Max.			kW	18.0	18.0		
Total Input		Rated	kW	4.365	4.365		
COP			3.67	3.67			
Annual Electricity Consumption		kWh/a	3595	3596			
SCOP			4.1	4.1			
		Energy efficiency class	A+	A+			
Operating Current(max)			A	30.7	12.5		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)		A	0.66	0.66		
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>		kg	26 <5>	26 <5>		
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	24-26-29-32	24-26-29-32		
	External Static Pressure		Pa	0	0		
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	36-39-42-44	36-39-42-44		
	Sound Level (PWL)	Cooling	dB(A)	65	65		
Outdoor Unit	Dimensions	H x W x D		mm	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	105	118		
	Air Volume	Cooling	Rated	m ³ /min.	120	120	
		Heating	Rated	m ³ /min.	120	120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	
			Silent	dB(A)	47	47	
		Heating	Rated	dB(A)	52	52	
	Sound Level (PWL)	Cooling	dB(A)	70	70		
	Operating Current(max)		A	30	11.8		
	Breaker Size		A	40	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max.Length	Out-In	m	100	100		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
	Heating	Lower Limit.	°C	-20	-20		
		Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2.Standard Inverter SERIES

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V			—	—	—	—
			Phase		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	3.6	5.5	6.1	7.1	
		Min.	kW	0.8	1.2	1.6	2.2	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.91	0.77	0.79	0.74	
	Total Input	Rated	kW	0.900	1.617	1.848	1.918	
	EER			4.00	3.40	3.30	3.70	
	Annual Electricity Consumption		kWh/a	170	285	320	331	
	SEER			7.4	6.7	6.6	7.5	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.0	1.5	1.6	2.0	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	0.976	1.734	1.842	2.216	
COP				4.20	3.46	3.80	3.61	
Annual Electricity Consumption			kWh/a	774	1458	1459	1798	
SCOP				4.7	4.1	4.4	4.5	
		Energy efficiency class		A++	A+	A+	A+	
Operating Current(max)			A	8.7	13.7	15.0	15.1	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04
		Operating Current(max)		A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840	258-840-840	258-840-840	258-840-840
					<40-950-950>	<40-950-950>	<40-950-950>	<40-950-950>
	Weight <Panel>		kg	19 <5>	19 <5>	21 <5>	21 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34	
Sound Level (PWL)	Cooling	dB(A)	51	54	54	56		
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330	880-840-330
				kg	35	41	54	55
	Air Volume	Cooling	Rated	m ³ /min.	34.3	45.8	50.1	50.1
		Heating	Rated	m ³ /min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling	dB(A)	59	64	65	66	
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max.Length	Out-In	m	20	30	30	30	
	Max. Height	Out-In	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	
Refrigerant		Outdoor Unit		PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	
		Min.	kW	4.0	4.0	5.8	5.8	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.714	2.714	4.019	4.019	
	EER			3.50	3.50	3.01	3.01	
Annual Electricity Consumption			kWh/a	475	475	749	749	
SEER				7.0	7.0	5.6	5.6	
		Energy efficiency class		A++	A++	A+	A+	
Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	
		Min.	kW	2.8	2.8	4.1	4.1	
		Max.	kW	12.5	12.5	15.0	15.0	
	Total Input	Rated	kW	3.018	3.018	3.638	3.638	
	COP				3.71	3.71	3.71	3.71
	Annual Electricity Consumption			kWh/a	2406	2406	2884	2884
	SCOP				4.6	4.6	4.1	4.1
			Energy efficiency class		A++	A++	A+	A+
Operating Current(max)			A	20.5	12	27.2	12.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10
	Operating Current(max)			A	0.46	0.46	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44
	Sound Level (PWL)	Cooling		dB(A)	61	61	65	65
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	55	55	65	65	
		Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2		
		Outdoor Unit		PUZ-M140VKA2		PUZ-M140YKA2		
Refrigerant		R32						
Power Supply		Source		Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
		Hz		-		-		
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	5.8		5.8		
		Max.	kW	14.1		14.1		
	SHF	Rated		0.70		0.70		
	Total Input	Rated	kW	4.962		4.962		
	EER			2.70		2.70		
	Annual Electricity Consumption		kWh/a	824		824		
	SEER			5.6		5.6		
			Energy efficiency class		A+		A+	
	Heating	Capacity	Rated	kW	15.0		15.0	
Min.			kW	4.2		4.2		
Max.			kW	15.8		15.8		
Total Input		Rated	kW	4.398		4.398		
COP			3.41		3.41			
Annual Electricity Consumption		kWh/a	3203		3203			
SCOP			4.1		4.1			
		Energy efficiency class		A+		A+		
Operating Current(max)			A	30.7		12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		0.10 / 0.10	
	Operating Current(max)			A	0.66		0.66	
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>		298-840-840 <40-950-950>	
	Weight <Panel>			kg	26 <5>		26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		36-39-42-44	
	Sound Level (PWL)	Cooling		dB(A)	65		65	
Outdoor Unit	Dimensions	H x W x D		mm	981-1050-330(+40)		981-1050-330(+40)	
	Weight			kg	84		85	
	Air Volume	Cooling	Rated	m ³ /min.	86		86	
		Heating	Rated	m ³ /min.	92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	55		55	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	57		57	
	Sound Level (PWL)	Cooling		dB(A)	73		73	
	Operating Current(max)			A	30		11.5	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In	m	65		65		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-15		-15		
		Upper Limit.	°C	+21		+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3.Eco Inverter SERIES

Model Name	Indoor Unit			PLA-SM71EA	PLA-SM100EA	PLA-SM100EA		
	Outdoor Unit			SUZ-SM71VA	PUZ-SM100VKA	PUZ-SM100YKA		
Refrigerant				R32				
Power Supply				Source Outdoor power supply				
Out	V			230	230	400		
	Phase			Single	Single	Three		
	Hz			50	50	50		
	In	V			—	—	—	
		Phase			—	—	—	
		Hz			—	—	—	
Cooling	Capacity	Rated	kW	7.1	9.5	9.5		
		Min.	kW	2.2	4.0	4.0		
		Max.	kW	8.1	10.6	10.6		
	SHF	Rated		0.75	0.77	0.77		
	Total Input	Rated	kW	1.97	2.79	2.79		
	EER			3.60	3.4	3.4		
	Annual Electricity Consumption			kWh/a	410	554	554	
	SEER			6.0	6.0	6.0		
	Energy efficiency class			A+	A+	A+		
	Heating	Capacity	Rated	kW	8.0	11.2	11.2	
Min.			kW	2.0	2.8	2.8		
Max.			kW	10.2	12.5	12.5		
Total Input		Rated	kW	2.28	3.1	3.1		
COP			3.50	3.61	3.61			
Annual Electricity Consumption			kWh/a	2066	2482	2482		
SCOP			3.9	4.5	4.5			
Energy efficiency class			A	A+	A+			
Operating Current(max)			A	15.1	20.5	12.0		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07	
		Operating Current(max)			A	0.27	0.46	0.46
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>				kg	21<5>	24<5>	24<5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	14-17-19-21	19-23-26-29	19-23-26-29	
	External Static Pressure			Pa	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	28-30-32-34	31-34-37-40	31-34-37-40	
	Sound Level (PWL)	Cooling		dB(A)	56	61	61	
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330 (+40)	981-1050-330 (+40)	
	Weight			kg	55	76	78	
	Air Volume	Cooling	Rated	m ³ /min.	50.1	79	79	
		Heating	Rated	m ³ /min.	50.1	79	79	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51	
			Silent	dB(A)	—	49	49	
		Heating	Rated	dB(A)	51	54	54	
	Sound Level (PWL)	Cooling		dB(A)	66	70	70	
	Operating Current(max)			A	14.8	20	11.5	
	Breaker Size			A	20	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52		
		Gas	mm	15.88	15.88	15.88		
	Max.Length	Out-In		m	30	30	30	
	Max. Height	Out-In		m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	
			Upper Limit.	°C	46	46	46	
		Heating	Lower Limit.	°C	-10	-15	-15	
			Upper Limit.	°C	24	21	21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-SM125EA	PLA-SM125EA	PLA-SM140EA	PLA-SM140EA				
		Outdoor Unit		PUZ-SM125VKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA				
Refrigerant				R32							
Power Supply			Source	Outdoor power supply							
Out	V	230		400		230		400			
		Phase		Single		Three		Single		Three	
		Hz		50		50		50		50	
	In	V		-		-		-		-	
		Phase		-		-		-		-	
		Hz		-		-		-		-	
Cooling	Capacity	Rated	kW	12.1	12.1	13.4	13.4				
		Min.	kW	5.8	5.8	5.8	5.8				
		Max.	kW	13.0	13.0	14.1	14.1				
	SHF	Rated		0.73	0.73	0.70	0.70				
	Total Input	Rated	kW	4.17	4.17	5.13	5.13				
	EER			2.90	2.90	2.61	2.61				
	Annual Electricity Consumption		kWh/a	-	-	-	-				
	SEER			-	-	-	-				
	Energy efficiency class			-	-	-	-				
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0			
Min.			kW	4.1	4.1	4.2	4.2				
Max.			kW	15.0	15.0	15.8	15.8				
Total Input		Rated	kW	3.73	3.73	4.54	4.54				
COP			3.61	3.61	3.30	3.30					
Annual Electricity Consumption		kWh/a	-	-	-	-					
SCOP			-	-	-	-					
Energy efficiency class			-	-	-	-					
Operating Current(max)			A	27.2	12.2	30.7	12.2				
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10		
	Operating Current(max)			A	0.66	0.66	0.66	0.66			
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>			
	Weight <Panel>			kg	26<5>	26<5>	26<5>	26<5>			
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	21-25-28-31	21-25-28-31	24-26-29-32	24-26-29-32			
	External Static Pressure			Pa	0	0	0	0			
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44			
	Sound Level (PWL)	Cooling		dB(A)	63	63	70	70			
Outdoor Unit	Dimensions	H x W x D		mm	981-1050-330 (+40)	981-1050-330 (+40)	981-1050-330 (+40)	981-1050-330 (+40)			
	Weight			kg	84	85	84	85			
	Air Volume	Cooling	Rated	m³/min.	86	86	86	86			
		Heating	Rated	m³/min.	92	92	92	92			
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	55	55			
			Silent	dB(A)	52	52	54	54			
		Heating	Rated	dB(A)	56	56	57	57			
	Sound Level (PWL)	Cooling		dB(A)	72	72	73	73			
	Operating Current(max)			A	26.5	11.5	30	11.5			
	Breaker Size			A	32	16	40	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52				
		Gas	mm	15.88	15.88	15.88	15.88				
	Max.Length	Out-In		m	40	40	40	40			
		Out-In		m	30	30	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15			
			Upper Limit.	°C	46	46	46	46			
	Heating	Lower Limit.	°C	-15	-15	-15	-15				
		Upper Limit.	°C	21	21	21	21				

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.1.1.2 R410A type
1. ZUBADAN SERIES

Model Name		Indoor Unit		PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	
		Outdoor Unit		PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)	
Refrigerant				R410A			
Power Supply			Source	Outdoor power supply			
Out	V	230		400	400		
		Phase		Single	Three	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	10.0	10.0	12.5	
		Min.	kW	4.9	4.9	5.5	
		Max.	kW	11.4	11.4	14.0	
	SHF	Rated		0.75	0.75	0.67	
	Total Input	Rated	kW	2.857	2.857	5.000	
	EER			3.50	3.50	2.50	
	Annual Electricity Consumption		kWh/a	633	633	—	
	SEER			5.5	5.5	—	
		Energy efficiency class			A	A	—
	Heating	Capacity	Rated	kW	11.2	11.2	14.0
Min.			kW	4.5	4.5	5.0	
Max.			kW	14.0	14.0	16.0	
Total Input		Rated	kW	2.667	2.667	4.000	
COP				4.20	4.20	3.50	
Annual Electricity Consumption			kWh/a	4420	4420	—	
SCOP				4.0	4.0	—	
		Energy efficiency class			A+	A+	—
Operating Current(max)			A	35.5	13.5	13.5	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08
	Operating Current(max)			A	0.47	0.47	0.52
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	26 <5>	26 <5>	26 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-22-25-28	19-22-25-28	21-24-26-29
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-36-39-41
	Sound Level (PWL)	Cooling		dB(A)	61	61	62
Outdoor Unit	Dimensions		H × W × D	mm	1350-950-330(+30)	1350-950-330(+30)	1350-950-330(+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m³/min.	100	100	100
		Heating	Rated	m³/min.	100	100	100
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	69
	Operating Current(max)			A	35	13	13
	Breaker Size			A	40	16	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max. Length	Out-In	m	75	75	75	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-25	-25	-25
			Upper Limit.	°C	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2		PLA-M100EA2		PLA-M125EA2	
		Outdoor Unit		PUHZ-SHW112VHA(-BS)		PUHZ-SHW112YHA(-BS)		PUHZ-SHW140YHA(-BS)	
Refrigerant				R410A					
Power Supply				Outdoor power supply					
Power Supply	Out	Source		Outdoor power supply					
		V	230		400		400		
		Phase	Single		Three		Three		
	In	Hz	50		50		50		
		V	—		—		—		
		Phase	—		—		—		
Cooling	Capacity	Rated	kW	10.0	10.0	12.5			
		Min.	kW	4.9	4.9	5.5			
		Max.	kW	11.4	11.4	14.0			
	SHF	Rated		0.79	0.79	0.78			
	Total Input	Rated	kW	2.940	2.940	5.000			
	EER			3.40	3.40	2.50			
	Annual Electricity Consumption	kWh/a		661	661	—			
	SEER			5.3	5.3	—			
		Energy efficiency class		A	A	—			
	Heating	Capacity	Rated	kW	11.2	11.2	14.0		
Min.			kW	4.5	4.5	5.0			
Max.			kW	14.0	14.0	16.0			
Total Input		Rated	kW	2.793	2.793	4.000			
COP				4.01	4.01	3.50			
Annual Electricity Consumption		kWh/a		4445	4445	—			
SCOP				4.0	4.0	—			
		Energy efficiency class		A+	A+	—			
Operating Current(max)				A	35.5	13.5	13.7		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08	
	Operating Current(max)				A	0.47	0.47	0.52	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40- 950-950>	298-840-840 <40- 950-950>	298-840-840 <40- 950-950>		
	Weight <Panel>				kg	26 <5>	26 <5>	26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.		19-22-25-28	19-22-25-28	21-24-26-29		
	External Static Pressure				Pa	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)		31-34-37-40	31-34-37-40	33-36-39-41		
	Sound Level (PWL)	Cooling	dB(A)		61	61	62		
Outdoor Unit	Dimensions	H × W × D		mm	1350-950-330 (+30)	1350-950-330 (+30)	1350-950-330 (+30)		
	Weight				kg	120	134	134	
	Air Volume	Cooling	Rated	m³/min.	100	100	100		
		Heating	Rated	m³/min.	100	100	100		
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51		
			Silent	dB(A)	—	—	—		
		Heating	Rated	dB(A)	52	52	52		
	Sound Level (PWL)	Cooling	dB(A)		69	69	69		
	Operating Current(max)				A	35	13	13	
	Breaker Size				A	40	16	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52			
		Gas	mm	15.88	15.88	15.88			
	Max.Length	Out-In	m	75	75	75			
		Out-In	m	30	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15		
			Upper Limit.	°C	+46	+46	+46		
		Heating	Lower Limit.	°C	-25	-25	-25		
			Upper Limit.	°C	+21	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Power Inverter SERIES

Model Name		Indoor Unit		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUZ-ZM71VHA2	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.92	0.83	0.72	0.81	
	Total Input	Rated	kW	0.782	1.330	1.660	1.790	
	EER			4.60	3.75	3.66	3.95	
	Annual Electricity Consumption		kWh/a	170	253	318	335	
	SEER			7.4	6.9	6.7	7.4	
		Energy efficiency class		A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.850	1.550	1.890	1.900	
COP				4.82	3.85	3.70	4.20	
Annual Electricity Consumption			kWh/a	713	1108	1335	1337	
SCOP				4.9	4.8	4.6	4.9	
Energy efficiency class				A++	A++	A++	A++	
Operating Current(max)			A	13.2	13.2	19.2	19.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.05 / 0.05
	Operating Current(max)			A	0.21	0.22	0.22	0.34
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21 <5>	21 <5>	21 <5>	24 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	57
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM125EA2				
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3				
Refrigerant				R410A							
Power Supply			Source	Outdoor power supply							
Out	V	230		400		230		400			
		Phase		Single		Three		Single		Three	
		Hz		50		50		50		50	
	In	V		-		-		-		-	
		Phase		-		-		-		-	
		Hz		-		-		-		-	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5				
		Min.	kW	4.9	4.9	5.5	5.5				
		Max.	kW	11.4	11.4	14.0	14.0				
	SHF	Rated		0.75	0.75	0.67	0.67				
	Total Input	Rated	kW	2.200	2.200	3.846	3.846				
	EER			4.32	4.32	3.25	3.25				
	Annual Electricity Consumption		kWh/a	461	472	650	661				
	SEER			7.2	7.0	6.7	6.6				
			Energy efficiency class	A++	A++	A++	A++				
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0			
Min.			kW	4.5	4.5	5.0	5.0				
Max.			kW	14.0	14.0	16.0	16.0				
Total Input		Rated	kW	2.600	2.600	3.674	3.674				
COP			4.31	4.31	3.81	3.81					
Annual Electricity Consumption		kWh/a	2223	2224	2771	2772					
SCOP			4.9	4.9	4.6	4.6					
		Energy efficiency class	A++	A++	A++	A++					
Operating Current(max)			A	27.0	8.5	27.0	10.0				
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08	0.08 / 0.08		
	Operating Current(max)			A	0.47	0.47	0.52	0.52			
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>			
	Weight <Panel>			kg	26 <5>	26 <5>	26 <5>	26 <5>			
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-22-25-28	19-22-25-28	21-24-26-29	21-24-26-29			
	External Static Pressure			Pa	0	0	0	0			
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-36-39-41	33-36-39-41			
	Sound Level (PWL)	Cooling		dB(A)	61	61	62	62			
Outdoor Unit	Dimensions	H x W x D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)			
	Weight			kg	116	123	116	125			
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120			
		Heating	Rated	m³/min.	110	110	120	120			
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50			
			Silent	dB(A)	46	46	47	47			
		Heating	Rated	dB(A)	51	51	52	52			
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70			
	Operating Current(max)			A	26.5	8	26.5	9.5			
	Breaker Size			A	32	16	32	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52				
		Gas	mm	15.88	15.88	15.88	15.88				
	Max.Length	Out-In		m	75	75	75	75			
		Out-In		m	30	30	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15			
			Upper Limit.	°C	+46	+46	+46	+46			
	Heating	Lower Limit.	°C	-20	-20	-20	-20				
		Upper Limit.	°C	+21	+21	+21	+21				

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-ZM140EA2		PLA-ZM140EA2	
		Outdoor Unit		PUHZ-ZRP140VKA3		PUHZ-ZRP140YKA3	
Refrigerant		R410A					
Power Supply			Source	Outdoor power supply			
Out	V	230		400			
		Phase		Single			
		Hz		50			
	In	V		-			
		Phase		-			
		Hz		-			
Cooling	Capacity	Rated	kW	13.4	13.4		
		Min.	kW	6.2	6.2		
		Max.	kW	15.0	15.0		
	SHF	Rated		0.67	0.67		
	Total Input	Rated	kW	4.364	4.364		
	EER			3.07	3.07		
	Annual Electricity Consumption		kWh/a	732	743		
	SEER			6.4	6.3		
			Energy efficiency class	A++	A++		
	Heating	Capacity	Rated	kW	16.0	16.0	
Min.			kW	5.7	5.7		
Max.			kW	18.0	18.0		
Total Input		Rated	kW	4.848	4.848		
COP			3.30	3.30			
Annual Electricity Consumption		kWh/a	3299	3300			
SCOP			4.4	4.4			
		Energy efficiency class	A+	A+			
Operating Current(max)			A	28.7	13.7		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		
		Operating Current(max)		A	0.66		
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>		
	Weight <Panel>		kg	26 <5>	26 <5>		
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		
	External Static Pressure		Pa	0	0		
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		
	Sound Level (PWL)	Cooling		dB(A)	65		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)		
	Weight		kg	118	131		
	Air Volume	Cooling	Rated	m ³ /min.	120		
		Heating	Rated	m ³ /min.	120		
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		
			Silent	dB(A)	47		
		Heating	Rated	dB(A)	52		
	Sound Level (PWL)	Cooling		dB(A)	70		
	Operating Current(max)		A	28	13		
	Breaker Size		A	40	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52			
		Gas	mm	15.88			
	Max.Length	Out-In	m	75			
	Max. Height	Out-In	m	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		
			Upper Limit.	°C	+46		
	Heating	Lower Limit.	°C	-20			
		Upper Limit.	°C	+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.5	8.1	
	SHF	Rated		0.84	0.81	0.77	0.73	
	Total Input	Rated	kW	0.833	1.416	1.747	1.868	
	EER			4.32	3.53	3.49	3.80	
	Annual Electricity Consumption		kWh/a	174	258	321	341	
	SEER			7.2	6.7	6.6	7.2	
			Energy efficiency class	A++	A++	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.8	7.3	8.2	10.2	
Total Input		Rated	kW	0.920	1.810	2.070	2.110	
COP			4.46	3.31	3.38	3.79		
Annual Electricity Consumption		kWh/a	766	1215	1421	1405		
SCOP			4.5	4.3	4.3	4.6		
		Energy efficiency class	A+	A+	A+	A++		
Operating Current(max)			A	13.2	13.2	19.2	19.3	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03
	Operating Current(max)			A	0.20	0.22	0.24	0.27
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34
	Sound Level (PWL)	Cooling		dB(A)	51	54	54	56
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	50	50
		Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.74	0.74	0.71	0.71	
	Total Input	Rated	kW	2.230	2.230	3.869	3.869	
	EER			4.26	4.26	3.23	3.23	
	Annual Electricity Consumption		kWh/a	465	475	839	850	
	SEER			7.1	6.9	5.2	5.1	
			Energy efficiency class	A++	A++	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.690	2.690	3.773	3.773	
COP			4.16	4.16	3.71	3.71		
Annual Electricity Consumption		kWh/a	2471	2472	3313	3314		
SCOP			4.4	4.4	3.9	3.9		
		Energy efficiency class	A+	A+	A	A		
Operating Current(max)			A	27.0	8.5	27.2	10.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10
		Operating Current(max)		A	0.46	0.46	0.66	0.66
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>		kg	24 <5>	24 <5>	26 <5>	26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44	
	Sound Level (PWL)	Cooling	dB(A)	61	61	65	65	
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight		kg	116	123	116	125	
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling	dB(A)	69	69	70	70	
	Operating Current(max)		A	26.5	8	26.5	9.5	
	Breaker Size		A	32	16	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m	75	75	75	75	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2	
		Outdoor Unit		PUHZ-ZRP140VKA3		PUHZ-ZRP140YKA3	
Refrigerant		R410A					
Power Supply		Source		Outdoor power supply			
Out	V	230		400			
		Phase		Single		Three	
		Hz		50		50	
	In	V		-		-	
		Phase		-		-	
		Hz		-		-	
Cooling	Capacity	Rated	kW	13.4	13.4		
		Min.	kW	6.2	6.2		
		Max.	kW	15.0	15.0		
	SHF	Rated		0.72	0.72		
	Total Input	Rated	kW	4.393	4.393		
	EER			3.05	3.05		
	Annual Electricity Consumption		kWh/a	798	808		
	SEER			5.8	5.8		
			Energy efficiency class	A+	A+		
	Heating	Capacity	Rated	kW	16.0	16.0	
Min.			kW	5.7	5.7		
Max.			kW	18.0	18.0		
Total Input		Rated	kW	4.907	4.907		
COP			3.26	3.26			
Annual Electricity Consumption		kWh/a	3685	3686			
SCOP			4.0	4.0			
		Energy efficiency class	A+	A+			
Operating Current(max)			A	28.7	13.7		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	
	Operating Current(max)		A	0.66	0.66		
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>		kg	26 <5>	26 <5>		
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	24-26-29-32	24-26-29-32		
	External Static Pressure		Pa	0	0		
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	36-39-42-44	36-39-42-44		
	Sound Level (PWL)	Cooling	dB(A)	65	65		
Outdoor Unit	Dimensions	H x W x D		mm	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	118	131		
	Air Volume	Cooling	Rated	m ³ /min.	120	120	
		Heating	Rated	m ³ /min.	120	120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	
			Silent	dB(A)	47	47	
		Heating	Rated	dB(A)	52	52	
	Sound Level (PWL)	Cooling	dB(A)	70	70		
	Operating Current(max)		A	28	13		
	Breaker Size		A	40	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max.Length	Out-In	m	75	75		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
	Heating	Lower Limit.	°C	-20	-20		
		Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Mr.Slim+

Model Name	Indoor Unit			PLA-ZM71EA2		
	Outdoor Unit			PUHZ-FRP71VHA2		
Refrigerant R410A						
Power Supply	Source			Outdoor power supply		
	Out	V		230		
		Phase		Single		
		Hz		50		
	In	V		—		
		Phase		—		
Hz		—				
Cooling	Capacity	Rated	kW	7.1		
		Min.	kW	3.3		
		Max.	kW	8.1		
	SHF	Rated		0.72		
	Total Input	Rated	kW	1.883		
	EER				3.77	
	Annual Electricity Consumption			kWh/a	376	
	SEER				6.6	
	Energy efficiency class			A++		
Heating	Capacity	Rated	kW	8.0		
		Min.	kW	3.5		
		Max.	kW	10.2		
	Total Input	Rated	kW	2.105		
	COP				3.80	
	Annual Electricity Consumption			kWh/a	1509	
	SCOP				4.3	
	Energy efficiency class			A+		
Operating Current(max)			A	19.3		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	
	Operating Current(max)			A	0.34	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	
	Weight <Panel>			kg	24 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	17-19-21-23	
	External Static Pressure				Pa	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	28-30-33-36	
	Sound Level (PWL)	Cooling		dB(A)	57	
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330	
	Weight			kg	73	
	Air Volume	Cooling	Rated	m ³ /min.	50	
		Heating	Rated	m ³ /min.	50	
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	
			Silent	dB(A)	—	
		Heating	Rated	dB(A)	49	
	Sound Level (PWL)	Cooling		dB(A)	67	
	Operating Current(max)			A	19.0	
	Breaker Size			A	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		
		Gas	mm	15.88		
	Max. Length	Out-In	m	60		
	Max. Height	Out-In	m	20		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	
			Upper Limit.	°C	+46	
		Heating	Lower Limit.	°C	-20	
			Upper Limit.	°C	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

4.Standard Inverter SERIES

Model Name	Indoor Unit			PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2		
	Outdoor Unit			SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6		
Refrigerant				R410A					
Power Supply	Out			Source	Outdoor power supply				
				V	230	230	230	230	
	In			Phase	Single	Single	Single	Single	
				Hz	50	50	50	50	
	In			V	—	—	—	—	
				Phase	—	—	—	—	
In			Hz	—	—	—	—		
			Cooling			Capacity	Rated	kW	3.6
Capacity						Min.	kW	1.4	2.3
			SHF			Max.	kW	3.9	5.6
Rated						0.84	0.81	0.76	0.73
Total Input			Rated	kW	1.020	1.610	1.760	2.100	
EER			3.53	3.42	3.24	3.38			
Annual Electricity Consumption			kWh/a	181	296	306	400		
SEER			6.9	6.5	6.5	6.2			
Energy efficiency class			A++	A++	A++	A++			
Heating	Capacity			Rated	kW	4.1	5.8	6.9	8.0
				Min.	kW	1.7	1.7	2.5	2.6
	Total Input			Max.	kW	5.0	7.2	8.0	10.2
				Rated	kW	1.000	1.690	1.970	2.247
	COP			4.10	3.43	3.50	3.56		
	Annual Electricity Consumption			kWh/a	826	1499	1493	1888	
	SCOP			4.4	4.0	4.3	4.3		
	Energy efficiency class			A+	A+	A+	A+		
	Operating Current(max)			A	8.4	12.2	14.2	16.4	
Indoor Unit	Input		Cooling/Heating	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04
	Operating Current(max)			A	0.20	0.22	0.24	0.27	
	Dimensions <Panel>		H × W × D	mm	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	258-840-840 <40-950-950>	
	Weight <Panel>			kg	19 <5>	19 <5>	21 <5>	21 <5>	
	Air Volume		Lo-Mi2-Mi1-Hi	m ³ /min.	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21	
	External Static Pressure			Pa	0	0	0	0	
	Sound Level (SPL)		Lo-Mi2-Mi1-Hi	dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34	
	Sound Level (PWL)			Cooling	51	54	54	56	
	Outdoor Unit	Dimensions		H × W × D	mm	550-800-285	880-840-330	880-840-330	880-840-330
Weight			kg	35	54	50	53		
Air Volume		Cooling	Rated	m ³ /min.	36.3	44.6	40.9	50.1	
		Heating	Rated	m ³ /min.	34.8	44.6	49.2	48.2	
Sound Level (SPL)		Cooling	Rated	dB(A)	49	52	55	55	
		Silent		dB(A)	—	—	—	—	
		Heating	Rated	dB(A)	50	52	55	55	
Sound Level (PWL)		Cooling	dB(A)	62	65	65	69		
Operating Current(max)			A	8.2	12	14	16.1		
Breaker Size			A	10	20	20	20		
Ext. Piping	Diameter (*2)		Liquid	mm	6.35	6.35	6.35	9.52	
			Gas	mm	9.52	12.7	15.88	15.88	
	Max.Length		Out-In	m	20	30	30	30	
	Max. Height		Out-In	m	12	30	30	30	
Guranteed Operation Range	Out		Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.		°C	+46	+46	+46	+46
	Heating		Lower Limit.	°C	-10	-10	-10	-10	
			Upper Limit.		°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2		
		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA		
Refrigerant		R410A							
Power Supply			Source	Outdoor power supply					
Out	V	V		230	400	230	400		
		Phase		Single	Three	Single	Three		
		Hz		50	50	50	50		
	In	V		—	—	—	—		
		Phase		—	—	—	—		
		Hz		—	—	—	—		
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1		
		Min.	kW	3.7	3.7	5.6	5.6		
		Max.	kW	10.6	10.6	13.0	13.0		
	SHF	Rated		0.77	0.77	0.73	0.73		
	Total Input	Rated	kW	3.186	3.186	4.101	4.101		
	EER			2.95	2.95	2.95	2.95		
	Annual Electricity Consumption		kWh/a	537	537	751	751		
	SEER			6.1	6.1	5.6	5.6		
			Energy efficiency class	A++	A++	A+	A+		
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	
Min.			kW	2.8	2.8	4.8	4.8		
Max.			kW	12.5	12.5	15.0	15.0		
Total Input		Rated	kW	3.265	3.265	3.846	3.846		
COP			3.43	3.43	3.51	3.51			
Annual Electricity Consumption		kWh/a	2433	2433	2919	2919			
SCOP			4.6	4.6	4.0	4.0			
		Energy efficiency class	A++	A++	A+	A+			
Operating Current(max)			A	20.5	12.0	27.2	12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10	
		Operating Current(max)		A	0.46	0.46	0.66	0.66	
	Dimensions <Panel>	H × W × D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	
	Weight <Panel>			kg	24 <5>	24 <5>	26 <5>	26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31	
	External Static Pressure				Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44	
	Sound Level (PWL)	Cooling			61	61	65	65	
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	
	Weight				kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86	
		Heating	Rated	m³/min.	79	79	92	92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54	
			Silent	dB(A)	49	49	52	52	
		Heating	Rated	dB(A)	54	54	56	56	
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72	
	Operating Current(max)				A	20	11.5	26.5	11.5
	Breaker Size				A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52	
		Gas		mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In		m	50	50	50	50	
	Max. Height	Out-In		m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-M140EA2		PLA-M140EA2		
		Outdoor Unit		PUHZ-P140VKA		PUHZ-P140YKA		
Refrigerant		R410A						
Power Supply		Source		Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
		Hz		-		-		
Cooling	Capacity	Rated	kW	13.6		13.6		
		Min.	kW	5.8		5.8		
		Max.	kW	14.1		14.1		
	SHF	Rated		0.70		0.70		
	Total Input	Rated	kW	5.418		5.418		
	EER			2.51		2.51		
	Annual Electricity Consumption		kWh/a	842		842		
	SEER			5.6		5.6		
			Energy efficiency class	A+		A+		
	Heating	Capacity	Rated	kW	15.0		15.0	
Min.			kW	4.9		4.9		
Max.			kW	15.8		15.8		
Total Input		Rated	kW	4.672		4.672		
COP			3.21		3.21			
Annual Electricity Consumption		kWh/a	3232		3232			
SCOP			4.0		4.0			
		Energy efficiency class	A+		A+			
Operating Current(max)			A	30.7		12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		0.10 / 0.10	
	Operating Current(max)			A	0.66		0.66	
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>		298-840-840 <40-950-950>	
	Weight <Panel>			kg	26 <5>		26 <5>	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	24-26-29-32		24-26-29-32	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	36-39-42-44		36-39-42-44	
	Sound Level (PWL)	Cooling			65		65	
Outdoor Unit	Dimensions	H x W x D		mm	981-1050-330		981-1050-330	
	Weight			kg	84		85	
	Air Volume	Cooling	Rated	m ³ /min.	86		86	
		Heating	Rated	m ³ /min.	92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	56		56	
			Silent	dB(A)	54		54	
		Heating	Rated	dB(A)	57		57	
	Sound Level (PWL)	Cooling		dB(A)	75		75	
	Operating Current(max)			A	30		11.5	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In	m	50		50		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-15		-15		
		Upper Limit.	°C	+21		+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-SM71EA	PLA-SM100EA	PLA-SM100EA	
		Outdoor Unit		SUZ-SA71VA3	SUZ-SA100VA2	PUHZ-SP100YKA	
Refrigerant		R410A					
Power Supply			Source	Outdoor power supply			
	Out	V		230	230	400	
		Phase		Single	Single	Single	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	7.1	9.4	9.4	
		Min.	kW	3.2	5.0	3.7	
		Max.	kW	8.1	9.9	10.6	
	SHF	Rated		0.77	0.84	0.77	
	Total Input	Rated	kW	2.218	3.122	3.29	
	EER			3.20	3.01	2.85	
	Annual Electricity Consumption		kWh/a	421	576	576	
	SEER			5.9	5.7	5.7	
			Energy efficiency class	A+	A+	A+	
	Heating	Capacity	Rated	kW	8.0	11.2	11.2
Min.			kW	3.5	5.1	2.8	
Max.			kW	8.9	11.5	12.5	
Total Input		Rated	kW	2.49	3.48	3.48	
COP			3.21	3.21	3.21		
Annual Electricity Consumption		kWh/a	2081	2685	2727		
SCOP			3.9	4.1	4.1		
		Energy efficiency class	A	A+	A+		
Operating Current(max)			A	16.4	16.6	12.0	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07
	Operating Current(max)			A	0.27	0.46	0.46
	Dimensions <Panel>	H × W × D		mm	258-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>
	Weight <Panel>			kg	21<5>	24<5>	24<5>
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	14-17-19-21	19-23-26-29	19-23-26-29
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	28-30-32-34	31-34-37-40	31-34-37-40
	Sound Level (PWL)	Cooling			56	61	61
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	880-840-330	981-1050-330 (+40)
	Weight			kg	52	56	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	53.6	79
		Heating	Rated	m ³ /min.	48.2	53.7	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55	51
			Silent	dB(A)	—	—	49
		Heating	Rated	dB(A)	55	55	54
	Sound Level (PWL)	Cooling		dB(A)	69	69	70
	Operating Current(max)			A	16.1	16.1	11.5
	Breaker Size			A	20	20	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In		m	30	30	30
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-10	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-15
			Upper Limit.	°C	+24	+24	+21

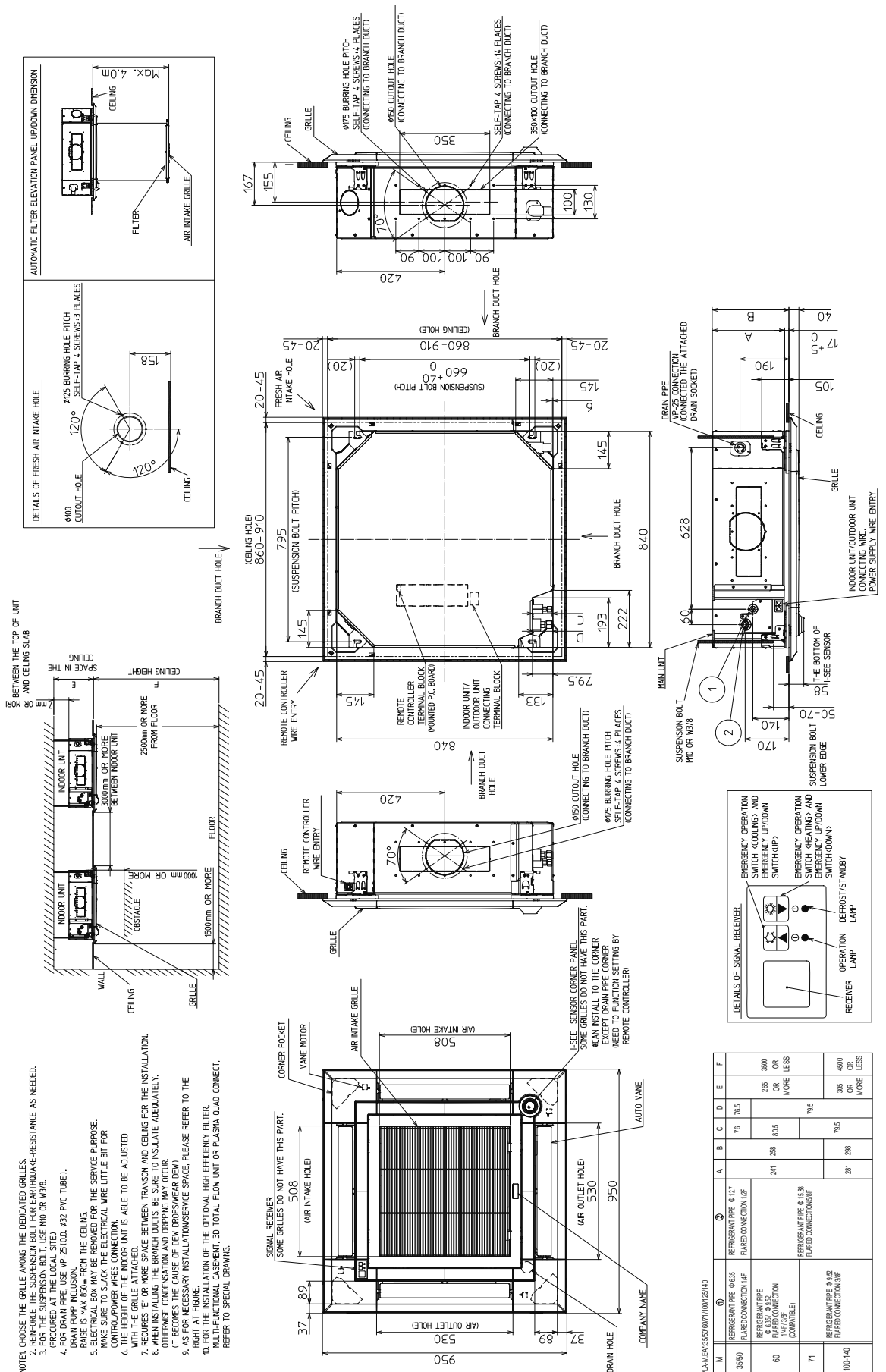
(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PLA-SM125EA	PLA-SM125EA	PLA-SM140EA	PLA-SM140EA				
		Outdoor Unit		PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA				
Refrigerant				R410A							
Power Supply			Source	Outdoor power supply							
Out	V	230		400		230		400			
		Phase		Single		Three		Single		Three	
		Hz		50		50		50		50	
	In	V		-		-		-		-	
		Phase		-		-		-		-	
		Hz		-		-		-		-	
Cooling	Capacity	Rated	kW	12.1	12.1	13.6	13.6				
		Min.	kW	5.6	5.6	5.8	5.8				
		Max.	kW	13.0	13.0	14.0	14.0				
	SHF	Rated		0.73	0.73	0.70	0.70				
	Total Input	Rated	kW	4.24	4.24	5.64	5.64				
	EER			2.85	2.85	2.41	2.41				
	Annual Electricity Consumption		kWh/a	-	-	-	-				
	SEER			-	-	-	-				
	Energy efficiency class			-	-	-	-				
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0			
Min.			kW	4.8	4.8	5.0	5.0				
Max.			kW	15.0	15.0	17.0	17.0				
Total Input		Rated	kW	3.95	3.95	4.82	4.82				
COP			3.41	3.41	3.11	3.11					
Annual Electricity Consumption		kWh/a	-	-	-	-					
SCOP			-	-	-	-					
Energy efficiency class			-	-	-	-					
Operating Current(max)			A	27.2	12.2	30.7	12.2				
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10		
	Operating Current(max)			A	0.66	0.66	0.66	0.66			
	Dimensions <Panel>	H x W x D		mm	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>	298-840-840 <40-950-950>			
	Weight <Panel>			kg	26<5>	26<5>	26<5>	26<5>			
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	21-25-28-31	21-25-28-31	24-26-29-32	24-26-29-32			
	External Static Pressure			Pa	0	0	0	0			
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44			
	Sound Level (PWL)	Cooling		dB(A)	63	63	70	70			
Outdoor Unit	Dimensions	H x W x D		mm	981-1050-330 (+40)	981-1050-330 (+40)	981-1050-330 (+40)	981-1050-330 (+40)			
	Weight			kg	85	85	84	85			
	Air Volume	Cooling	Rated	m³/min.	86	86	86	86			
		Heating	Rated	m³/min.	86	86	86	86			
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	56	56			
			Silent	dB(A)	52	52	54	54			
		Heating	Rated	dB(A)	56	56	57	57			
	Sound Level (PWL)	Cooling		dB(A)	72	72	75	75			
	Operating Current(max)			A	26.5	11.5	30	11.5			
	Breaker Size			A	32	16	40	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52				
		Gas	mm	15.88	15.88	15.88	15.88				
	Max.Length	Out-In		m	40	40	40	40			
		Out-In		m	30	30	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15			
			Upper Limit.	°C	+46	+46	+46	+46			
		Heating	Lower Limit.	°C	-15	-15	-15	-15			
			Upper Limit.	°C	+21	+21	+21	+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

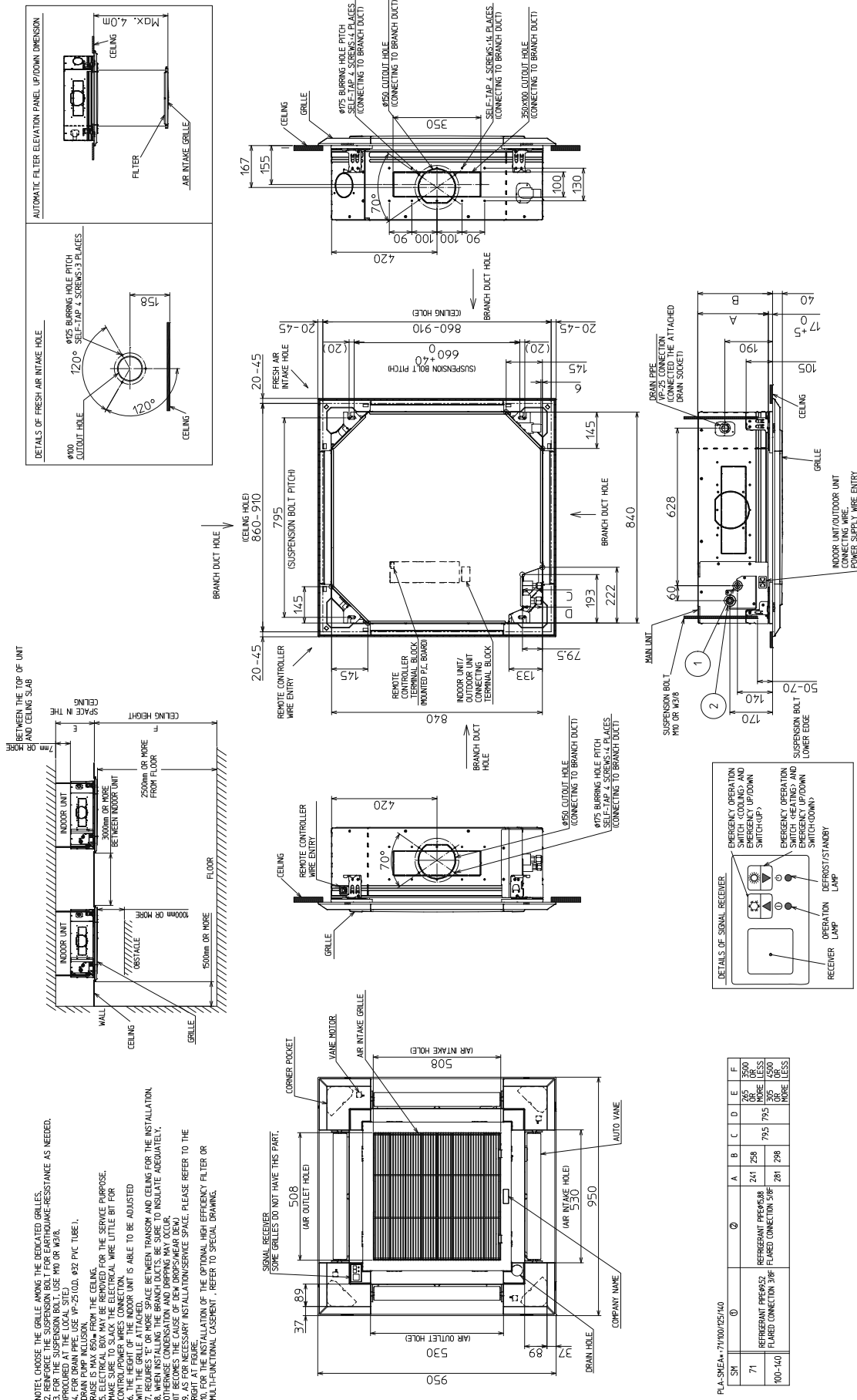
PLA-M35EA2
PLA-M50EA2
PLA-M60EA2
PLA-M71EA2

PLA-M100EA2
PLA-M125EA2
PLA-M140EA2



PLA-SM71EA
 PLA-SM100EA
 PLA-SM125EA
 PLA-SM140EA

Unit: mm



PLA-SM71EA-71/100/125/140

SW	①	A	B	C	D	E	E
71	REFRIGERANT PIPES (R-410A) FLARED CONNECTION 3/8"	241	258	241	258	795	795
100-140	REFRIGERANT PIPES (R-410A) FLARED CONNECTION 3/8"	281	298	281	298	795	795

A.1.3 WIRING DIAGRAM

- PLA-ZM35EA2 PLA-ZM100EA2
- PLA-ZM50EA2 PLA-ZM125EA2
- PLA-ZM60EA2 PLA-ZM140EA2
- PLA-ZM71EA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	R.B	WIRED REMOTE CONTROLLER
F1	FUSE (T6.3AL250V)	OPTION PART	
LED1	POWER SUPPLY (L.B)	W.B	PCB OF SIGNAL RECEIVER
LED2	POWER SUPPLY (R.B)	BZ	BUZZER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED1	LED (OPERATION INDICATION : GREEN)
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.	RU	RECEIVING UNIT
SWE	SWITCH (EMERGENCY OPERATION)	SW1	EMERGENCY OPERATION (HEAT / DOWN)
DP	DRAIN PUMP	SW2	EMERGENCY OPERATION (COOL / UP)
FS	DRAIN FLOAT SWITCH	MT	i-see Sensor MOTOR
MF	FAN MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)
MV	VANE MOTOR		

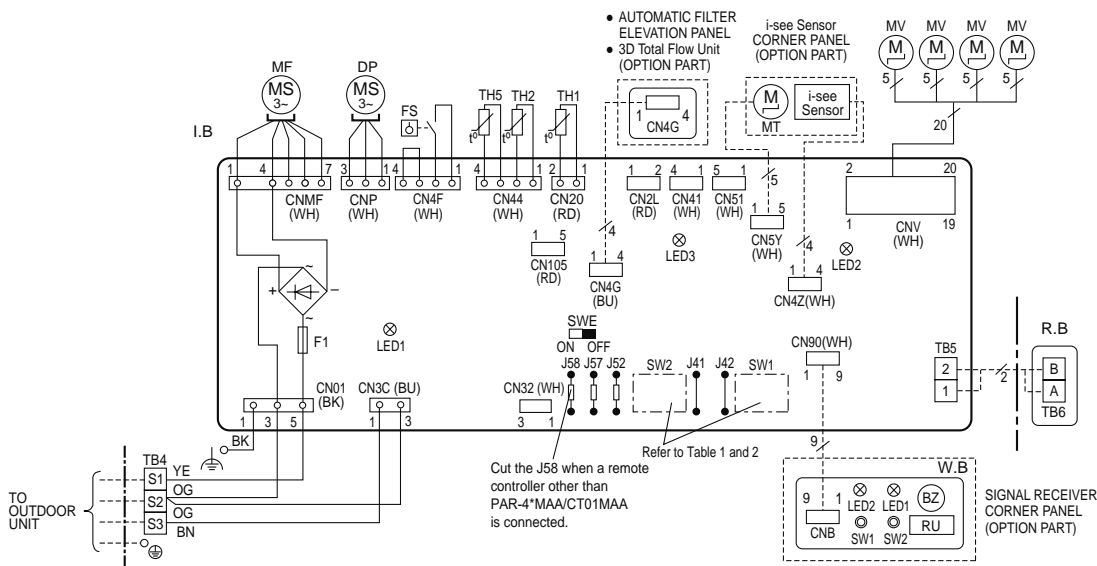
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

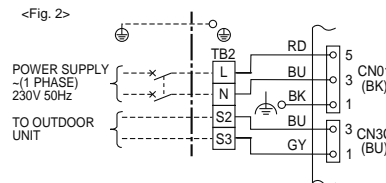
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
35		71		140	
50		100			
60		125			

The black square (■) indicates a switch position.

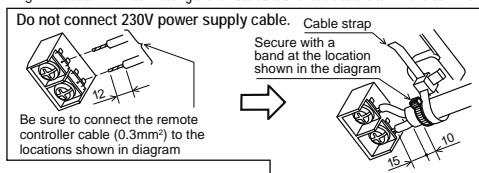


- Notes: 1. Symbols used in wiring diagram on the left are, : Terminal (block), : Connector.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
- If the separate indoor/outdoor unit power supplied system is applied, refer to Fig 2.
 - For power supply system of this unit, refer to the caution label located near this diagram.
5. When installing the automatic filter elevation panel and the 3D Total Flow Unit together, refer to the wiring diagram of the 3D Total Flow Unit.

<Fig. 2>



<Fig. 1> Caution when connecting the remote controller cable to the terminal block TB5



[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
P5	Malfunction of Drain pump.	E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P6	Freezing / overheating protection is working.	FB(Fb)	Abnormality of indoor controller board.
P8	Abnormality of pipe temperature.	U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
P9	Abnormality of pipe temperature thermistor / Cond./Eva. (TH5).		
PA	Leakage error (refrigerant system)		

PLA-M35EA2
PLA-M50EA2
PLA-M60EA2
PLA-M71EA2
PLA-M100EA2
PLA-M125EA2
PLA-M140EA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	R.B	WIRED REMOTE CONTROLLER
F1	FUSE (T6.3AL250V)	OPTION PART	
LED1	POWER SUPPLY (L.B)	W.B	PCB OF SIGNAL RECEIVER
LED2	POWER SUPPLY (R.B)	BZ	BUZZER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED1	LED (OPERATION INDICATION : GREEN)
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>	RU	RECEIVING UNIT
SWE	SWITCH (EMERGENCY OPERATION)	SW1	EMERGENCY OPERATION (HEAT / DOWN)
DP	DRAIN PUMP	SW2	EMERGENCY OPERATION (COOL / UP)
FS	DRAIN FLOAT SWITCH	MT	i-see Sensor MOTOR
MF	FAN MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)
MV	VANE MOTOR		

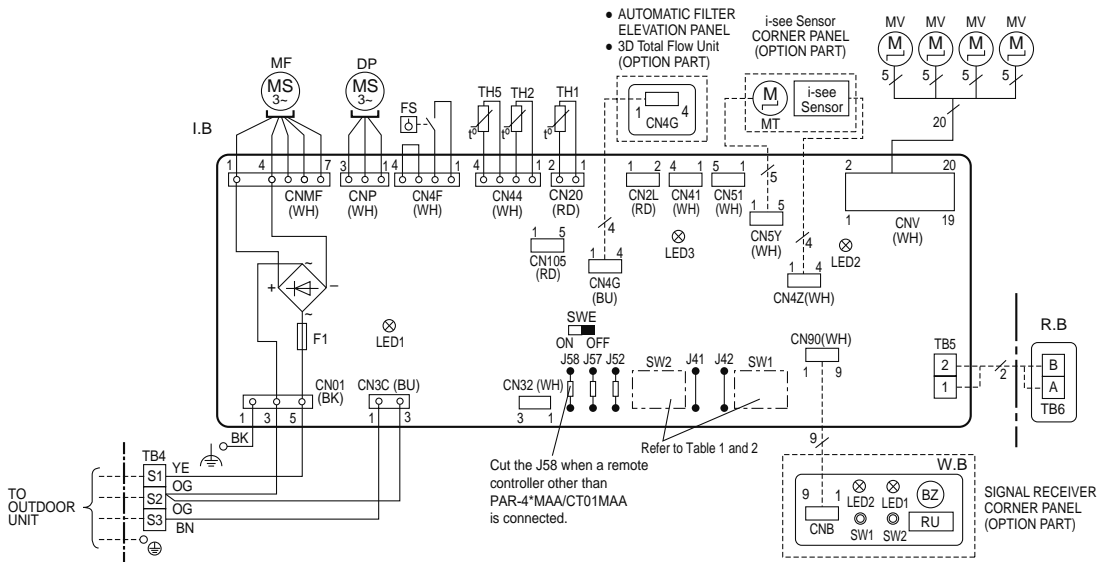
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service
35	1 2 3 4 5 ON OFF	71	1 2 3 4 5 ON OFF	140	1 2 3 4 5 ON OFF
50	1 2 3 4 5 ON OFF	100	1 2 3 4 5 ON OFF		
60	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF		

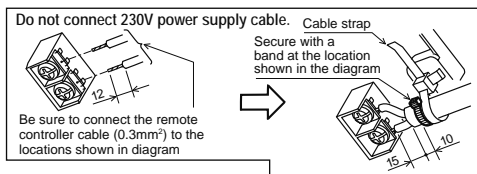
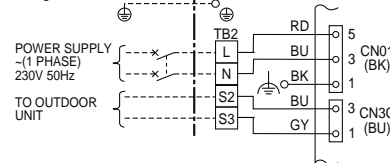
The black square (■) indicates a switch position.



- Notes: 1. Symbols used in wiring diagram on the left are, □: Terminal (block), □: Connector.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
• If the separate indoor/outdoor unit power supplied system is applied, refer to Fig. 2.
• For power supply system of this unit, refer to the caution label located near this diagram.
5. When installing the automatic filter elevation panel and the 3D Total Flow Unit together, refer to the wiring diagram of the 3D Total Flow Unit.

<Fig. 1> Caution when connecting the remote controller cable to the terminal block TB5

<Fig. 2>



[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
P5	Malfunction of Drain pump.	E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P6	Freezing / overheating protection is working.	FB(Fb)	Abnormality of indoor controller board.
P8	Abnormality of pipe temperature.	U*, F*	Abnormality in indoor unit. Refer to outdoor unit wiring diagram.
P9	Abnormality of pipe temperature thermistor / Cond. /Eva. (TH5).		
PA	Leakage error (refrigerant system)		

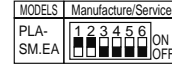
**PLA-SM71EA
PLA-SM100EA
PLA-SM125EA
PLA-SM140EA**

CEILING CASSETTE WIRING DIAGRAM

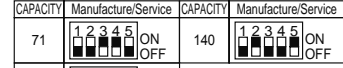
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
F1	FUSE (T6.3AL250V)	R.B	WIRED REMOTE CONTROLLER
LED1	POWER SUPPLY (I.B)	OPTION PART	
LED2	POWER SUPPLY (R.B)	W.B	PCB OF SIGNAL RECEIVER
LED3	TRANSMISSION (INDOOR-OUTDOOR)	BZ	BUZZER
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>	LED1	LED (OPERATION INDICATION : GREEN)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SWE	CONNECTOR (EMERGENCY OPERATION)	RU	RECEIVING UNIT
DP	DRAIN PUMP	SW1	EMERGENCY OPERATION (HEAT / DOWN)
FS	DRAIN FLOAT SWITCH	SW2	EMERGENCY OPERATION (COOL / UP)
MF	FAN MOTOR	TB2	TERMINAL BLOCK (INDOOR UNIT POWER AND TRANSMISSION LINE)
MV	VANE MOTOR		

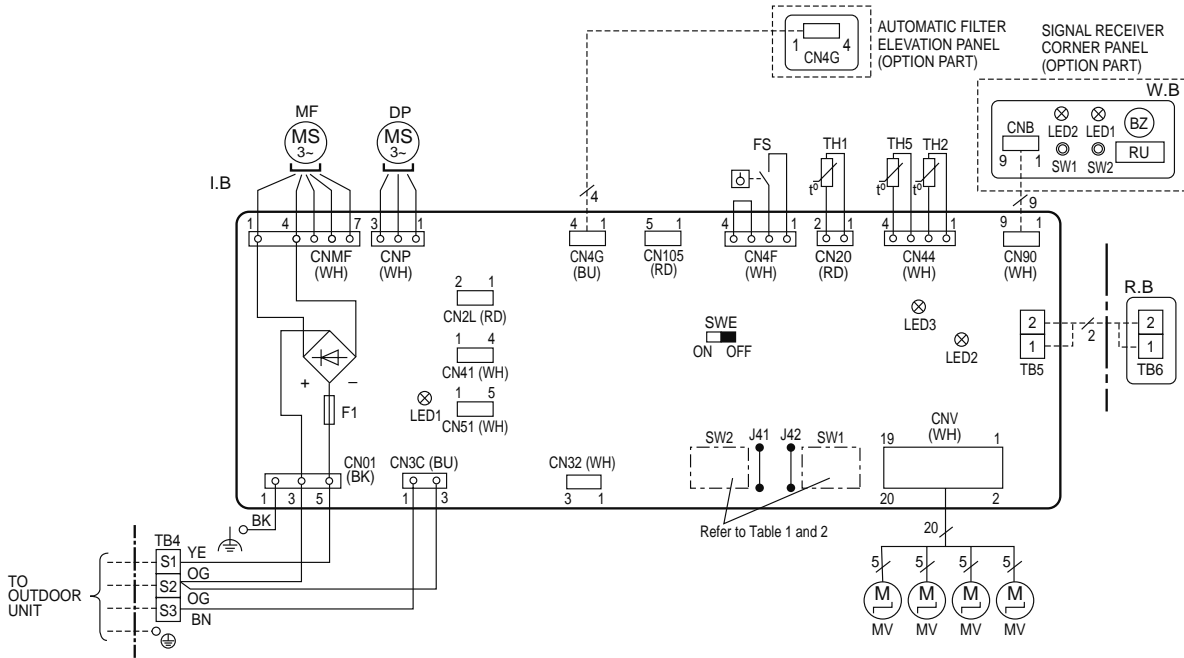
<Table 1> SW1 (MODEL SELECTION)



<Table 2> SW2 (CAPACITY CODE)

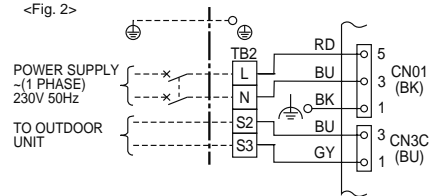


The black square (■) indicates a switch position.

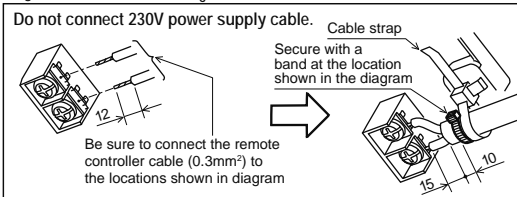


- Notes:
1. Symbols used in wiring diagram above are, []: Terminal (block), []: Connector.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
 - If the separate indoor/outdoor unit power supplied system is applied, refer to Fig. 2.
 - For power supply system of this unit, refer to the caution label located near this diagram.

<Fig. 2>



<Fig. 1> Caution when connecting the remote controller cable to the terminal block TB5



[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

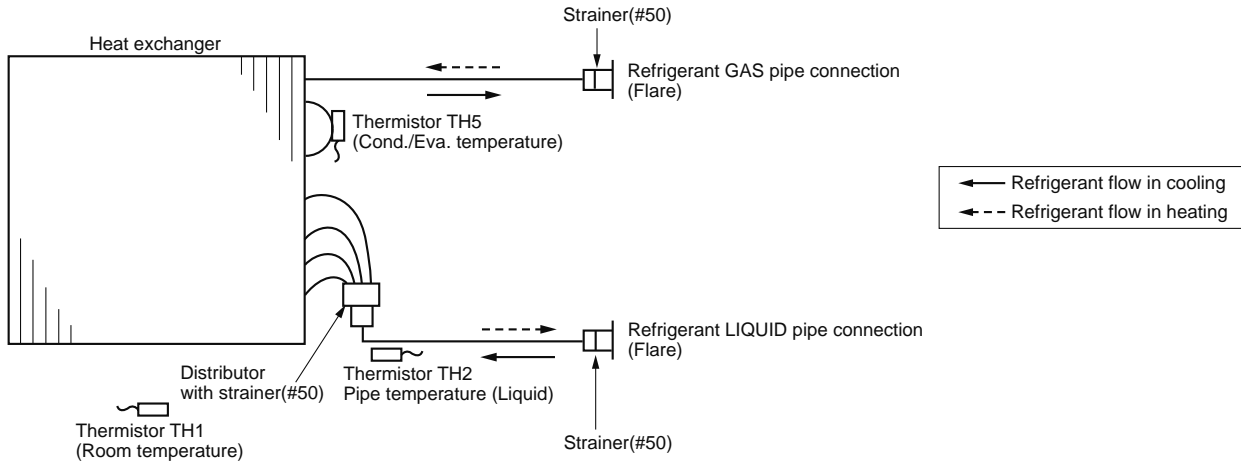
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
P5	Malfunction of Drain pump.	E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P6	Freezing / overheating protection is working.	FB(Fb)	Abnormality of indoor controller board.
P8	Abnormality of pipe temperature.	U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
P9	Abnormality of pipe temperature thermistor / Cond. /Eva. (TH5).		
PA	Leakage error (refrigerant system)		

A.1.4 REFRIGERANT SYSTEM DIAGRAM

PLA-ZM35EA2
 PLA-ZM50EA2
 PLA-ZM60EA2
 PLA-ZM71EA2
 PLA-ZM100EA2
 PLA-ZM125EA2
 PLA-ZM140EA2

PLA-M35EA2
 PLA-M50EA2
 PLA-M60EA2
 PLA-M71EA2
 PLA-M100EA2
 PLA-M125EA2
 PLA-M140EA2

PLA-SM71EA
 PLA-SM100EA
 PLA-SM125EA
 PLA-SM140EA



COOLING CAPACITY
PLA-ZM140EA2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.322	0.92	2.729	9.896	9.104	0.92	2.981	9.659	8.886	0.92	3.232
14	8	10.349	8.797	0.85	2.728	10.072	8.561	0.85	2.984	9.796	8.327	0.85	3.240
14	9	10.777	8.298	0.77	2.723	10.489	8.077	0.77	2.991	10.201	7.855	0.77	3.258
16	8	10.557	9.712	0.92	2.724	10.313	9.488	0.92	2.989	10.068	9.263	0.92	3.253
16	9	10.855	9.010	0.83	2.722	10.566	8.770	0.83	2.992	10.276	8.529	0.83	3.262
16	11	11.355	8.516	0.75	2.715	11.051	8.288	0.75	2.999	10.746	8.060	0.75	3.282
18	10	10.994	10.005	0.91	2.720	10.738	9.772	0.91	2.995	10.481	9.538	0.91	3.271
18	11	11.398	9.346	0.82	2.716	11.092	9.095	0.82	3.000	10.787	8.845	0.82	3.284
18	12	11.968	8.737	0.73	2.707	11.643	8.499	0.73	3.004	11.319	8.263	0.73	3.302
20	16	13.266	7.960	0.60	2.978	12.864	7.718	0.60	3.145	12.462	7.477	0.60	3.331
20	18	14.204	6.818	0.48	3.033	13.802	6.625	0.48	3.201	13.333	6.400	0.48	3.424
20	20	15.276	5.499	0.36	3.126	14.941	5.379	0.36	3.275	14.539	5.234	0.36	3.499
22	16	13.266	9.021	0.68	2.978	12.864	8.748	0.68	3.145	12.462	8.474	0.68	3.331
22	18	14.204	7.954	0.56	3.033	13.802	7.729	0.56	3.201	13.333	7.466	0.56	3.424
22	20	15.276	6.721	0.44	3.126	14.941	6.574	0.44	3.275	14.539	6.397	0.44	3.499
24	16	13.266	10.082	0.76	2.978	12.864	9.777	0.76	3.145	12.462	9.471	0.76	3.331
24	18	14.204	9.091	0.64	3.033	13.802	8.833	0.64	3.201	13.333	8.533	0.64	3.424
24	20	15.276	7.944	0.52	3.126	14.941	7.769	0.52	3.275	14.539	7.560	0.52	3.499
24	22	16.281	6.512	0.40	3.201	15.946	6.378	0.40	3.387	15.544	6.218	0.40	3.610
26	16	13.266	11.143	0.84	2.978	12.864	10.806	0.84	3.145	12.462	10.468	0.84	3.331
26	18	14.204	10.227	0.72	3.033	13.802	9.937	0.72	3.201	13.333	9.600	0.72	3.424
26	20	15.276	9.166	0.60	3.126	14.941	8.965	0.60	3.275	14.539	8.723	0.60	3.499
26	22	16.281	7.815	0.48	3.201	15.946	7.654	0.48	3.387	15.544	7.461	0.48	3.610
27	16	13.266	11.674	0.88	2.978	12.864	11.320	0.88	3.145	12.462	10.967	0.88	3.331
27	18	14.204	10.795	0.76	3.033	13.802	10.490	0.76	3.201	13.333	10.133	0.76	3.424
27	20	15.276	9.777	0.64	3.126	14.941	9.562	0.64	3.275	14.539	9.305	0.64	3.499
27	22	16.281	8.466	0.52	3.201	15.946	8.292	0.52	3.387	15.544	8.083	0.52	3.610
28	16	13.266	12.205	0.92	2.978	12.864	11.835	0.92	3.145	12.462	11.465	0.92	3.331
28	18	14.204	11.363	0.80	3.033	13.802	11.042	0.80	3.201	13.333	10.666	0.80	3.424
28	20	15.276	10.388	0.68	3.126	14.941	10.160	0.68	3.275	14.539	9.887	0.68	3.499
28	22	16.281	9.117	0.56	3.201	15.946	8.930	0.56	3.387	15.544	8.705	0.56	3.610
30	16	13.266	13.266	1.00	2.978	12.864	12.864	1.00	3.145	12.462	12.462	1.00	3.331
30	18	14.204	12.500	0.88	3.033	13.802	12.146	0.88	3.201	13.333	11.733	0.88	3.424
30	20	15.276	11.610	0.76	3.126	14.941	11.355	0.76	3.275	14.539	11.050	0.76	3.499
30	22	16.281	10.420	0.64	3.201	15.946	10.205	0.64	3.387	15.544	9.948	0.64	3.610
32	16	13.266	13.266	1.00	2.978	12.864	12.864	1.00	3.145	12.462	12.462	1.00	3.331
32	18	14.204	13.636	0.96	3.033	13.802	13.250	0.96	3.201	13.333	12.800	0.96	3.424
32	20	15.276	12.832	0.84	3.126	14.941	12.550	0.84	3.275	14.539	12.213	0.84	3.499
32	22	16.281	11.722	0.72	3.201	15.946	11.481	0.72	3.387	15.544	11.192	0.72	3.610
34	16	13.266	13.266	1.00	2.978	12.864	12.864	1.00	3.145	12.462	12.462	1.00	3.331
34	18	14.204	14.204	1.00	3.033	13.802	13.802	1.00	3.201	13.333	13.333	1.00	3.424
34	20	15.276	14.054	0.92	3.126	14.941	13.746	0.92	3.275	14.539	13.376	0.92	3.499
34	22	16.281	13.025	0.80	3.201	15.946	12.757	0.80	3.387	15.544	12.435	0.80	3.610

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	3.519	9.109	8.380	0.92	3.817	8.874	8.164	0.92	4.110
14	8	9.488	8.065	0.85	3.526	9.175	7.799	0.85	3.823	8.926	7.587	0.85	4.117
14	9	9.883	7.610	0.77	3.555	9.545	7.350	0.77	3.859	9.265	7.134	0.77	4.158
16	8	9.796	9.012	0.92	3.549	9.503	8.743	0.92	3.854	9.260	8.519	0.92	4.157
16	9	9.957	8.264	0.83	3.560	9.619	7.984	0.83	3.864	9.348	7.759	0.83	4.167
16	11	10.415	7.811	0.75	3.590	10.061	7.546	0.75	3.904	9.764	7.323	0.75	4.214
18	10	10.203	9.285	0.91	3.576	9.904	9.013	0.91	3.891	9.652	8.783	0.91	4.201
18	11	10.456	8.574	0.82	3.592	10.100	8.282	0.82	3.907	9.803	8.038	0.82	4.219
18	12	10.973	8.010	0.73	3.622	10.602	7.739	0.73	3.948	10.286	7.509	0.73	4.269
20	16	11.926	7.156	0.60	3.573	11.390	6.834	0.60	3.834	10.854	6.512	0.60	4.150
20	18	12.864	6.175	0.48	3.666	12.462	5.982	0.48	3.945	11.658	5.596	0.48	4.243
20	20	13.936	5.017	0.36	3.759	13.400	4.824	0.36	4.020	12.596	4.535	0.36	4.318
22	16	11.926	8.110	0.68	3.573	11.390	7.745	0.68	3.834	10.854	7.381	0.68	4.150
22	18	12.864	7.204	0.56	3.666	12.462	6.979	0.56	3.945	11.658	6.528	0.56	4.243
22	20	13.936	6.132	0.44	3.759	13.400	5.896	0.44	4.020	12.596	5.542	0.44	4.318
24	16	11.926	9.064	0.76	3.573	11.390	8.656	0.76	3.834	10.854	8.249	0.76	4.150
24	18	12.864	8.233	0.64	3.666	12.462	7.976	0.64	3.945	11.658	7.461	0.64	4.243
24	20	13.936	7.247	0.52	3.759	13.400	6.968	0.52	4.020	12.596	6.550	0.52	4.318
24	22	15.008	6.003	0.40	3.834	14.472	5.789	0.40	4.131	13.668	5.467	0.40	4.392
26	16	11.926	10.018	0.84	3.573	11.390	9.568	0.84	3.834	10.854	9.117	0.84	4.150
26	18	12.864	9.262	0.72	3.666	12.462	8.973	0.72	3.945	11.658	8.394	0.72	4.243
26	20	13.936	8.362	0.60	3.759	13.400	8.040	0.60	4.020	12.596	7.558	0.60	4.318
26	22	15.008	7.204	0.48	3.834	14.472	6.947	0.48	4.131	13.668	6.561	0.48	4.392
27	16	11.926	10.495	0.88	3.573	11.390	10.023	0.88	3.834	10.854	9.552	0.88	4.150
27	18	12.864	9.777	0.76	3.666	12.462	9.471	0.76	3.945	11.658	8.860	0.76	4.243
27	20	13.936	8.919	0.64	3.759	13.400	8.576	0.64	4.020	12.596	8.061	0.64	4.318
27	22	15.008	7.804	0.52	3.834	14.472	7.525	0.52	4.131	13.668	7.107	0.52	4.392
28	16	11.926	10.972	0.92	3.573	11.390	10.479	0.92	3.834	10.854	9.986	0.92	4.150
28	18	12.864	10.291	0.80	3.666	12.462	9.970	0.80	3.945	11.658	9.326	0.80	4.243
28	20	13.936	9.476	0.68	3.759	13.400	9.112	0.68	4.020	12.596	8.565	0.68	4.318
28	22	15.008	8.404	0.56	3.834	14.472	8.104	0.56	4.131	13.668	7.654	0.56	4.392
30	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
30	18	12.864	11.320	0.88	3.666	12.462	10.967	0.88	3.945	11.658	10.259	0.88	4.243
30	20	13.936	10.591	0.76	3.759	13.400	10.184	0.76	4.020	12.596	9.573	0.76	4.318
30	22	15.008	9.605	0.64	3.834	14.472	9.262	0.64	4.131	13.668	8.748	0.64	4.392
32	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
32	18	12.864	12.349	0.96	3.666	12.462	11.964	0.96	3.945	11.658	11.192	0.96	4.243
32	20	13.936	11.706	0.84	3.759	13.400	11.256	0.84	4.020	12.596	10.581	0.84	4.318
32	22	15.008	10.806	0.72	3.834	14.472	10.420	0.72	4.131	13.668	9.841	0.72	4.392
34	16	11.926	11.926	1.00	3.573	11.390	11.390	1.00	3.834	10.854	10.854	1.00	4.150
34	18	12.864	12.864</										

HEATING CAPACITY

PLA-ZM-EA2 / PUZ-ZM-VKA2 PUZ-ZM-VHA2 PUZ-ZM-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM35EA2	15	2.604	0.484	2.829	0.533	3.157	0.615	4.141	0.738	4.674	0.820	5.207	0.886
	20	2.501	0.525	2.706	0.574	2.993	0.664	3.998	0.795	4.510	0.886	5.023	0.951
	25	2.419	0.558	2.624	0.623	2.870	0.722	3.772	0.845	4.346	0.947	4.838	1.021
PLA-ZM50EA2	15	3.810	0.804	4.140	0.886	4.620	1.022	6.060	1.227	6.840	1.363	7.620	1.472
	20	3.660	0.872	3.960	0.954	4.380	1.104	5.850	1.322	6.600	1.472	7.350	1.581
	25	3.540	0.927	3.840	1.036	4.200	1.199	5.520	1.404	6.360	1.574	7.080	1.697
PLA-ZM60EA2	15	4.445	1.007	4.830	1.110	5.390	1.280	7.070	1.536	7.980	1.707	8.890	1.844
	20	4.270	1.092	4.620	1.195	5.110	1.383	6.825	1.656	7.700	1.844	8.575	1.980
	25	4.130	1.161	4.480	1.297	4.900	1.502	6.440	1.758	7.420	1.972	8.260	2.125
PLA-ZM71EA2	15	5.080	1.073	5.520	1.182	6.160	1.364	8.080	1.636	9.120	1.818	10.160	1.963
	20	4.880	1.164	5.280	1.273	5.840	1.473	7.800	1.763	8.800	1.963	9.800	2.109
	25	4.720	1.236	5.120	1.382	5.600	1.600	7.360	1.873	8.480	2.100	9.440	2.263
PLA-ZM100EA2	15	7.112	1.536	7.728	1.693	8.624	1.953	11.312	2.344	12.768	2.604	14.224	2.812
	20	6.832	1.667	7.392	1.823	8.176	2.109	10.920	2.526	12.320	2.812	13.720	3.021
	25	6.608	1.771	7.168	1.979	7.840	2.292	10.304	2.682	11.872	3.008	13.216	3.242
PLA-ZM125EA2	15	8.890	2.168	9.660	2.388	10.780	2.756	14.140	3.307	15.960	3.674	17.780	3.968
	20	8.540	2.351	9.240	2.572	10.220	2.976	13.650	3.564	15.400	3.968	17.150	4.262
	25	8.260	2.498	8.960	2.792	9.800	3.233	12.880	3.784	14.840	4.243	16.520	4.574
PLA-ZM140EA2	15	10.160	2.544	11.040	2.803	12.320	3.234	16.160	3.881	18.240	4.312	20.320	4.657
	20	9.760	2.760	10.560	3.018	11.680	3.493	15.600	4.183	17.600	4.657	19.600	5.002
	25	9.440	2.932	10.240	3.277	11.200	3.795	14.720	4.441	16.960	4.980	18.880	5.368

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M50EA2 / PUZ-ZM50VKA2

Table with columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), Outdoor intake air DB°C (20, 25, 30). Rows show capacity data for various indoor conditions (14°C to 34°C) and outdoor DB°C values (20, 25, 30). Columns include CA (kW), SHC (kW), SHF, and P.C. (kW).

Table with columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), Outdoor intake air DB°C (35, 40, 45). Rows show capacity data for various indoor conditions (14°C to 34°C) and outdoor DB°C values (35, 40, 45). Columns include CA (kW), SHC (kW), SHF, and P.C. (kW).

When the indoor dry bulb temperature is lower than 20 °C, for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

Table with 4 columns: Indoor intake air D. B., Capacity ratio, Input ratio, and temperature values (14°C, 16°C, 18°C).

Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C) P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M125EA2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (20, 25, 30). Rows list capacity values for various indoor conditions.

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (35, 40, 45). Rows list capacity values for various indoor conditions.

When the indoor dry bulb temperature is lower than 20 °C , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

Table with columns for Indoor intake air D.B. (14°C, 16°C, 18°C) and rows for Capacity ratio (42%, 48%, 52%) and Input ratio (56%, 70%, 71%). Includes a note for CA, SHC, P.C., and SHF.

COOLING CAPACITY
PLA-M140EA2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.322	0.92	2.746	9.896	9.104	0.92	3.000	9.659	8.886	0.92	3.253
14	8	10.349	8.797	0.85	2.745	10.072	8.561	0.85	3.003	9.796	8.327	0.85	3.261
14	9	10.777	8.298	0.77	2.741	10.489	8.077	0.77	3.010	10.201	7.855	0.77	3.279
16	8	10.557	9.712	0.92	2.742	10.313	9.488	0.92	3.008	10.068	9.263	0.92	3.274
16	9	10.855	9.010	0.83	2.740	10.566	8.770	0.83	3.011	10.276	8.529	0.83	3.283
16	11	11.355	8.516	0.75	2.733	11.051	8.288	0.75	3.018	10.746	8.060	0.75	3.304
18	10	10.994	10.005	0.91	2.737	10.738	9.772	0.91	3.015	10.481	9.538	0.91	3.292
18	11	11.398	9.346	0.82	2.734	11.092	9.095	0.82	3.019	10.787	8.845	0.82	3.305
18	12	11.968	8.737	0.73	2.725	11.643	8.499	0.73	3.024	11.319	8.263	0.73	3.323
20	16	13.266	7.960	0.60	2.997	12.864	7.718	0.60	3.165	12.462	7.477	0.60	3.353
20	18	14.204	6.818	0.48	3.053	13.802	6.625	0.48	3.222	13.333	6.400	0.48	3.446
20	20	15.276	5.499	0.36	3.147	14.941	5.379	0.36	3.296	14.539	5.234	0.36	3.521
22	16	13.266	9.021	0.68	2.997	12.864	8.748	0.68	3.165	12.462	8.474	0.68	3.353
22	18	14.204	7.954	0.56	3.053	13.802	7.729	0.56	3.222	13.333	7.466	0.56	3.446
22	20	15.276	6.721	0.44	3.147	14.941	6.574	0.44	3.296	14.539	6.397	0.44	3.521
24	16	13.266	10.082	0.76	2.997	12.864	9.777	0.76	3.165	12.462	9.471	0.76	3.353
24	18	14.204	9.091	0.64	3.053	13.802	8.833	0.64	3.222	13.333	8.533	0.64	3.446
24	20	15.276	7.944	0.52	3.147	14.941	7.769	0.52	3.296	14.539	7.560	0.52	3.521
24	22	16.281	6.512	0.40	3.222	15.946	6.378	0.40	3.409	15.544	6.218	0.40	3.634
26	16	13.266	11.143	0.84	2.997	12.864	10.806	0.84	3.165	12.462	10.468	0.84	3.353
26	18	14.204	10.227	0.72	3.053	13.802	9.937	0.72	3.222	13.333	9.600	0.72	3.446
26	20	15.276	9.166	0.60	3.147	14.941	8.965	0.60	3.296	14.539	8.723	0.60	3.521
26	22	16.281	7.815	0.48	3.222	15.946	7.654	0.48	3.409	15.544	7.461	0.48	3.634
27	16	13.266	11.674	0.88	2.997	12.864	11.320	0.88	3.165	12.462	10.967	0.88	3.353
27	18	14.204	10.795	0.76	3.053	13.802	10.490	0.76	3.222	13.333	10.133	0.76	3.446
27	20	15.276	9.777	0.64	3.147	14.941	9.562	0.64	3.296	14.539	9.305	0.64	3.521
27	22	16.281	8.466	0.52	3.222	15.946	8.292	0.52	3.409	15.544	8.083	0.52	3.634
28	16	13.266	12.205	0.92	2.997	12.864	11.835	0.92	3.165	12.462	11.465	0.92	3.353
28	18	14.204	11.363	0.80	3.053	13.802	11.042	0.80	3.222	13.333	10.666	0.80	3.446
28	20	15.276	10.388	0.68	3.147	14.941	10.160	0.68	3.296	14.539	9.887	0.68	3.521
28	22	16.281	9.117	0.56	3.222	15.946	8.930	0.56	3.409	15.544	8.705	0.56	3.634
30	16	13.266	13.266	1.00	2.997	12.864	12.864	1.00	3.165	12.462	12.462	1.00	3.353
30	18	14.204	12.500	0.88	3.053	13.802	12.146	0.88	3.222	13.333	11.733	0.88	3.446
30	20	15.276	11.610	0.76	3.147	14.941	11.355	0.76	3.296	14.539	11.050	0.76	3.521
30	22	16.281	10.420	0.64	3.222	15.946	10.205	0.64	3.409	15.544	9.948	0.64	3.634
32	16	13.266	13.266	1.00	2.997	12.864	12.864	1.00	3.165	12.462	12.462	1.00	3.353
32	18	14.204	13.636	0.96	3.053	13.802	13.250	0.96	3.222	13.333	12.800	0.96	3.446
32	20	15.276	12.832	0.84	3.147	14.941	12.550	0.84	3.296	14.539	12.213	0.84	3.521
32	22	16.281	11.722	0.72	3.222	15.946	11.481	0.72	3.409	15.544	11.192	0.72	3.634
34	16	13.266	13.266	1.00	2.997	12.864	12.864	1.00	3.165	12.462	12.462	1.00	3.353
34	18	14.204	14.204	1.00	3.053	13.802	13.802	1.00	3.222	13.333	13.333	1.00	3.446
34	20	15.276	14.054	0.92	3.147	14.941	13.746	0.92	3.296	14.539	13.376	0.92	3.521
34	22	16.281	13.025	0.80	3.222	15.946	12.757	0.80	3.409	15.544	12.435	0.80	3.634

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.642	0.92	3.542	9.109	8.380	0.92	3.841	8.874	8.164	0.92	4.137
14	8	9.488	8.065	0.85	3.549	9.175	7.799	0.85	3.848	8.926	7.587	0.85	4.144
14	9	9.883	7.610	0.77	3.577	9.545	7.350	0.77	3.884	9.265	7.134	0.77	4.185
16	8	9.796	9.012	0.92	3.572	9.503	8.743	0.92	3.879	9.260	8.519	0.92	4.184
16	9	9.957	8.264	0.83	3.583	9.619	7.984	0.83	3.889	9.348	7.759	0.83	4.194
16	11	10.415	7.811	0.75	3.613	10.061	7.546	0.75	3.929	9.764	7.323	0.75	4.241
18	10	10.203	9.285	0.91	3.599	9.904	9.013	0.91	3.916	9.652	8.783	0.91	4.229
18	11	10.456	8.574	0.82	3.615	10.100	8.282	0.82	3.932	9.803	8.038	0.82	4.246
18	12	10.973	8.010	0.73	3.645	10.602	7.739	0.73	3.973	10.286	7.509	0.73	4.296
20	16	11.926	7.156	0.60	3.596	11.390	6.834	0.60	3.858	10.854	6.512	0.60	4.177
20	18	12.864	6.175	0.48	3.690	12.462	5.982	0.48	3.971	11.658	5.596	0.48	4.270
20	20	13.936	5.017	0.36	3.783	13.400	4.824	0.36	4.046	12.596	4.535	0.36	4.345
22	16	11.926	8.110	0.68	3.596	11.390	7.745	0.68	3.858	10.854	7.381	0.68	4.177
22	18	12.864	7.204	0.56	3.690	12.462	6.979	0.56	3.971	11.658	6.528	0.56	4.270
22	20	13.936	6.132	0.44	3.783	13.400	5.896	0.44	4.046	12.596	5.542	0.44	4.345
24	16	11.926	9.064	0.76	3.596	11.390	8.656	0.76	3.858	10.854	8.249	0.76	4.177
24	18	12.864	8.233	0.64	3.690	12.462	7.976	0.64	3.971	11.658	7.461	0.64	4.270
24	20	13.936	7.247	0.52	3.783	13.400	6.968	0.52	4.046	12.596	6.550	0.52	4.345
24	22	15.008	6.003	0.40	3.858	14.472	5.789	0.40	4.158	13.668	5.467	0.40	4.420
26	16	11.926	10.018	0.84	3.596	11.390	9.568	0.84	3.858	10.854	9.117	0.84	4.177
26	18	12.864	9.262	0.72	3.690	12.462	8.973	0.72	3.971	11.658	8.394	0.72	4.270
26	20	13.936	8.362	0.60	3.783	13.400	8.040	0.60	4.046	12.596	7.558	0.60	4.345
26	22	15.008	7.204	0.48	3.858	14.472	6.947	0.48	4.158	13.668	6.561	0.48	4.420
27	16	11.926	10.495	0.88	3.596	11.390	10.023	0.88	3.858	10.854	9.552	0.88	4.177
27	18	12.864	9.777	0.76	3.690	12.462	9.471	0.76	3.971	11.658	8.860	0.76	4.270
27	20	13.936	8.919	0.64	3.783	13.400	8.576	0.64	4.046	12.596	8.061	0.64	4.345
27	22	15.008	7.804	0.52	3.858	14.472	7.525	0.52	4.158	13.668	7.107	0.52	4.420
28	16	11.926	10.972	0.92	3.596	11.390	10.479	0.92	3.858	10.854	9.986	0.92	4.177
28	18	12.864	10.291	0.80	3.690	12.462	9.970	0.80	3.971	11.658	9.326	0.80	4.270
28	20	13.936	9.476	0.68	3.783	13.400	9.112	0.68	4.046	12.596	8.565	0.68	4.345
28	22	15.008	8.404	0.56	3.858	14.472	8.104	0.56	4.158	13.668	7.654	0.56	4.420
30	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
30	18	12.864	11.320	0.88	3.690	12.462	10.967	0.88	3.971	11.658	10.259	0.88	4.270
30	20	13.936	10.591	0.76	3.783	13.400	10.184	0.76	4.046	12.596	9.573	0.76	4.345
30	22	15.008	9.605	0.64	3.858	14.472	9.262	0.64	4.158	13.668	8.748	0.64	4.420
32	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
32	18	12.864	12.349	0.96	3.690	12.462	11.964	0.96	3.971	11.658	11.192	0.96	4.270
32	20	13.936	11.706	0.84	3.783	13.400	11.256	0.84	4.046	12.596	10.581	0.84	4.345
32	22	15.008	10.806	0.72	3.858	14.472	10.420	0.72	4.158	13.668	9.841	0.72	4.420
34	16	11.926	11.926	1.00	3.596	11.390	11.390	1.00	3.858	10.854	10.854	1.00	4.177
34	18	12.864	12.864										

**COOLING CAPACITY
PLA-M35EA2 / SUZ-M35VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	3.088	0.73	0.720	4.050	2.957	0.73	0.756	3.888	2.838	0.73	0.792	3.744	2.733	0.73	0.828
21	20	4.410	2.690	0.61	0.756	4.230	2.580	0.61	0.801	4.104	2.503	0.61	0.819	3.960	2.416	0.61	0.855
22	18	4.230	3.257	0.77	0.720	4.050	3.119	0.77	0.756	3.888	2.994	0.77	0.792	3.744	2.883	0.77	0.828
22	20	4.410	2.867	0.65	0.756	4.230	2.750	0.65	0.801	4.104	2.668	0.65	0.819	3.960	2.574	0.65	0.855
22	22	4.590	2.433	0.53	0.783	4.428	2.347	0.53	0.833	4.320	2.290	0.53	0.855	4.140	2.194	0.53	0.891
23	18	4.230	3.426	0.81	0.720	4.050	3.281	0.81	0.756	3.888	3.149	0.81	0.792	3.744	3.033	0.81	0.828
23	20	4.410	3.043	0.69	0.756	4.230	2.919	0.69	0.801	4.104	2.832	0.69	0.819	3.960	2.732	0.69	0.855
23	22	4.590	2.616	0.57	0.783	4.428	2.524	0.57	0.833	4.320	2.462	0.57	0.855	4.140	2.360	0.57	0.891
24	18	4.230	3.596	0.85	0.720	4.050	3.443	0.85	0.756	3.888	3.305	0.85	0.792	3.744	3.182	0.85	0.828
24	20	4.410	3.219	0.73	0.756	4.230	3.088	0.73	0.801	4.104	2.996	0.73	0.819	3.960	2.891	0.73	0.855
24	22	4.590	2.800	0.61	0.783	4.428	2.701	0.61	0.833	4.320	2.635	0.61	0.855	4.140	2.525	0.61	0.891
24	24	4.824	2.364	0.49	0.819	4.644	2.276	0.49	0.864	4.536	2.223	0.49	0.891	4.392	2.152	0.49	0.936
25	20	4.410	3.396	0.77	0.756	4.230	3.257	0.77	0.801	4.104	3.160	0.77	0.819	3.960	3.049	0.77	0.855
25	22	4.590	2.984	0.65	0.783	4.428	2.878	0.65	0.833	4.320	2.808	0.65	0.855	4.140	2.691	0.65	0.891
25	24	4.824	2.557	0.53	0.819	4.644	2.461	0.53	0.864	4.536	2.404	0.53	0.891	4.392	2.328	0.53	0.936
26	18	4.230	3.934	0.93	0.720	4.050	3.767	0.93	0.756	3.888	3.616	0.93	0.792	3.744	3.482	0.93	0.828
26	20	4.410	3.572	0.81	0.756	4.230	3.426	0.81	0.801	4.104	3.324	0.81	0.819	3.960	3.208	0.81	0.855
26	22	4.590	3.167	0.69	0.783	4.428	3.055	0.69	0.833	4.320	2.981	0.69	0.855	4.140	2.857	0.69	0.891
26	24	4.824	2.750	0.57	0.819	4.644	2.647	0.57	0.864	4.536	2.586	0.57	0.891	4.392	2.503	0.57	0.936
26	26	4.968	2.236	0.45	0.864	4.824	2.171	0.45	0.909	4.752	2.138	0.45	0.936	4.608	2.074	0.45	0.963
27	18	4.230	4.103	0.97	0.720	4.050	3.929	0.97	0.756	3.888	3.771	0.97	0.792	3.744	3.632	0.97	0.828
27	20	4.410	3.749	0.85	0.756	4.230	3.596	0.85	0.801	4.104	3.488	0.85	0.819	3.960	3.366	0.85	0.855
27	22	4.590	3.351	0.73	0.783	4.428	3.232	0.73	0.833	4.320	3.154	0.73	0.855	4.140	3.022	0.73	0.891
27	24	4.824	2.943	0.61	0.819	4.644	2.833	0.61	0.864	4.536	2.767	0.61	0.891	4.392	2.679	0.61	0.936
27	26	4.968	2.434	0.49	0.864	4.824	2.364	0.49	0.909	4.752	2.328	0.49	0.936	4.608	2.258	0.49	0.963
28	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
28	20	4.410	3.925	0.89	0.756	4.230	3.765	0.89	0.801	4.104	3.653	0.89	0.819	3.960	3.524	0.89	0.855
28	22	4.590	3.534	0.77	0.783	4.428	3.410	0.77	0.833	4.320	3.326	0.77	0.855	4.140	3.188	0.77	0.891
28	24	4.824	3.136	0.65	0.819	4.644	3.019	0.65	0.864	4.536	2.948	0.65	0.891	4.392	2.855	0.65	0.936
28	26	4.968	2.633	0.53	0.864	4.824	2.557	0.53	0.909	4.752	2.519	0.53	0.936	4.608	2.442	0.53	0.963
29	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
29	20	4.410	4.101	0.93	0.756	4.230	3.934	0.93	0.801	4.104	3.817	0.93	0.819	3.960	3.683	0.93	0.855
29	22	4.590	3.718	0.81	0.783	4.428	3.587	0.81	0.833	4.320	3.499	0.81	0.855	4.140	3.353	0.81	0.891
29	24	4.824	3.329	0.69	0.819	4.644	3.204	0.69	0.864	4.536	3.130	0.69	0.891	4.392	3.030	0.69	0.936
29	26	4.968	2.832	0.57	0.864	4.824	2.750	0.57	0.909	4.752	2.709	0.57	0.936	4.608	2.627	0.57	0.963
30	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
30	20	4.410	4.278	0.97	0.756	4.230	4.103	0.97	0.801	4.104	3.981	0.97	0.819	3.960	3.841	0.97	0.855
30	22	4.590	3.902	0.85	0.783	4.428	3.764	0.85	0.833	4.320	3.672	0.85	0.855	4.140	3.519	0.85	0.891
30	24	4.824	3.522	0.73	0.819	4.644	3.390	0.73	0.864	4.536	3.311	0.73	0.891	4.392	3.206	0.73	0.936
30	26	4.968	3.030	0.61	0.864	4.824	2.943	0.61	0.909	4.752	2.899	0.61	0.936	4.608	2.811	0.61	0.963
31	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
31	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
31	22	4.590	4.085	0.89	0.783	4.428	3.941	0.89	0.833	4.320	3.845	0.89	0.855	4.140	3.685	0.89	0.891
31	24	4.824	3.714	0.77	0.819	4.644	3.576	0.77	0.864	4.536	3.493	0.77	0.891	4.392	3.382	0.77	0.936
31	26	4.968	3.229	0.65	0.864	4.824	3.136	0.65	0.909	4.752	3.089	0.65	0.936	4.608	2.995	0.65	0.963
32	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
32	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
32	22	4.590	4.269	0.93	0.783	4.428	4.118	0.93	0.833	4.320	4.018	0.93	0.855	4.140	3.850	0.93	0.891
32	24	4.824	3.907	0.81	0.819	4.644	3.762	0.81	0.864	4.536	3.674	0.81	0.891	4.392	3.558	0.81	0.936
32	26	4.968	3.428	0.69	0.864	4.824	3.329	0.69	0.909	4.752	3.279	0.69	0.936	4.608	3.180	0.69	0.963

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M35EA2 / SUZ-M35VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.575	0.73	0.882	3.240	2.365	0.73	0.936	2.988	2.181	0.73	0.972
21	20	3.708	2.262	0.61	0.918	3.456	2.108	0.61	0.963	3.204	1.954	0.61	1.017
22	18	3.528	2.717	0.77	0.882	3.240	2.495	0.77	0.936	2.988	2.301	0.77	0.972
22	20	3.708	2.410	0.65	0.918	3.456	2.246	0.65	0.963	3.204	2.083	0.65	1.017
22	22	3.924	2.080	0.53	0.954	3.672	1.946	0.53	1.008	3.420	1.813	0.53	1.044
23	18	3.528	2.858	0.81	0.882	3.240	2.624	0.81	0.936	2.988	2.420	0.81	0.972
23	20	3.708	2.559	0.69	0.918	3.456	2.385	0.69	0.963	3.204	2.211	0.69	1.017
23	22	3.924	2.237	0.57	0.954	3.672	2.093	0.57	1.008	3.420	1.949	0.57	1.044
24	18	3.528	2.999	0.85	0.882	3.240	2.754	0.85	0.936	2.988	2.540	0.85	0.972
24	20	3.708	2.707	0.73	0.918	3.456	2.523	0.73	0.963	3.204	2.339	0.73	1.017
24	22	3.924	2.394	0.61	0.954	3.672	2.240	0.61	1.008	3.420	2.086	0.61	1.044
24	24	4.140	2.029	0.49	0.990	3.888	1.905	0.49	1.035	3.672	1.799	0.49	1.080
25	20	3.708	2.855	0.77	0.918	3.456	2.661	0.77	0.963	3.204	2.467	0.77	1.017
25	22	3.924	2.551	0.65	0.954	3.672	2.387	0.65	1.008	3.420	2.223	0.65	1.044
25	24	4.140	2.194	0.53	0.990	3.888	2.061	0.53	1.035	3.672	1.946	0.53	1.080
26	18	3.528	3.281	0.93	0.882	3.240	3.013	0.93	0.936	2.988	2.779	0.93	0.972
26	20	3.708	3.003	0.81	0.918	3.456	2.799	0.81	0.963	3.204	2.595	0.81	1.017
26	22	3.924	2.708	0.69	0.954	3.672	2.534	0.69	1.008	3.420	2.360	0.69	1.044
26	24	4.140	2.360	0.57	0.990	3.888	2.216	0.57	1.035	3.672	2.093	0.57	1.080
26	26	4.356	1.960	0.45	1.026	4.104	1.847	0.45	1.071	3.852	1.733	0.45	1.116
27	18	3.528	3.422	0.97	0.882	3.240	3.143	0.97	0.936	2.988	2.898	0.97	0.972
27	20	3.708	3.152	0.85	0.918	3.456	2.938	0.85	0.963	3.204	2.723	0.85	1.017
27	22	3.924	2.865	0.73	0.954	3.672	2.681	0.73	1.008	3.420	2.497	0.73	1.044
27	24	4.140	2.525	0.61	0.990	3.888	2.372	0.61	1.035	3.672	2.240	0.61	1.080
27	26	4.356	2.134	0.49	1.026	4.104	2.011	0.49	1.071	3.852	1.887	0.49	1.116
28	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
28	20	3.708	3.300	0.89	0.918	3.456	3.076	0.89	0.963	3.204	2.852	0.89	1.017
28	22	3.924	3.021	0.77	0.954	3.672	2.827	0.77	1.008	3.420	2.633	0.77	1.044
28	24	4.140	2.691	0.65	0.990	3.888	2.527	0.65	1.035	3.672	2.387	0.65	1.080
28	26	4.356	2.309	0.53	1.026	4.104	2.175	0.53	1.071	3.852	2.042	0.53	1.116
29	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
29	20	3.708	3.448	0.93	0.918	3.456	3.214	0.93	0.963	3.204	2.980	0.93	1.017
29	22	3.924	3.178	0.81	0.954	3.672	2.974	0.81	1.008	3.420	2.770	0.81	1.044
29	24	4.140	2.857	0.69	0.990	3.888	2.683	0.69	1.035	3.672	2.534	0.69	1.080
29	26	4.356	2.483	0.57	1.026	4.104	2.339	0.57	1.071	3.852	2.196	0.57	1.116
30	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
30	20	3.708	3.597	0.97	0.918	3.456	3.352	0.97	0.963	3.204	3.108	0.97	1.017
30	22	3.924	3.335	0.85	0.954	3.672	3.121	0.85	1.008	3.420	2.907	0.85	1.044
30	24	4.140	3.022	0.73	0.990	3.888	2.838	0.73	1.035	3.672	2.681	0.73	1.080
30	26	4.356	2.657	0.61	1.026	4.104	2.503	0.61	1.071	3.852	2.350	0.61	1.116
31	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
31	20	3.708	3.708	1.00	0.918	3.456	3.456	1.00	0.963	3.204	3.204	1.00	1.017
31	22	3.924	3.492	0.89	0.954	3.672	3.268	0.89	1.008	3.420	3.044	0.89	1.044
31	24	4.140	3.188	0.77	0.990	3.888	2.994	0.77	1.035	3.672	2.827	0.77	1.080
31	26	4.356	2.831	0.65	1.026	4.104	2.668	0.65	1.071	3.852	2.504	0.65	1.116
32	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
32	20	3.708	3.708	1.00	0.918	3.456	3.456	1.00	0.963	3.204	3.204	1.00	1.017
32	22	3.924	3.649	0.93	0.954	3.672	3.415	0.93	1.008	3.420	3.181	0.93	1.044
32	24	4.140	3.353	0.81	0.990	3.888	3.149	0.81	1.035	3.672	2.974	0.81	1.080
32	26	4.356	3.006	0.69	1.026	4.104	2.832	0.69	1.071	3.852	2.658	0.69	1.116

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M50EA2 / SUZ-M50VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.463	3.813	0.59	1.294	6.188	3.651	0.59	1.358	5.940	3.505	0.59	1.423	5.720	3.375	0.59	1.488
21	20	6.738	3.167	0.47	1.358	6.463	3.038	0.47	1.439	6.270	2.947	0.47	1.471	6.050	2.844	0.47	1.536
22	18	6.463	4.072	0.63	1.294	6.188	3.898	0.63	1.358	5.940	3.742	0.63	1.423	5.720	3.604	0.63	1.488
22	20	6.738	3.436	0.51	1.358	6.463	3.296	0.51	1.439	6.270	3.198	0.51	1.471	6.050	3.086	0.51	1.536
22	22	7.013	2.735	0.39	1.407	6.765	2.638	0.39	1.496	6.600	2.574	0.39	1.536	6.325	2.467	0.39	1.601
23	18	6.463	4.330	0.67	1.294	6.188	4.146	0.67	1.358	5.940	3.980	0.67	1.423	5.720	3.832	0.67	1.488
23	20	6.738	3.706	0.55	1.358	6.463	3.555	0.55	1.439	6.270	3.449	0.55	1.471	6.050	3.328	0.55	1.536
23	22	7.013	3.016	0.43	1.407	6.765	2.909	0.43	1.496	6.600	2.838	0.43	1.536	6.325	2.720	0.43	1.601
24	18	6.463	4.589	0.71	1.294	6.188	4.393	0.71	1.358	5.940	4.217	0.71	1.423	5.720	4.061	0.71	1.488
24	20	6.738	3.975	0.59	1.358	6.463	3.813	0.59	1.439	6.270	3.699	0.59	1.471	6.050	3.570	0.59	1.536
24	22	7.013	3.296	0.47	1.407	6.765	3.180	0.47	1.496	6.600	3.102	0.47	1.536	6.325	2.973	0.47	1.601
24	24	7.370	2.580	0.35	1.471	7.095	2.483	0.35	1.552	6.930	2.426	0.35	1.601	6.710	2.349	0.35	1.682
25	20	6.738	4.245	0.63	1.358	6.463	4.072	0.63	1.439	6.270	3.950	0.63	1.471	6.050	3.812	0.63	1.536
25	22	7.013	3.577	0.51	1.407	6.765	3.450	0.51	1.496	6.600	3.366	0.51	1.536	6.325	3.226	0.51	1.601
25	24	7.370	2.874	0.39	1.471	7.095	2.767	0.39	1.552	6.930	2.703	0.39	1.601	6.710	2.617	0.39	1.682
26	18	6.463	5.106	0.79	1.294	6.188	4.889	0.79	1.358	5.940	4.693	0.79	1.423	5.720	4.519	0.79	1.488
26	20	6.738	4.514	0.67	1.358	6.463	4.330	0.67	1.439	6.270	4.201	0.67	1.471	6.050	4.054	0.67	1.536
26	22	7.013	3.857	0.55	1.407	6.765	3.721	0.55	1.496	6.600	3.630	0.55	1.536	6.325	3.479	0.55	1.601
26	24	7.370	3.169	0.43	1.471	7.095	3.051	0.43	1.552	6.930	2.980	0.43	1.601	6.710	2.885	0.43	1.682
26	26	7.590	2.353	0.31	1.552	7.370	2.285	0.31	1.633	7.260	2.251	0.31	1.682	7.040	2.182	0.31	1.730
27	18	6.463	5.364	0.83	1.294	6.188	5.136	0.83	1.358	5.940	4.930	0.83	1.423	5.720	4.748	0.83	1.488
27	20	6.738	4.784	0.71	1.358	6.463	4.589	0.71	1.439	6.270	4.452	0.71	1.471	6.050	4.296	0.71	1.536
27	22	7.013	4.138	0.59	1.407	6.765	3.991	0.59	1.496	6.600	3.894	0.59	1.536	6.325	3.732	0.59	1.601
27	24	7.370	3.464	0.47	1.471	7.095	3.335	0.47	1.552	6.930	3.257	0.47	1.601	6.710	3.154	0.47	1.682
27	26	7.590	2.657	0.35	1.552	7.370	2.580	0.35	1.633	7.260	2.541	0.35	1.682	7.040	2.464	0.35	1.730
28	18	6.463	5.623	0.87	1.294	6.188	5.384	0.87	1.358	5.940	5.168	0.87	1.423	5.720	4.976	0.87	1.488
28	20	6.738	5.054	0.75	1.358	6.463	4.847	0.75	1.439	6.270	4.703	0.75	1.471	6.050	4.538	0.75	1.536
28	22	7.013	4.418	0.63	1.407	6.765	4.262	0.63	1.496	6.600	4.158	0.63	1.536	6.325	3.985	0.63	1.601
28	24	7.370	3.759	0.51	1.471	7.095	3.618	0.51	1.552	6.930	3.534	0.51	1.601	6.710	3.422	0.51	1.682
28	26	7.590	2.960	0.39	1.552	7.370	2.874	0.39	1.633	7.260	2.831	0.39	1.682	7.040	2.746	0.39	1.730
29	18	6.463	5.881	0.91	1.294	6.188	5.631	0.91	1.358	5.940	5.405	0.91	1.423	5.720	5.205	0.91	1.488
29	20	6.738	5.323	0.79	1.358	6.463	5.106	0.79	1.439	6.270	4.953	0.79	1.471	6.050	4.780	0.79	1.536
29	22	7.013	4.699	0.67	1.407	6.765	4.533	0.67	1.496	6.600	4.422	0.67	1.536	6.325	4.238	0.67	1.601
29	24	7.370	4.054	0.55	1.471	7.095	3.902	0.55	1.552	6.930	3.812	0.55	1.601	6.710	3.691	0.55	1.682
29	26	7.590	3.264	0.43	1.552	7.370	3.169	0.43	1.633	7.260	3.122	0.43	1.682	7.040	3.027	0.43	1.730
30	18	6.463	6.140	0.95	1.294	6.188	5.879	0.95	1.358	5.940	5.643	0.95	1.423	5.720	5.434	0.95	1.488
30	20	6.738	5.593	0.83	1.358	6.463	5.364	0.83	1.439	6.270	5.204	0.83	1.471	6.050	5.022	0.83	1.536
30	22	7.013	4.979	0.71	1.407	6.765	4.803	0.71	1.496	6.600	4.686	0.71	1.536	6.325	4.491	0.71	1.601
30	24	7.370	4.348	0.59	1.471	7.095	4.186	0.59	1.552	6.930	4.089	0.59	1.601	6.710	3.959	0.59	1.682
30	26	7.590	3.567	0.47	1.552	7.370	3.464	0.47	1.633	7.260	3.412	0.47	1.682	7.040	3.309	0.47	1.730
31	18	6.463	6.398	0.99	1.294	6.188	6.126	0.99	1.358	5.940	5.881	0.99	1.423	5.720	5.663	0.99	1.488
31	20	6.738	5.862	0.87	1.358	6.463	5.623	0.87	1.439	6.270	5.455	0.87	1.471	6.050	5.264	0.87	1.536
31	22	7.013	5.260	0.75	1.407	6.765	5.074	0.75	1.496	6.600	4.950	0.75	1.536	6.325	4.744	0.75	1.601
31	24	7.370	4.643	0.63	1.471	7.095	4.470	0.63	1.552	6.930	4.366	0.63	1.601	6.710	4.227	0.63	1.682
31	26	7.590	3.871	0.51	1.552	7.370	3.759	0.51	1.633	7.260	3.703	0.51	1.682	7.040	3.590	0.51	1.730
32	18	6.463	6.663	1.00	1.294	6.188	6.188	1.00	1.358	5.940	5.940	1.00	1.423	5.720	5.720	1.00	1.488
32	20	6.738	6.132	0.91	1.358	6.463	5.881	0.91	1.439	6.270	5.706	0.91	1.471	6.050	5.506	0.91	1.536
32	22	7.013	5.540	0.79	1.407	6.765	5.344	0.79	1.496	6.600	5.214	0.79	1.536	6.325	4.997	0.79	1.601
32	24	7.370	4.938	0.67	1.471	7.095	4.754	0.67	1.552	6.930	4.643	0.67	1.601	6.710	4.496	0.67	1.682
32	26	7.590	4.175	0.55	1.552	7.370	4.054	0.55	1.633	7.260	3.993	0.55	1.682	7.040	3.872	0.55	1.730

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M50EA2 / SUZ-M50VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.390	3.180	0.59	1.585	4.950	2.921	0.59	1.682	4.565	2.693	0.59	1.746
21	20	5.665	2.663	0.47	1.649	5.280	2.482	0.47	1.730	4.895	2.301	0.47	1.827
22	18	5.390	3.396	0.63	1.585	4.950	3.119	0.63	1.682	4.565	2.876	0.63	1.746
22	20	5.665	2.889	0.51	1.649	5.280	2.693	0.51	1.730	4.895	2.496	0.51	1.827
22	22	5.995	2.338	0.39	1.714	5.610	2.188	0.39	1.811	5.225	2.038	0.39	1.876
23	18	5.390	3.611	0.67	1.585	4.950	3.317	0.67	1.682	4.565	3.059	0.67	1.746
23	20	5.665	3.116	0.55	1.649	5.280	2.904	0.55	1.730	4.895	2.692	0.55	1.827
23	22	5.995	2.578	0.43	1.714	5.610	2.412	0.43	1.811	5.225	2.247	0.43	1.876
24	18	5.390	3.827	0.71	1.585	4.950	3.515	0.71	1.682	4.565	3.241	0.71	1.746
24	20	5.665	3.342	0.59	1.649	5.280	3.115	0.59	1.730	4.895	2.888	0.59	1.827
24	22	5.995	2.818	0.47	1.714	5.610	2.637	0.47	1.811	5.225	2.456	0.47	1.876
24	24	6.325	2.214	0.35	1.779	5.940	2.079	0.35	1.860	5.610	1.964	0.35	1.940
25	20	5.665	3.569	0.63	1.649	5.280	3.326	0.63	1.730	4.895	3.084	0.63	1.827
25	22	5.995	3.057	0.51	1.714	5.610	2.861	0.51	1.811	5.225	2.665	0.51	1.876
25	24	6.325	2.467	0.39	1.779	5.940	2.317	0.39	1.860	5.610	2.188	0.39	1.940
26	18	5.390	4.258	0.79	1.585	4.950	3.911	0.79	1.682	4.565	3.606	0.79	1.746
26	20	5.665	3.796	0.67	1.649	5.280	3.538	0.67	1.730	4.895	3.280	0.67	1.827
26	22	5.995	3.297	0.55	1.714	5.610	3.086	0.55	1.811	5.225	2.874	0.55	1.876
26	24	6.325	2.720	0.43	1.779	5.940	2.554	0.43	1.860	5.610	2.412	0.43	1.940
26	26	6.655	2.063	0.31	1.843	6.270	1.944	0.31	1.924	5.885	1.824	0.31	2.005
27	18	5.390	4.474	0.83	1.585	4.950	4.109	0.83	1.682	4.565	3.789	0.83	1.746
27	20	5.665	4.022	0.71	1.649	5.280	3.749	0.71	1.730	4.895	3.475	0.71	1.827
27	22	5.995	3.537	0.59	1.714	5.610	3.310	0.59	1.811	5.225	3.083	0.59	1.876
27	24	6.325	2.973	0.47	1.779	5.940	2.792	0.47	1.860	5.610	2.637	0.47	1.940
27	26	6.655	2.329	0.35	1.843	6.270	2.195	0.35	1.924	5.885	2.060	0.35	2.005
28	18	5.390	4.689	0.87	1.585	4.950	4.307	0.87	1.682	4.565	3.972	0.87	1.746
28	20	5.665	4.249	0.75	1.649	5.280	3.960	0.75	1.730	4.895	3.671	0.75	1.827
28	22	5.995	3.777	0.63	1.714	5.610	3.534	0.63	1.811	5.225	3.292	0.63	1.876
28	24	6.325	3.226	0.51	1.779	5.940	3.029	0.51	1.860	5.610	2.861	0.51	1.940
28	26	6.655	2.595	0.39	1.843	6.270	2.445	0.39	1.924	5.885	2.295	0.39	2.005
29	18	5.390	4.905	0.91	1.585	4.950	4.505	0.91	1.682	4.565	4.154	0.91	1.746
29	20	5.665	4.475	0.79	1.649	5.280	4.171	0.79	1.730	4.895	3.867	0.79	1.827
29	22	5.995	4.017	0.67	1.714	5.610	3.759	0.67	1.811	5.225	3.501	0.67	1.876
29	24	6.325	3.479	0.55	1.779	5.940	3.267	0.55	1.860	5.610	3.086	0.55	1.940
29	26	6.655	2.862	0.43	1.843	6.270	2.696	0.43	1.924	5.885	2.531	0.43	2.005
30	18	5.390	5.121	0.95	1.585	4.950	4.703	0.95	1.682	4.565	4.337	0.95	1.746
30	20	5.665	4.702	0.83	1.649	5.280	4.382	0.83	1.730	4.895	4.063	0.83	1.827
30	22	5.995	4.256	0.71	1.714	5.610	3.983	0.71	1.811	5.225	3.710	0.71	1.876
30	24	6.325	3.732	0.59	1.779	5.940	3.505	0.59	1.860	5.610	3.310	0.59	1.940
30	26	6.655	3.128	0.47	1.843	6.270	2.947	0.47	1.924	5.885	2.766	0.47	2.005
31	18	5.390	5.336	0.99	1.585	4.950	4.901	0.99	1.682	4.565	4.519	0.99	1.746
31	20	5.665	4.929	0.87	1.649	5.280	4.594	0.87	1.730	4.895	4.259	0.87	1.827
31	22	5.995	4.496	0.75	1.714	5.610	4.208	0.75	1.811	5.225	3.919	0.75	1.876
31	24	6.325	3.985	0.63	1.779	5.940	3.742	0.63	1.860	5.610	3.534	0.63	1.940
31	26	6.655	3.394	0.51	1.843	6.270	3.198	0.51	1.924	5.885	3.001	0.51	2.005
32	18	5.390	5.390	1.00	1.585	4.950	4.950	1.00	1.682	4.565	4.565	1.00	1.746
32	20	5.665	5.155	0.91	1.649	5.280	4.805	0.91	1.730	4.895	4.454	0.91	1.827
32	22	5.995	4.736	0.79	1.714	5.610	4.432	0.79	1.811	5.225	4.128	0.79	1.876
32	24	6.325	4.238	0.67	1.779	5.940	3.980	0.67	1.860	5.610	3.759	0.67	1.940
32	26	6.655	3.660	0.55	1.843	6.270	3.449	0.55	1.924	5.885	3.237	0.55	2.005

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M60EA2 / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.372	0.61	1.478	6.863	4.186	0.61	1.552	6.588	4.019	0.61	1.626	6.344	3.870	0.61	1.700
21	20	7.473	3.662	0.49	1.552	7.168	3.512	0.49	1.645	6.954	3.407	0.49	1.682	6.710	3.288	0.49	1.756
22	18	7.168	4.659	0.65	1.478	6.863	4.461	0.65	1.552	6.588	4.282	0.65	1.626	6.344	4.124	0.65	1.700
22	20	7.473	3.961	0.53	1.552	7.168	3.799	0.53	1.645	6.954	3.686	0.53	1.682	6.710	3.556	0.53	1.756
22	22	7.778	3.189	0.41	1.608	7.503	3.076	0.41	1.709	7.320	3.001	0.41	1.756	7.015	2.876	0.41	1.830
23	18	7.168	4.946	0.69	1.478	6.863	4.735	0.69	1.552	6.588	4.546	0.69	1.626	6.344	4.377	0.69	1.700
23	20	7.473	4.260	0.57	1.552	7.168	4.086	0.57	1.645	6.954	3.964	0.57	1.682	6.710	3.825	0.57	1.756
23	22	7.778	3.500	0.45	1.608	7.503	3.376	0.45	1.709	7.320	3.294	0.45	1.756	7.015	3.157	0.45	1.830
24	18	7.168	5.233	0.73	1.478	6.863	5.010	0.73	1.552	6.588	4.809	0.73	1.626	6.344	4.631	0.73	1.700
24	20	7.473	4.559	0.61	1.552	7.168	4.372	0.61	1.645	6.954	4.242	0.61	1.682	6.710	4.093	0.61	1.756
24	22	7.778	3.811	0.49	1.608	7.503	3.676	0.49	1.709	7.320	3.587	0.49	1.756	7.015	3.437	0.49	1.830
24	24	8.174	3.024	0.37	1.682	7.869	2.912	0.37	1.774	7.686	2.844	0.37	1.830	7.442	2.754	0.37	1.922
25	20	7.473	4.857	0.65	1.552	7.168	4.659	0.65	1.645	6.954	4.520	0.65	1.682	6.710	4.362	0.65	1.756
25	22	7.778	4.122	0.53	1.608	7.503	3.977	0.53	1.709	7.320	3.880	0.53	1.756	7.015	3.718	0.53	1.830
25	24	8.174	3.351	0.41	1.682	7.869	3.226	0.41	1.774	7.686	3.151	0.41	1.830	7.442	3.051	0.41	1.922
26	18	7.168	5.806	0.81	1.478	6.863	5.559	0.81	1.552	6.588	5.336	0.81	1.626	6.344	5.139	0.81	1.700
26	20	7.473	5.156	0.69	1.552	7.168	4.946	0.69	1.645	6.954	4.798	0.69	1.682	6.710	4.630	0.69	1.756
26	22	7.778	4.433	0.57	1.608	7.503	4.277	0.57	1.709	7.320	4.172	0.57	1.756	7.015	3.999	0.57	1.830
26	24	8.174	3.678	0.45	1.682	7.869	3.541	0.45	1.774	7.686	3.459	0.45	1.830	7.442	3.349	0.45	1.922
26	26	8.418	2.778	0.33	1.774	8.174	2.697	0.33	1.866	8.052	2.657	0.33	1.922	7.808	2.577	0.33	1.977
27	18	7.168	6.093	0.85	1.478	6.863	5.834	0.85	1.552	6.588	5.600	0.85	1.626	6.344	5.392	0.85	1.700
27	20	7.473	5.455	0.73	1.552	7.168	5.233	0.73	1.645	6.954	5.076	0.73	1.682	6.710	4.898	0.73	1.756
27	22	7.778	4.745	0.61	1.608	7.503	4.577	0.61	1.709	7.320	4.465	0.61	1.756	7.015	4.279	0.61	1.830
27	24	8.174	4.005	0.49	1.682	7.869	3.856	0.49	1.774	7.686	3.766	0.49	1.830	7.442	3.647	0.49	1.922
27	26	8.418	3.115	0.37	1.774	8.174	3.024	0.37	1.866	8.052	2.979	0.37	1.922	7.808	2.889	0.37	1.977
28	18	7.168	6.380	0.89	1.478	6.863	6.108	0.89	1.552	6.588	5.863	0.89	1.626	6.344	5.646	0.89	1.700
28	20	7.473	5.754	0.77	1.552	7.168	5.519	0.77	1.645	6.954	5.355	0.77	1.682	6.710	5.167	0.77	1.756
28	22	7.778	5.056	0.65	1.608	7.503	4.877	0.65	1.709	7.320	4.758	0.65	1.756	7.015	4.560	0.65	1.830
28	24	8.174	4.332	0.53	1.682	7.869	4.171	0.53	1.774	7.686	4.074	0.53	1.830	7.442	3.944	0.53	1.922
28	26	8.418	3.451	0.41	1.774	8.174	3.351	0.41	1.866	8.052	3.301	0.41	1.922	7.808	3.201	0.41	1.977
29	18	7.168	6.666	0.93	1.478	6.863	6.383	0.93	1.552	6.588	6.127	0.93	1.626	6.344	5.900	0.93	1.700
29	20	7.473	6.053	0.81	1.552	7.168	5.806	0.81	1.645	6.954	5.633	0.81	1.682	6.710	5.435	0.81	1.756
29	22	7.778	5.367	0.69	1.608	7.503	5.177	0.69	1.709	7.320	5.051	0.69	1.756	7.015	4.840	0.69	1.830
29	24	8.174	4.659	0.57	1.682	7.869	4.485	0.57	1.774	7.686	4.381	0.57	1.830	7.442	4.242	0.57	1.922
29	26	8.418	3.788	0.45	1.774	8.174	3.678	0.45	1.866	8.052	3.623	0.45	1.922	7.808	3.514	0.45	1.977
30	18	7.168	6.953	0.97	1.478	6.863	6.657	0.97	1.552	6.588	6.390	0.97	1.626	6.344	6.154	0.97	1.700
30	20	7.473	6.352	0.85	1.552	7.168	6.093	0.85	1.645	6.954	5.911	0.85	1.682	6.710	5.704	0.85	1.756
30	22	7.778	5.678	0.73	1.608	7.503	5.477	0.73	1.709	7.320	5.344	0.73	1.756	7.015	5.121	0.73	1.830
30	24	8.174	4.986	0.61	1.682	7.869	4.800	0.61	1.774	7.686	4.688	0.61	1.830	7.442	4.540	0.61	1.922
30	26	8.418	4.125	0.49	1.774	8.174	4.005	0.49	1.866	8.052	3.945	0.49	1.922	7.808	3.826	0.49	1.977
31	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
31	20	7.473	6.651	0.89	1.552	7.168	6.380	0.89	1.645	6.954	6.189	0.89	1.682	6.710	5.972	0.89	1.756
31	22	7.778	5.989	0.77	1.608	7.503	5.777	0.77	1.709	7.320	5.636	0.77	1.756	7.015	5.402	0.77	1.830
31	24	8.174	5.313	0.65	1.682	7.869	5.115	0.65	1.774	7.686	4.996	0.65	1.830	7.442	4.837	0.65	1.922
31	26	8.418	4.462	0.53	1.774	8.174	4.332	0.53	1.866	8.052	4.288	0.53	1.922	7.808	4.138	0.53	1.977
32	18	7.168	7.168	1.00	1.478	6.863	6.863	1.00	1.552	6.588	6.588	1.00	1.626	6.344	6.344	1.00	1.700
32	20	7.473	6.950	0.93	1.552	7.168	6.666	0.93	1.645	6.954	6.467	0.93	1.682	6.710	6.240	0.93	1.756
32	22	7.778	6.300	0.81	1.608	7.503	6.077	0.81	1.709	7.320	5.929	0.81	1.756	7.015	5.682	0.81	1.830
32	24	8.174	5.640	0.69	1.682	7.869	5.430	0.69	1.774	7.686	5.303	0.69	1.830	7.442	5.135	0.69	1.922
32	26	8.418	4.798	0.57	1.774	8.174	4.659	0.57	1.866	8.052	4.590	0.57	1.922	7.808	4.451	0.57	1.977

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M60EA2 / SUZ-M60VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.647	0.61	1.811	5.490	3.349	0.61	1.922	5.063	3.088	0.61	1.996
21	20	6.283	3.079	0.49	1.885	5.856	2.869	0.49	1.977	5.429	2.660	0.49	2.088
22	18	5.978	3.886	0.65	1.811	5.490	3.569	0.65	1.922	5.063	3.291	0.65	1.996
22	20	6.283	3.330	0.53	1.885	5.856	3.104	0.53	1.977	5.429	2.877	0.53	2.088
22	22	6.649	2.726	0.41	1.959	6.222	2.551	0.41	2.070	5.795	2.376	0.41	2.144
23	18	5.978	4.125	0.69	1.811	5.490	3.788	0.69	1.922	5.063	3.493	0.69	1.996
23	20	6.283	3.581	0.57	1.885	5.856	3.338	0.57	1.977	5.429	3.095	0.57	2.088
23	22	6.649	2.992	0.45	1.959	6.222	2.800	0.45	2.070	5.795	2.608	0.45	2.144
24	18	5.978	4.364	0.73	1.811	5.490	4.008	0.73	1.922	5.063	3.696	0.73	1.996
24	20	6.283	3.833	0.61	1.885	5.856	3.572	0.61	1.977	5.429	3.312	0.61	2.088
24	22	6.649	3.258	0.49	1.959	6.222	3.049	0.49	2.070	5.795	2.840	0.49	2.144
24	24	7.015	2.596	0.37	2.033	6.588	2.438	0.37	2.125	6.222	2.302	0.37	2.218
25	20	6.283	4.084	0.65	1.885	5.856	3.806	0.65	1.977	5.429	3.529	0.65	2.088
25	22	6.649	3.524	0.53	1.959	6.222	3.298	0.53	2.070	5.795	3.071	0.53	2.144
25	24	7.015	2.876	0.41	2.033	6.588	2.701	0.41	2.125	6.222	2.551	0.41	2.218
26	18	5.978	4.842	0.81	1.811	5.490	4.447	0.81	1.922	5.063	4.101	0.81	1.996
26	20	6.283	4.335	0.69	1.885	5.856	4.041	0.69	1.977	5.429	3.746	0.69	2.088
26	22	6.649	3.790	0.57	1.959	6.222	3.547	0.57	2.070	5.795	3.303	0.57	2.144
26	24	7.015	3.157	0.45	2.033	6.588	2.965	0.45	2.125	6.222	2.800	0.45	2.218
26	26	7.381	2.436	0.33	2.107	6.954	2.295	0.33	2.199	6.527	2.154	0.33	2.292
27	18	5.978	5.081	0.85	1.811	5.490	4.667	0.85	1.922	5.063	4.304	0.85	1.996
27	20	6.283	4.587	0.73	1.885	5.856	4.275	0.73	1.977	5.429	3.963	0.73	2.088
27	22	6.649	4.056	0.61	1.959	6.222	3.795	0.61	2.070	5.795	3.535	0.61	2.144
27	24	7.015	3.437	0.49	2.033	6.588	3.228	0.49	2.125	6.222	3.049	0.49	2.218
27	26	7.381	2.731	0.37	2.107	6.954	2.573	0.37	2.199	6.527	2.415	0.37	2.292
28	18	5.978	5.320	0.89	1.811	5.490	4.886	0.89	1.922	5.063	4.506	0.89	1.996
28	20	6.283	4.838	0.77	1.885	5.856	4.509	0.77	1.977	5.429	4.180	0.77	2.088
28	22	6.649	4.322	0.65	1.959	6.222	4.044	0.65	2.070	5.795	3.767	0.65	2.144
28	24	7.015	3.718	0.53	2.033	6.588	3.492	0.53	2.125	6.222	3.298	0.53	2.218
28	26	7.381	3.026	0.41	2.107	6.954	2.851	0.41	2.199	6.527	2.676	0.41	2.292
29	18	5.978	5.560	0.93	1.811	5.490	5.106	0.93	1.922	5.063	4.709	0.93	1.996
29	20	6.283	5.089	0.81	1.885	5.856	4.743	0.81	1.977	5.429	4.397	0.81	2.088
29	22	6.649	4.588	0.69	1.959	6.222	4.293	0.69	2.070	5.795	3.999	0.69	2.144
29	24	7.015	3.999	0.57	2.033	6.588	3.755	0.57	2.125	6.222	3.547	0.57	2.218
29	26	7.381	3.321	0.45	2.107	6.954	3.129	0.45	2.199	6.527	2.937	0.45	2.292
30	18	5.978	5.799	0.97	1.811	5.490	5.325	0.97	1.922	5.063	4.911	0.97	1.996
30	20	6.283	5.341	0.85	1.885	5.856	4.978	0.85	1.977	5.429	4.615	0.85	2.088
30	22	6.649	4.854	0.73	1.959	6.222	4.542	0.73	2.070	5.795	4.230	0.73	2.144
30	24	7.015	4.279	0.61	2.033	6.588	4.019	0.61	2.125	6.222	3.795	0.61	2.218
30	26	7.381	3.617	0.49	2.107	6.954	3.407	0.49	2.199	6.527	3.198	0.49	2.292
31	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
31	20	6.283	5.592	0.89	1.885	5.856	5.212	0.89	1.977	5.429	4.832	0.89	2.088
31	22	6.649	5.120	0.77	1.959	6.222	4.791	0.77	2.070	5.795	4.462	0.77	2.144
31	24	7.015	4.560	0.65	2.033	6.588	4.282	0.65	2.125	6.222	4.044	0.65	2.218
31	26	7.381	3.912	0.53	2.107	6.954	3.686	0.53	2.199	6.527	3.459	0.53	2.292
32	18	5.978	5.978	1.00	1.811	5.490	5.490	1.00	1.922	5.063	5.063	1.00	1.996
32	20	6.283	5.843	0.93	1.885	5.856	5.446	0.93	1.977	5.429	5.049	0.93	2.088
32	22	6.649	5.386	0.81	1.959	6.222	5.040	0.81	2.070	5.795	4.694	0.81	2.144
32	24	7.015	4.840	0.69	2.033	6.588	4.546	0.69	2.125	6.222	4.293	0.69	2.218
32	26	7.381	4.207	0.57	2.107	6.954	3.964	0.57	2.199	6.527	3.720	0.57	2.292

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M71EA2 / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.672	0.56	1.534	7.988	4.473	0.56	1.611	7.668	4.294	0.56	1.688	7.384	4.135	0.56	1.765
21	20	8.698	3.827	0.44	1.611	8.343	3.671	0.44	1.707	8.094	3.561	0.44	1.745	7.810	3.436	0.44	1.822
22	18	8.343	5.006	0.60	1.534	7.988	4.793	0.60	1.611	7.668	4.601	0.60	1.688	7.384	4.430	0.60	1.765
22	20	8.698	4.175	0.48	1.611	8.343	4.005	0.48	1.707	8.094	3.885	0.48	1.745	7.810	3.749	0.48	1.822
22	22	9.053	3.259	0.36	1.669	8.733	3.144	0.36	1.774	8.520	3.067	0.36	1.822	8.165	2.939	0.36	1.899
23	18	8.343	5.340	0.64	1.534	7.988	5.112	0.64	1.611	7.668	4.908	0.64	1.688	7.384	4.726	0.64	1.765
23	20	8.698	4.523	0.52	1.611	8.343	4.338	0.52	1.707	8.094	4.209	0.52	1.745	7.810	4.061	0.52	1.822
23	22	9.053	3.621	0.40	1.669	8.733	3.493	0.40	1.774	8.520	3.408	0.40	1.822	8.165	3.266	0.40	1.899
24	18	8.343	5.673	0.68	1.534	7.988	5.432	0.68	1.611	7.668	5.214	0.68	1.688	7.384	5.021	0.68	1.765
24	20	8.698	4.871	0.56	1.611	8.343	4.672	0.56	1.707	8.094	4.533	0.56	1.745	7.810	4.374	0.56	1.822
24	22	9.053	3.983	0.44	1.669	8.733	3.843	0.44	1.774	8.520	3.749	0.44	1.822	8.165	3.593	0.44	1.899
24	24	9.514	3.044	0.32	1.745	9.159	2.931	0.32	1.841	8.946	2.863	0.32	1.899	8.662	2.772	0.32	1.995
25	20	8.698	5.219	0.60	1.611	8.343	5.006	0.60	1.707	8.094	4.856	0.60	1.745	7.810	4.686	0.60	1.822
25	22	9.053	4.345	0.48	1.669	8.733	4.192	0.48	1.774	8.520	4.090	0.48	1.822	8.165	3.919	0.48	1.899
25	24	9.514	3.425	0.36	1.745	9.159	3.297	0.36	1.841	8.946	3.221	0.36	1.899	8.662	3.118	0.36	1.995
26	18	8.343	6.341	0.76	1.534	7.988	6.071	0.76	1.611	7.668	5.828	0.76	1.688	7.384	5.612	0.76	1.765
26	20	8.698	5.567	0.64	1.611	8.343	5.340	0.64	1.707	8.094	5.180	0.64	1.745	7.810	4.998	0.64	1.822
26	22	9.053	4.708	0.52	1.669	8.733	4.541	0.52	1.774	8.520	4.430	0.52	1.822	8.165	4.246	0.52	1.899
26	24	9.514	3.806	0.40	1.745	9.159	3.664	0.40	1.841	8.946	3.578	0.40	1.899	8.662	3.465	0.40	1.995
26	26	9.798	2.743	0.28	1.841	9.514	2.664	0.28	1.937	9.372	2.624	0.28	1.995	9.088	2.545	0.28	2.052
27	18	8.343	6.674	0.80	1.534	7.988	6.390	0.80	1.611	7.668	6.134	0.80	1.688	7.384	5.907	0.80	1.765
27	20	8.698	5.915	0.68	1.611	8.343	5.673	0.68	1.707	8.094	5.504	0.68	1.745	7.810	5.311	0.68	1.822
27	22	9.053	5.070	0.56	1.669	8.733	4.890	0.56	1.774	8.520	4.771	0.56	1.822	8.165	4.572	0.56	1.899
27	24	9.514	4.186	0.44	1.745	9.159	4.030	0.44	1.841	8.946	3.936	0.44	1.899	8.662	3.811	0.44	1.995
27	26	9.798	3.135	0.32	1.841	9.514	3.044	0.32	1.937	9.372	2.999	0.32	1.995	9.088	2.908	0.32	2.052
28	18	8.343	7.008	0.84	1.534	7.988	6.710	0.84	1.611	7.668	6.441	0.84	1.688	7.384	6.203	0.84	1.765
28	20	8.698	6.263	0.72	1.611	8.343	6.007	0.72	1.707	8.094	5.828	0.72	1.745	7.810	5.623	0.72	1.822
28	22	9.053	5.432	0.60	1.669	8.733	5.240	0.60	1.774	8.520	5.112	0.60	1.822	8.165	4.899	0.60	1.899
28	24	9.514	4.567	0.48	1.745	9.159	4.396	0.48	1.841	8.946	4.294	0.48	1.899	8.662	4.158	0.48	1.995
28	26	9.798	3.527	0.36	1.841	9.514	3.425	0.36	1.937	9.372	3.374	0.36	1.995	9.088	3.272	0.36	2.052
29	18	8.343	7.342	0.88	1.534	7.988	7.029	0.88	1.611	7.668	6.748	0.88	1.688	7.384	6.498	0.88	1.765
29	20	8.698	6.610	0.76	1.611	8.343	6.341	0.76	1.707	8.094	6.151	0.76	1.745	7.810	5.936	0.76	1.822
29	22	9.053	5.794	0.64	1.669	8.733	5.589	0.64	1.774	8.520	5.453	0.64	1.822	8.165	5.226	0.64	1.899
29	24	9.514	4.947	0.52	1.745	9.159	4.763	0.52	1.841	8.946	4.652	0.52	1.899	8.662	4.504	0.52	1.995
29	26	9.798	3.919	0.40	1.841	9.514	3.806	0.40	1.937	9.372	3.749	0.40	1.995	9.088	3.635	0.40	2.052
30	18	8.343	7.676	0.92	1.534	7.988	7.349	0.92	1.611	7.668	7.055	0.92	1.688	7.384	6.793	0.92	1.765
30	20	8.698	6.958	0.80	1.611	8.343	6.674	0.80	1.707	8.094	6.475	0.80	1.745	7.810	6.248	0.80	1.822
30	22	9.053	6.156	0.68	1.669	8.733	5.938	0.68	1.774	8.520	5.794	0.68	1.822	8.165	5.552	0.68	1.899
30	24	9.514	5.328	0.56	1.745	9.159	5.129	0.56	1.841	8.946	5.010	0.56	1.899	8.662	4.851	0.56	1.995
30	26	9.798	4.311	0.44	1.841	9.514	4.186	0.44	1.937	9.372	4.124	0.44	1.995	9.088	3.999	0.44	2.052
31	18	8.343	8.009	0.96	1.534	7.988	7.668	0.96	1.611	7.668	7.361	0.96	1.688	7.384	7.089	0.96	1.765
31	20	8.698	7.306	0.84	1.611	8.343	7.008	0.84	1.707	8.094	6.799	0.84	1.745	7.810	6.560	0.84	1.822
31	22	9.053	6.518	0.72	1.669	8.733	6.288	0.72	1.774	8.520	6.134	0.72	1.822	8.165	5.879	0.72	1.899
31	24	9.514	5.708	0.60	1.745	9.159	5.495	0.60	1.841	8.946	5.368	0.60	1.899	8.662	5.197	0.60	1.995
31	26	9.798	4.703	0.48	1.841	9.514	4.567	0.48	1.937	9.372	4.499	0.48	1.995	9.088	4.362	0.48	2.052
32	18	8.343	8.343	1.00	1.534	7.988	7.988	1.00	1.611	7.668	7.668	1.00	1.688	7.384	7.384	1.00	1.765
32	20	8.698	7.654	0.88	1.611	8.343	7.342	0.88	1.707	8.094	7.123	0.88	1.745	7.810	6.873	0.88	1.822
32	22	9.053	6.880	0.76	1.669	8.733	6.637	0.76	1.774	8.520	6.475	0.76	1.822	8.165	6.205	0.76	1.899
32	24	9.514	6.089	0.64	1.745	9.159	5.862	0.64	1.841	8.946	5.725	0.64	1.899	8.662	5.544	0.64	1.995
32	26	9.798	5.095	0.52	1.841	9.514	4.947	0.52	1.937	9.372	4.873	0.52	1.995	9.088	4.726	0.52	2.052

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M71EA2 / SUZ-M71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.896	0.56	1.880	6.390	3.578	0.56	1.995	5.893	3.300	0.56	2.071
21	20	7.313	3.218	0.44	1.956	6.816	2.999	0.44	2.052	6.319	2.780	0.44	2.167
22	18	6.958	4.175	0.60	1.880	6.390	3.834	0.60	1.995	5.893	3.536	0.60	2.071
22	20	7.313	3.510	0.48	1.956	6.816	3.272	0.48	2.052	6.319	3.033	0.48	2.167
22	22	7.739	2.786	0.36	2.033	7.242	2.607	0.36	2.148	6.745	2.428	0.36	2.225
23	18	6.958	4.453	0.64	1.880	6.390	4.090	0.64	1.995	5.893	3.772	0.64	2.071
23	20	7.313	3.803	0.52	1.956	6.816	3.544	0.52	2.052	6.319	3.286	0.52	2.167
23	22	7.739	3.096	0.40	2.033	7.242	2.897	0.40	2.148	6.745	2.698	0.40	2.225
24	18	6.958	4.731	0.68	1.880	6.390	4.345	0.68	1.995	5.893	4.007	0.68	2.071
24	20	7.313	4.095	0.56	1.956	6.816	3.817	0.56	2.052	6.319	3.539	0.56	2.167
24	22	7.739	3.405	0.44	2.033	7.242	3.186	0.44	2.148	6.745	2.968	0.44	2.225
24	24	8.165	2.613	0.32	2.110	7.668	2.454	0.32	2.206	7.242	2.317	0.32	2.302
25	20	7.313	4.388	0.60	1.956	6.816	4.090	0.60	2.052	6.319	3.791	0.60	2.167
25	22	7.739	3.715	0.48	2.033	7.242	3.476	0.48	2.148	6.745	3.238	0.48	2.225
25	24	8.165	2.939	0.36	2.110	7.668	2.760	0.36	2.206	7.242	2.607	0.36	2.302
26	18	6.958	5.288	0.76	1.880	6.390	4.856	0.76	1.995	5.893	4.479	0.76	2.071
26	20	7.313	4.680	0.64	1.956	6.816	4.362	0.64	2.052	6.319	4.044	0.64	2.167
26	22	7.739	4.024	0.52	2.033	7.242	3.766	0.52	2.148	6.745	3.507	0.52	2.225
26	24	8.165	3.266	0.40	2.110	7.668	3.067	0.40	2.206	7.242	2.897	0.40	2.302
26	26	8.591	2.405	0.28	2.187	8.094	2.266	0.28	2.282	7.597	2.127	0.28	2.378
27	18	6.958	5.566	0.80	1.880	6.390	5.112	0.80	1.995	5.893	4.714	0.80	2.071
27	20	7.313	4.973	0.68	1.956	6.816	4.635	0.68	2.052	6.319	4.297	0.68	2.167
27	22	7.739	4.334	0.56	2.033	7.242	4.056	0.56	2.148	6.745	3.777	0.56	2.225
27	24	8.165	3.593	0.44	2.110	7.668	3.374	0.44	2.206	7.242	3.186	0.44	2.302
27	26	8.591	2.749	0.32	2.187	8.094	2.590	0.32	2.282	7.597	2.431	0.32	2.378
28	18	6.958	5.845	0.84	1.880	6.390	5.368	0.84	1.995	5.893	4.950	0.84	2.071
28	20	7.313	5.265	0.72	1.956	6.816	4.908	0.72	2.052	6.319	4.550	0.72	2.167
28	22	7.739	4.643	0.60	2.033	7.242	4.345	0.60	2.148	6.745	4.047	0.60	2.225
28	24	8.165	3.919	0.48	2.110	7.668	3.681	0.48	2.206	7.242	3.476	0.48	2.302
28	26	8.591	3.093	0.36	2.187	8.094	2.914	0.36	2.282	7.597	2.735	0.36	2.378
29	18	6.958	6.123	0.88	1.880	6.390	5.623	0.88	1.995	5.893	5.186	0.88	2.071
29	20	7.313	5.558	0.76	1.956	6.816	5.180	0.76	2.052	6.319	4.802	0.76	2.167
29	22	7.739	4.953	0.64	2.033	7.242	4.635	0.64	2.148	6.745	4.317	0.64	2.225
29	24	8.165	4.246	0.52	2.110	7.668	3.987	0.52	2.206	7.242	3.766	0.52	2.302
29	26	8.591	3.436	0.40	2.187	8.094	3.238	0.40	2.282	7.597	3.039	0.40	2.378
30	18	6.958	6.401	0.92	1.880	6.390	5.879	0.92	1.995	5.893	5.422	0.92	2.071
30	20	7.313	5.850	0.80	1.956	6.816	5.453	0.80	2.052	6.319	5.055	0.80	2.167
30	22	7.739	5.263	0.68	2.033	7.242	4.925	0.68	2.148	6.745	4.587	0.68	2.225
30	24	8.165	4.572	0.56	2.110	7.668	4.294	0.56	2.206	7.242	4.056	0.56	2.302
30	26	8.591	3.780	0.44	2.187	8.094	3.561	0.44	2.282	7.597	3.343	0.44	2.378
31	18	6.958	6.680	0.96	1.880	6.390	6.134	0.96	1.995	5.893	5.657	0.96	2.071
31	20	7.313	6.143	0.84	1.956	6.816	5.725	0.84	2.052	6.319	5.308	0.84	2.167
31	22	7.739	5.572	0.72	2.033	7.242	5.214	0.72	2.148	6.745	4.856	0.72	2.225
31	24	8.165	4.899	0.60	2.110	7.668	4.601	0.60	2.206	7.242	4.345	0.60	2.302
31	26	8.591	4.124	0.48	2.187	8.094	3.885	0.48	2.282	7.597	3.647	0.48	2.378
32	18	6.958	6.958	1.00	1.880	6.390	6.390	1.00	1.995	5.893	5.893	1.00	2.071
32	20	7.313	6.435	0.88	1.956	6.816	5.998	0.88	2.052	6.319	5.561	0.88	2.167
32	22	7.739	5.882	0.76	2.033	7.242	5.504	0.76	2.148	6.745	5.126	0.76	2.225
32	24	8.165	5.226	0.64	2.110	7.668	4.908	0.64	2.206	7.242	4.635	0.64	2.302
32	26	8.591	4.467	0.52	2.187	8.094	4.209	0.52	2.282	7.597	3.950	0.52	2.378

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUZ-M100VKA2 PUZ-M100YKA2

Table with 14 columns: Indoor intake air D.B. (°C), Indoor intake air W.B. (°C), and Outdoor intake air DB°C (20, 25, 30) with sub-columns for CA (kW), SHC (kW), SHF, and P.C. (kW).

Table with 14 columns: Indoor intake air D.B. (°C), Indoor intake air W.B. (°C), and Outdoor intake air DB°C (35, 40, 45) with sub-columns for CA (kW), SHC (kW), SHF, and P.C. (kW).

When the indoor dry bulb temperature is lower than 20 °C, for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

Table with 4 columns: Indoor intake air D. B., Capacity ratio, Input ratio, and values for 14°C, 16°C, 18°C.

Note:
CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM71EA / SUZ-SM71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.756	0.57	1.578	7.988	4.553	0.57	1.656	7.668	4.371	0.57	1.735	7.384	4.209	0.57	1.814
21	20	8.698	3.914	0.45	1.656	8.343	3.754	0.45	1.755	8.094	3.642	0.45	1.795	7.810	3.515	0.45	1.873
22	18	8.343	5.089	0.61	1.578	7.988	4.873	0.61	1.656	7.668	4.677	0.61	1.735	7.384	4.504	0.61	1.814
22	20	8.698	4.262	0.49	1.656	8.343	4.088	0.49	1.755	8.094	3.966	0.49	1.795	7.810	3.827	0.49	1.873
22	22	9.053	3.350	0.37	1.716	8.733	3.231	0.37	1.824	8.520	3.152	0.37	1.873	8.165	3.021	0.37	1.952
23	18	8.343	5.423	0.65	1.578	7.988	5.192	0.65	1.656	7.668	4.984	0.65	1.735	7.384	4.800	0.65	1.814
23	20	8.698	4.610	0.53	1.656	8.343	4.422	0.53	1.755	8.094	4.290	0.53	1.795	7.810	4.139	0.53	1.873
23	22	9.053	3.712	0.41	1.716	8.733	3.581	0.41	1.824	8.520	3.493	0.41	1.873	8.165	3.348	0.41	1.952
24	18	8.343	5.757	0.69	1.578	7.988	5.512	0.69	1.656	7.668	5.291	0.69	1.735	7.384	5.095	0.69	1.814
24	20	8.698	4.958	0.57	1.656	8.343	4.756	0.57	1.755	8.094	4.614	0.57	1.795	7.810	4.452	0.57	1.873
24	22	9.053	4.074	0.45	1.716	8.733	3.930	0.45	1.824	8.520	3.834	0.45	1.873	8.165	3.674	0.45	1.952
24	24	9.514	3.140	0.33	1.795	9.159	3.022	0.33	1.893	8.946	2.952	0.33	1.952	8.662	2.858	0.33	2.051
25	20	8.698	5.306	0.61	1.656	8.343	5.089	0.61	1.755	8.094	4.937	0.61	1.795	7.810	4.764	0.61	1.873
25	22	9.053	4.436	0.49	1.716	8.733	4.279	0.49	1.824	8.520	4.175	0.49	1.873	8.165	4.001	0.49	1.952
25	24	9.514	3.520	0.37	1.795	9.159	3.389	0.37	1.893	8.946	3.310	0.37	1.952	8.662	3.205	0.37	2.051
26	18	8.343	6.424	0.77	1.578	7.988	6.151	0.77	1.656	7.668	5.904	0.77	1.735	7.384	5.686	0.77	1.814
26	20	8.698	5.654	0.65	1.656	8.343	5.423	0.65	1.755	8.094	5.261	0.65	1.795	7.810	5.077	0.65	1.873
26	22	9.053	4.798	0.53	1.716	8.733	4.628	0.53	1.824	8.520	4.516	0.53	1.873	8.165	4.327	0.53	1.952
26	24	9.514	3.901	0.41	1.795	9.159	3.755	0.41	1.893	8.946	3.668	0.41	1.952	8.662	3.511	0.41	2.051
26	26	9.798	2.841	0.29	1.893	9.514	2.759	0.29	1.992	9.372	2.718	0.29	2.051	9.088	2.636	0.29	2.110
27	18	8.343	6.758	0.81	1.578	7.988	6.470	0.81	1.656	7.668	6.211	0.81	1.735	7.384	5.981	0.81	1.814
27	20	8.698	6.002	0.69	1.656	8.343	5.757	0.69	1.755	8.094	5.585	0.69	1.795	7.810	5.389	0.69	1.873
27	22	9.053	5.160	0.57	1.716	8.733	4.978	0.57	1.824	8.520	4.856	0.57	1.873	8.165	4.654	0.57	1.952
27	24	9.514	4.281	0.45	1.795	9.159	4.122	0.45	1.893	8.946	4.026	0.45	1.952	8.662	3.898	0.45	2.051
27	26	9.798	3.233	0.33	1.893	9.514	3.140	0.33	1.992	9.372	3.093	0.33	2.051	9.088	2.999	0.33	2.110
28	18	8.343	7.092	0.85	1.578	7.988	6.790	0.85	1.656	7.668	6.518	0.85	1.735	7.384	6.276	0.85	1.814
28	20	8.698	6.350	0.73	1.656	8.343	6.090	0.73	1.755	8.094	5.909	0.73	1.795	7.810	5.701	0.73	1.873
28	22	9.053	5.522	0.61	1.716	8.733	5.327	0.61	1.824	8.520	5.197	0.61	1.873	8.165	4.981	0.61	1.952
28	24	9.514	4.662	0.49	1.795	9.159	4.488	0.49	1.893	8.946	4.384	0.49	1.952	8.662	4.244	0.49	2.051
28	26	9.798	3.625	0.37	1.893	9.514	3.520	0.37	1.992	9.372	3.468	0.37	2.051	9.088	3.363	0.37	2.110
29	18	8.343	7.425	0.89	1.578	7.988	7.109	0.89	1.656	7.668	6.825	0.89	1.735	7.384	6.572	0.89	1.814
29	20	8.698	6.697	0.77	1.656	8.343	6.424	0.77	1.755	8.094	6.232	0.77	1.795	7.810	6.014	0.77	1.873
29	22	9.053	5.884	0.65	1.716	8.733	5.676	0.65	1.824	8.520	5.538	0.65	1.873	8.165	5.307	0.65	1.952
29	24	9.514	5.042	0.53	1.795	9.159	4.854	0.53	1.893	8.946	4.741	0.53	1.952	8.662	4.591	0.53	2.051
29	26	9.798	4.017	0.41	1.893	9.514	3.901	0.41	1.992	9.372	3.843	0.41	2.051	9.088	3.726	0.41	2.110
30	18	8.343	7.759	0.93	1.578	7.988	7.429	0.93	1.656	7.668	7.131	0.93	1.735	7.384	6.867	0.93	1.814
30	20	8.698	7.045	0.81	1.656	8.343	6.758	0.81	1.755	8.094	6.556	0.81	1.795	7.810	6.326	0.81	1.873
30	22	9.053	6.247	0.69	1.716	8.733	6.026	0.69	1.824	8.520	5.879	0.69	1.873	8.165	5.634	0.69	1.952
30	24	9.514	5.423	0.57	1.795	9.159	5.221	0.57	1.893	8.946	5.099	0.57	1.952	8.662	4.937	0.57	2.051
30	26	9.798	4.409	0.45	1.893	9.514	4.281	0.45	1.992	9.372	4.217	0.45	2.051	9.088	4.090	0.45	2.110
31	18	8.343	8.093	0.97	1.578	7.988	7.748	0.97	1.656	7.668	7.438	0.97	1.735	7.384	7.162	0.97	1.814
31	20	8.698	7.393	0.85	1.656	8.343	7.092	0.85	1.755	8.094	6.880	0.85	1.795	7.810	6.639	0.85	1.873
31	22	9.053	6.609	0.73	1.716	8.733	6.375	0.73	1.824	8.520	6.220	0.73	1.873	8.165	5.960	0.73	1.952
31	24	9.514	5.804	0.61	1.795	9.159	5.587	0.61	1.893	8.946	5.457	0.61	1.952	8.662	5.284	0.61	2.051
31	26	9.798	4.801	0.49	1.893	9.514	4.662	0.49	1.992	9.372	4.592	0.49	2.051	9.088	4.453	0.49	2.110
32	18	8.343	8.343	1.00	1.578	7.988	7.988	1.00	1.656	7.668	7.668	1.00	1.735	7.384	7.384	1.00	1.814
32	20	8.698	7.741	0.89	1.656	8.343	7.425	0.89	1.755	8.094	7.204	0.89	1.795	7.810	6.951	0.89	1.873
32	22	9.053	6.971	0.77	1.716	8.733	6.724	0.77	1.824	8.520	6.560	0.77	1.873	8.165	6.287	0.77	1.952
32	24	9.514	6.184	0.65	1.795	9.159	5.953	0.65	1.893	8.946	5.815	0.65	1.952	8.662	5.630	0.65	2.051
32	26	9.798	5.193	0.53	1.893	9.514	5.042	0.53	1.992	9.372	4.967	0.53	2.051	9.088	4.817	0.53	2.110

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM71EA / SUZ-SM71VA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.966	0.57	1.933	6.390	3.642	0.57	2.051	5.893	3.359	0.57	2.130
21	20	7.313	3.291	0.45	2.011	6.816	3.067	0.45	2.110	6.319	2.844	0.45	2.228
22	18	6.958	4.244	0.61	1.933	6.390	3.898	0.61	2.051	5.893	3.595	0.61	2.130
22	20	7.313	3.583	0.49	2.011	6.816	3.340	0.49	2.110	6.319	3.096	0.49	2.228
22	22	7.739	2.863	0.37	2.090	7.242	2.680	0.37	2.209	6.745	2.496	0.37	2.288
23	18	6.958	4.523	0.65	1.933	6.390	4.154	0.65	2.051	5.893	3.830	0.65	2.130
23	20	7.313	3.876	0.53	2.011	6.816	3.612	0.53	2.110	6.319	3.349	0.53	2.228
23	22	7.739	3.173	0.41	2.090	7.242	2.969	0.41	2.209	6.745	2.765	0.41	2.288
24	18	6.958	4.801	0.69	1.933	6.390	4.409	0.69	2.051	5.893	4.066	0.69	2.130
24	20	7.313	4.168	0.57	2.011	6.816	3.885	0.57	2.110	6.319	3.602	0.57	2.228
24	22	7.739	3.483	0.45	2.090	7.242	3.259	0.45	2.209	6.745	3.035	0.45	2.288
24	24	8.165	2.694	0.33	2.169	7.668	2.530	0.33	2.268	7.242	2.390	0.33	2.366
25	20	7.313	4.461	0.61	2.011	6.816	4.158	0.61	2.110	6.319	3.855	0.61	2.228
25	22	7.739	3.792	0.49	2.090	7.242	3.549	0.49	2.209	6.745	3.305	0.49	2.288
25	24	8.165	3.021	0.37	2.169	7.668	2.837	0.37	2.268	7.242	2.680	0.37	2.366
26	18	6.958	5.358	0.77	1.933	6.390	4.920	0.77	2.051	5.893	4.538	0.77	2.130
26	20	7.313	4.753	0.65	2.011	6.816	4.430	0.65	2.110	6.319	4.107	0.65	2.228
26	22	7.739	4.102	0.53	2.090	7.242	3.838	0.53	2.209	6.745	3.575	0.53	2.288
26	24	8.165	3.348	0.41	2.169	7.668	3.144	0.41	2.268	7.242	2.969	0.41	2.366
26	26	8.591	2.491	0.29	2.248	8.094	2.347	0.29	2.347	7.597	2.203	0.29	2.445
27	18	6.958	5.636	0.81	1.933	6.390	5.176	0.81	2.051	5.893	4.773	0.81	2.130
27	20	7.313	5.046	0.69	2.011	6.816	4.703	0.69	2.110	6.319	4.360	0.69	2.228
27	22	7.739	4.411	0.57	2.090	7.242	4.128	0.57	2.209	6.745	3.845	0.57	2.288
27	24	8.165	3.674	0.45	2.169	7.668	3.451	0.45	2.268	7.242	3.259	0.45	2.366
27	26	8.591	2.835	0.33	2.248	8.094	2.671	0.33	2.347	7.597	2.507	0.33	2.445
28	18	6.958	5.914	0.85	1.933	6.390	5.432	0.85	2.051	5.893	5.009	0.85	2.130
28	20	7.313	5.338	0.73	2.011	6.816	4.976	0.73	2.110	6.319	4.613	0.73	2.228
28	22	7.739	4.721	0.61	2.090	7.242	4.418	0.61	2.209	6.745	4.114	0.61	2.288
28	24	8.165	4.001	0.49	2.169	7.668	3.757	0.49	2.268	7.242	3.549	0.49	2.366
28	26	8.591	3.179	0.37	2.248	8.094	2.995	0.37	2.347	7.597	2.811	0.37	2.445
29	18	6.958	6.193	0.89	1.933	6.390	5.687	0.89	2.051	5.893	5.245	0.89	2.130
29	20	7.313	5.631	0.77	2.011	6.816	5.248	0.77	2.110	6.319	4.866	0.77	2.228
29	22	7.739	5.030	0.65	2.090	7.242	4.707	0.65	2.209	6.745	4.384	0.65	2.288
29	24	8.165	4.327	0.53	2.169	7.668	4.064	0.53	2.268	7.242	3.838	0.53	2.366
29	26	8.591	3.522	0.41	2.248	8.094	3.319	0.41	2.347	7.597	3.115	0.41	2.445
30	18	6.958	6.471	0.93	1.933	6.390	5.943	0.93	2.051	5.893	5.480	0.93	2.130
30	20	7.313	5.924	0.81	2.011	6.816	5.521	0.81	2.110	6.319	5.118	0.81	2.228
30	22	7.739	5.340	0.69	2.090	7.242	4.997	0.69	2.209	6.745	4.654	0.69	2.288
30	24	8.165	4.654	0.57	2.169	7.668	4.371	0.57	2.268	7.242	4.128	0.57	2.366
30	26	8.591	3.866	0.45	2.248	8.094	3.642	0.45	2.347	7.597	3.419	0.45	2.445
31	18	6.958	6.749	0.97	1.933	6.390	6.198	0.97	2.051	5.893	5.716	0.97	2.130
31	20	7.313	6.216	0.85	2.011	6.816	5.794	0.85	2.110	6.319	5.371	0.85	2.228
31	22	7.739	5.649	0.73	2.090	7.242	5.287	0.73	2.209	6.745	4.924	0.73	2.288
31	24	8.165	4.981	0.61	2.169	7.668	4.677	0.61	2.268	7.242	4.418	0.61	2.366
31	26	8.591	4.210	0.49	2.248	8.094	3.966	0.49	2.347	7.597	3.723	0.49	2.445
32	18	6.958	6.958	1.00	1.933	6.390	6.390	1.00	2.051	5.893	5.893	1.00	2.130
32	20	7.313	6.509	0.89	2.011	6.816	6.066	0.89	2.110	6.319	5.624	0.89	2.228
32	22	7.739	5.959	0.77	2.090	7.242	5.576	0.77	2.209	6.745	5.194	0.77	2.288
32	24	8.165	5.307	0.65	2.169	7.668	4.984	0.65	2.268	7.242	4.707	0.65	2.366
32	26	8.591	4.553	0.53	2.248	8.094	4.290	0.53	2.347	7.597	4.026	0.53	2.445

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM100EA / PUZ-SM100VKA PUZ-SM100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.301	0.67	2.23	9.120	6.110	0.67	2.36	8.835	5.919	0.67	2.50
20	18	10.070	5.539	0.55	2.27	9.785	5.382	0.55	2.40	9.453	5.199	0.55	2.57
20	20	10.830	4.657	0.43	2.34	10.593	4.555	0.43	2.46	10.308	4.432	0.43	2.62
22	16	9.405	7.054	0.75	2.23	9.120	6.840	0.75	2.36	8.835	6.626	0.75	2.50
22	18	10.070	6.344	0.63	2.27	9.785	6.165	0.63	2.40	9.453	5.955	0.63	2.57
22	20	10.830	5.523	0.51	2.34	10.593	5.402	0.51	2.46	10.308	5.257	0.51	2.62
24	16	9.405	7.806	0.83	2.23	9.120	7.570	0.83	2.36	8.835	7.333	0.83	2.50
24	18	10.070	7.150	0.71	2.27	9.785	6.947	0.71	2.40	9.453	6.711	0.71	2.57
24	20	10.830	6.390	0.59	2.34	10.593	6.250	0.59	2.46	10.308	6.081	0.59	2.62
24	22	11.543	5.425	0.47	2.40	11.305	5.313	0.47	2.54	11.020	5.179	0.47	2.71
26	16	9.405	8.559	0.91	2.23	9.120	8.299	0.91	2.36	8.835	8.040	0.91	2.50
26	18	10.070	7.955	0.79	2.27	9.785	7.730	0.79	2.40	9.453	7.467	0.79	2.57
26	20	10.830	7.256	0.67	2.34	10.593	7.097	0.67	2.46	10.308	6.906	0.67	2.62
26	22	11.543	6.348	0.55	2.40	11.305	6.218	0.55	2.54	11.020	6.061	0.55	2.71
27	16	9.405	8.935	0.95	2.23	9.120	8.664	0.95	2.36	8.835	8.393	0.95	2.50
27	18	10.070	8.358	0.83	2.27	9.785	8.122	0.83	2.40	9.453	7.846	0.83	2.57
27	20	10.830	7.689	0.71	2.34	10.593	7.521	0.71	2.46	10.308	7.318	0.71	2.62
27	22	11.543	6.810	0.59	2.40	11.305	6.670	0.59	2.54	11.020	6.502	0.59	2.71
28	16	9.405	9.311	0.99	2.23	9.120	9.029	0.99	2.36	8.835	8.747	0.99	2.50
28	18	10.070	8.761	0.87	2.27	9.785	8.513	0.87	2.40	9.453	8.224	0.87	2.57
28	20	10.830	8.123	0.75	2.34	10.593	7.944	0.75	2.46	10.308	7.731	0.75	2.62
28	22	11.543	7.272	0.63	2.40	11.305	7.122	0.63	2.54	11.020	6.943	0.63	2.71
30	16	9.405	9.405	1.00	2.23	9.120	9.120	1.00	2.36	8.835	8.835	1.00	2.50
30	18	10.070	9.567	0.95	2.27	9.785	9.296	0.95	2.40	9.453	8.980	0.95	2.57
30	20	10.830	8.989	0.83	2.34	10.593	8.792	0.83	2.46	10.308	8.555	0.83	2.62
30	22	11.543	8.195	0.71	2.40	11.305	8.027	0.71	2.54	11.020	7.824	0.71	2.71
32	16	9.405	9.405	1.00	2.23	9.120	9.120	1.00	2.36	8.835	8.835	1.00	2.50
32	18	10.070	10.070	1.00	2.27	9.785	9.785	1.00	2.40	9.453	9.453	1.00	2.57
32	20	10.830	9.855	0.91	2.34	10.593	9.639	0.91	2.46	10.308	9.380	0.91	2.62
32	22	11.543	9.119	0.79	2.40	11.305	8.931	0.79	2.54	11.020	8.706	0.79	2.71
34	16	9.405	9.405	1.00	2.23	9.120	9.120	1.00	2.36	8.835	8.835	1.00	2.50
34	18	10.070	10.070	1.00	2.27	9.785	9.785	1.00	2.40	9.453	9.453	1.00	2.57
34	20	10.830	10.722	0.99	2.34	10.593	10.487	0.99	2.46	10.308	10.204	0.99	2.62
34	22	11.543	10.042	0.87	2.40	11.305	9.835	0.87	2.54	11.020	9.587	0.87	2.71

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.665	0.67	2.68	8.075	5.410	0.67	2.87	7.695	5.156	0.67	3.11
20	18	9.120	5.016	0.55	2.75	8.835	4.859	0.55	2.96	8.265	4.546	0.55	3.18
20	20	9.880	4.248	0.43	2.82	9.500	4.085	0.43	3.01	8.930	3.840	0.43	3.24
22	16	8.455	6.341	0.75	2.68	8.075	6.056	0.75	2.87	7.695	5.771	0.75	3.11
22	18	9.120	5.746	0.63	2.75	8.835	5.566	0.63	2.96	8.265	5.207	0.63	3.18
22	20	9.880	5.039	0.51	2.82	9.500	4.845	0.51	3.01	8.930	4.554	0.51	3.24
24	16	8.455	7.018	0.83	2.68	8.075	6.702	0.83	2.87	7.695	6.387	0.83	3.11
24	18	9.120	6.475	0.71	2.75	8.835	6.273	0.71	2.96	8.265	5.868	0.71	3.18
24	20	9.880	5.829	0.59	2.82	9.500	5.605	0.59	3.01	8.930	5.269	0.59	3.24
24	22	10.640	5.001	0.47	2.87	10.260	4.822	0.47	3.10	9.690	4.554	0.47	3.29
26	16	8.455	7.694	0.91	2.68	8.075	7.348	0.91	2.87	7.695	7.002	0.91	3.11
26	18	9.120	7.205	0.79	2.75	8.835	6.980	0.79	2.96	8.265	6.529	0.79	3.18
26	20	9.880	6.620	0.67	2.82	9.500	6.365	0.67	3.01	8.930	5.983	0.67	3.24
26	22	10.640	5.852	0.55	2.87	10.260	5.643	0.55	3.10	9.690	5.330	0.55	3.29
27	16	8.455	8.032	0.95	2.68	8.075	7.671	0.95	2.87	7.695	7.310	0.95	3.11
27	18	9.120	7.570	0.83	2.75	8.835	7.333	0.83	2.96	8.265	6.860	0.83	3.18
27	20	9.880	7.015	0.71	2.82	9.500	6.745	0.71	3.01	8.930	6.340	0.71	3.24
27	22	10.640	6.278	0.59	2.87	10.260	6.053	0.59	3.10	9.690	5.717	0.59	3.29
28	16	8.455	8.370	0.99	2.68	8.075	7.994	0.99	2.87	7.695	7.618	0.99	3.11
28	18	9.120	7.934	0.87	2.75	8.835	7.686	0.87	2.96	8.265	7.191	0.87	3.18
28	20	9.880	7.410	0.75	2.82	9.500	7.125	0.75	3.01	8.930	6.698	0.75	3.24
28	22	10.640	6.703	0.63	2.87	10.260	6.464	0.63	3.10	9.690	6.105	0.63	3.29
30	16	8.455	8.455	1.00	2.68	8.075	8.075	1.00	2.87	7.695	7.695	1.00	3.11
30	18	9.120	8.664	0.95	2.75	8.835	8.393	0.95	2.96	8.265	7.852	0.95	3.18
30	20	9.880	8.200	0.83	2.82	9.500	7.885	0.83	3.01	8.930	7.412	0.83	3.24
30	22	10.640	7.554	0.71	2.87	10.260	7.285	0.71	3.10	9.690	6.880	0.71	3.29
32	16	8.455	8.455	1.00	2.68	8.075	8.075	1.00	2.87	7.695	7.695	1.00	3.11
32	18	9.120	9.120	1.00	2.75	8.835	8.835	1.00	2.96	8.265	8.265	1.00	3.18
32	20	9.880	8.991	0.91	2.82	9.500	8.645	0.91	3.01	8.930	8.126	0.91	3.24
32	22	10.640	8.406	0.79	2.87	10.260	8.105	0.79	3.10	9.690	7.655	0.79	3.29
34	16	8.455	8.455	1.00	2.68	8.075	8.075	1.00	2.87	7.695	7.695	1.00	3.11
34	18	9.120	9.120	1.00	2.75	8.835	8.835	1.00	2.96	8.265	8.265	1.00	3.18
34	20	9.880	9.781	0.99	2.82	9.500	9.405	0.99	3.01	8.930	8.841	0.99	3.24
34	22	10.640	9.257	0.87	2.87	10.260	8.926	0.87	3.10	9.690	8.430	0.87	3.29

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM125EA / PUZ-SM125VKA PUZ-SM125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.547	0.63	3.34	11.616	7.318	0.63	3.52	11.253	7.089	0.63	3.73
20	18	12.826	6.541	0.51	3.40	12.463	6.356	0.51	3.59	12.040	6.140	0.51	3.84
20	20	13.794	5.380	0.39	3.50	13.492	5.262	0.39	3.67	13.129	5.120	0.39	3.92
22	16	11.979	8.505	0.71	3.34	11.616	8.247	0.71	3.52	11.253	7.990	0.71	3.73
22	18	12.826	7.567	0.59	3.40	12.463	7.353	0.59	3.59	12.040	7.103	0.59	3.84
22	20	13.794	6.483	0.47	3.50	13.492	6.341	0.47	3.67	13.129	6.170	0.47	3.92
24	16	11.979	9.463	0.79	3.34	11.616	9.177	0.79	3.52	11.253	8.890	0.79	3.73
24	18	12.826	8.593	0.67	3.40	12.463	8.350	0.67	3.59	12.040	8.066	0.67	3.84
24	20	13.794	7.587	0.55	3.50	13.492	7.420	0.55	3.67	13.129	7.221	0.55	3.92
24	22	14.702	6.322	0.43	3.59	14.399	6.192	0.43	3.79	14.036	6.035	0.43	4.04
26	16	11.979	10.422	0.87	3.34	11.616	10.106	0.87	3.52	11.253	9.790	0.87	3.73
26	18	12.826	9.620	0.75	3.40	12.463	9.347	0.75	3.59	12.040	9.030	0.75	3.84
26	20	13.794	8.690	0.63	3.50	13.492	8.500	0.63	3.67	13.129	8.271	0.63	3.92
26	22	14.702	7.498	0.51	3.59	14.399	7.343	0.51	3.79	14.036	7.158	0.51	4.04
27	16	11.979	10.901	0.91	3.34	11.616	10.571	0.91	3.52	11.253	10.240	0.91	3.73
27	18	12.826	10.133	0.79	3.40	12.463	9.846	0.79	3.59	12.040	9.511	0.79	3.84
27	20	13.794	9.242	0.67	3.50	13.492	9.039	0.67	3.67	13.129	8.796	0.67	3.92
27	22	14.702	8.086	0.55	3.59	14.399	7.919	0.55	3.79	14.036	7.720	0.55	4.04
28	16	11.979	11.380	0.95	3.34	11.616	11.035	0.95	3.52	11.253	10.690	0.95	3.73
28	18	12.826	10.646	0.83	3.40	12.463	10.344	0.83	3.59	12.040	9.993	0.83	3.84
28	20	13.794	9.794	0.71	3.50	13.492	9.579	0.71	3.67	13.129	9.321	0.71	3.92
28	22	14.702	8.674	0.59	3.59	14.399	8.495	0.59	3.79	14.036	8.281	0.59	4.04
30	16	11.979	11.979	1.00	3.34	11.616	11.616	1.00	3.52	11.253	11.253	1.00	3.73
30	18	12.826	11.672	0.91	3.40	12.463	11.341	0.91	3.59	12.040	10.956	0.91	3.84
30	20	13.794	10.897	0.79	3.50	13.492	10.658	0.79	3.67	13.129	10.372	0.79	3.92
30	22	14.702	9.850	0.67	3.59	14.399	9.647	0.67	3.79	14.036	9.404	0.67	4.04
32	16	11.979	11.979	1.00	3.34	11.616	11.616	1.00	3.52	11.253	11.253	1.00	3.73
32	18	12.826	12.698	0.99	3.40	12.463	12.338	0.99	3.59	12.040	11.919	0.99	3.84
32	20	13.794	12.001	0.87	3.50	13.492	11.738	0.87	3.67	13.129	11.422	0.87	3.92
32	22	14.702	11.026	0.75	3.59	14.399	10.799	0.75	3.79	14.036	10.527	0.75	4.04
34	16	11.979	11.979	1.00	3.34	11.616	11.616	1.00	3.52	11.253	11.253	1.00	3.73
34	18	12.826	12.826	1.00	3.40	12.463	12.463	1.00	3.59	12.040	12.040	1.00	3.84
34	20	13.794	13.104	0.95	3.50	13.492	12.817	0.95	3.67	13.129	12.472	0.95	3.92
34	22	14.702	12.202	0.83	3.59	14.399	11.951	0.83	3.79	14.036	11.650	0.83	4.04

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.784	0.63	4.00	10.285	6.480	0.63	4.30	9.801	6.175	0.63	4.65
20	18	11.616	5.924	0.51	4.11	11.253	5.739	0.51	4.42	10.527	5.369	0.51	4.75
20	20	12.584	4.908	0.39	4.21	12.100	4.719	0.39	4.50	11.374	4.436	0.39	4.84
22	16	10.769	7.646	0.71	4.00	10.285	7.302	0.71	4.30	9.801	6.959	0.71	4.65
22	18	11.616	6.853	0.59	4.11	11.253	6.639	0.59	4.42	10.527	6.211	0.59	4.75
22	20	12.584	5.914	0.47	4.21	12.100	5.687	0.47	4.50	11.374	5.346	0.47	4.84
24	16	10.769	8.508	0.79	4.00	10.285	8.125	0.79	4.30	9.801	7.743	0.79	4.65
24	18	11.616	7.783	0.67	4.11	11.253	7.540	0.67	4.42	10.527	7.053	0.67	4.75
24	20	12.584	6.921	0.55	4.21	12.100	6.655	0.55	4.50	11.374	6.256	0.55	4.84
24	22	13.552	5.827	0.43	4.30	13.068	5.619	0.43	4.63	12.342	5.307	0.43	4.92
26	16	10.769	9.369	0.87	4.00	10.285	8.948	0.87	4.30	9.801	8.527	0.87	4.65
26	18	11.616	8.712	0.75	4.11	11.253	8.440	0.75	4.42	10.527	7.895	0.75	4.75
26	20	12.584	7.928	0.63	4.21	12.100	7.623	0.63	4.50	11.374	7.166	0.63	4.84
26	22	13.552	6.912	0.51	4.30	13.068	6.665	0.51	4.63	12.342	6.294	0.51	4.92
27	16	10.769	9.800	0.91	4.00	10.285	9.359	0.91	4.30	9.801	8.919	0.91	4.65
27	18	11.616	9.177	0.79	4.11	11.253	8.890	0.79	4.42	10.527	8.316	0.79	4.75
27	20	12.584	8.431	0.67	4.21	12.100	8.107	0.67	4.50	11.374	7.621	0.67	4.84
27	22	13.552	7.454	0.55	4.30	13.068	7.187	0.55	4.63	12.342	6.788	0.55	4.92
28	16	10.769	10.231	0.95	4.00	10.285	9.771	0.95	4.30	9.801	9.311	0.95	4.65
28	18	11.616	9.641	0.83	4.11	11.253	9.340	0.83	4.42	10.527	8.737	0.83	4.75
28	20	12.584	8.935	0.71	4.21	12.100	8.591	0.71	4.50	11.374	8.076	0.71	4.84
28	22	13.552	7.996	0.59	4.30	13.068	7.710	0.59	4.63	12.342	7.282	0.59	4.92
30	16	10.769	10.769	1.00	4.00	10.285	10.285	1.00	4.30	9.801	9.801	1.00	4.65
30	18	11.616	10.571	0.91	4.11	11.253	10.240	0.91	4.42	10.527	9.580	0.91	4.75
30	20	12.584	9.941	0.79	4.21	12.100	9.559	0.79	4.50	11.374	8.985	0.79	4.84
30	22	13.552	9.080	0.67	4.30	13.068	8.756	0.67	4.63	12.342	8.269	0.67	4.92
32	16	10.769	10.769	1.00	4.00	10.285	10.285	1.00	4.30	9.801	9.801	1.00	4.65
32	18	11.616	11.500	0.99	4.11	11.253	11.140	0.99	4.42	10.527	10.422	0.99	4.75
32	20	12.584	10.948	0.87	4.21	12.100	10.527	0.87	4.50	11.374	9.895	0.87	4.84
32	22	13.552	10.164	0.75	4.30	13.068	9.801	0.75	4.63	12.342	9.257	0.75	4.92
34	16	10.769	10.769	1.00	4.00	10.285	10.285	1.00	4.30	9.801	9.801	1.00	4.65
34	18	11.616	11.616	1.00	4.11	11.253	11.253	1.00	4.42	10.527	10.527	1.00	4.75
34	20	12.584	11.955	0.95	4.21	12.100	11.495	0.95	4.50	11.374	10.805	0.95	4.84
34	22	13.552	11.248	0.83	4.30	13.068	10.846	0.83	4.63	12.342	10.244	0.83	4.92

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM140EA / PUZ-SM140VKA PUZ-SM140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	7.960	0.60	4.10	12.864	7.718	0.60	4.33	12.462	7.477	0.60	4.59
20	18	14.204	6.818	0.48	4.18	13.802	6.625	0.48	4.41	13.333	6.400	0.48	4.72
20	20	15.276	5.499	0.36	4.31	14.941	5.379	0.36	4.51	14.539	5.234	0.36	4.82
22	16	13.266	9.021	0.68	4.10	12.864	8.748	0.68	4.33	12.462	8.474	0.68	4.59
22	18	14.204	7.954	0.56	4.18	13.802	7.729	0.56	4.41	13.333	7.466	0.56	4.72
22	20	15.276	6.721	0.44	4.31	14.941	6.574	0.44	4.51	14.539	6.397	0.44	4.82
24	16	13.266	10.082	0.76	4.10	12.864	9.777	0.76	4.33	12.462	9.471	0.76	4.59
24	18	14.204	9.091	0.64	4.18	13.802	8.833	0.64	4.41	13.333	8.533	0.64	4.72
24	20	15.276	7.944	0.52	4.31	14.941	7.769	0.52	4.51	14.539	7.560	0.52	4.82
24	22	16.281	6.512	0.40	4.41	15.946	6.378	0.40	4.67	15.544	6.218	0.40	4.98
26	16	13.266	11.143	0.84	4.10	12.864	10.806	0.84	4.33	12.462	10.468	0.84	4.59
26	18	14.204	10.227	0.72	4.18	13.802	9.937	0.72	4.41	13.333	9.600	0.72	4.72
26	20	15.276	9.166	0.60	4.31	14.941	8.965	0.60	4.51	14.539	8.723	0.60	4.82
26	22	16.281	7.815	0.48	4.41	15.946	7.654	0.48	4.67	15.544	7.461	0.48	4.98
27	16	13.266	11.674	0.88	4.10	12.864	11.320	0.88	4.33	12.462	10.967	0.88	4.59
27	18	14.204	10.795	0.76	4.18	13.802	10.490	0.76	4.41	13.333	10.133	0.76	4.72
27	20	15.276	9.777	0.64	4.31	14.941	9.562	0.64	4.51	14.539	9.305	0.64	4.82
27	22	16.281	8.466	0.52	4.41	15.946	8.292	0.52	4.67	15.544	8.083	0.52	4.98
28	16	13.266	12.205	0.92	4.10	12.864	11.835	0.92	4.33	12.462	11.465	0.92	4.59
28	18	14.204	11.363	0.80	4.18	13.802	11.042	0.80	4.41	13.333	10.666	0.80	4.72
28	20	15.276	10.388	0.68	4.31	14.941	10.160	0.68	4.51	14.539	9.887	0.68	4.82
28	22	16.281	9.117	0.56	4.41	15.946	8.930	0.56	4.67	15.544	8.705	0.56	4.98
30	16	13.266	13.266	1.00	4.10	12.864	12.864	1.00	4.33	12.462	12.462	1.00	4.59
30	18	14.204	12.500	0.88	4.18	13.802	12.146	0.88	4.41	13.333	11.733	0.88	4.72
30	20	15.276	11.610	0.76	4.31	14.941	11.355	0.76	4.51	14.539	11.050	0.76	4.82
30	22	16.281	10.420	0.64	4.41	15.946	10.205	0.64	4.67	15.544	9.948	0.64	4.98
32	16	13.266	13.266	1.00	4.10	12.864	12.864	1.00	4.33	12.462	12.462	1.00	4.59
32	18	14.204	13.636	0.96	4.18	13.802	13.250	0.96	4.41	13.333	12.800	0.96	4.72
32	20	15.276	12.832	0.84	4.31	14.941	12.550	0.84	4.51	14.539	12.213	0.84	4.82
32	22	16.281	11.722	0.72	4.41	15.946	11.481	0.72	4.67	15.544	11.192	0.72	4.98
34	16	13.266	13.266	1.00	4.10	12.864	12.864	1.00	4.33	12.462	12.462	1.00	4.59
34	18	14.204	14.204	1.00	4.18	13.802	13.802	1.00	4.41	13.333	13.333	1.00	4.72
34	20	15.276	14.054	0.92	4.31	14.941	13.746	0.92	4.51	14.539	13.376	0.92	4.82
34	22	16.281	13.025	0.80	4.41	15.946	12.757	0.80	4.67	15.544	12.435	0.80	4.98

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	7.156	0.60	4.92	11.390	6.834	0.60	5.28	10.854	6.512	0.60	5.72
20	18	12.864	6.175	0.48	5.05	12.462	5.982	0.48	5.44	11.658	5.596	0.48	5.85
20	20	13.936	5.017	0.36	5.18	13.400	4.824	0.36	5.54	12.596	4.535	0.36	5.95
22	16	11.926	8.110	0.68	4.92	11.390	7.745	0.68	5.28	10.854	7.381	0.68	5.72
22	18	12.864	7.204	0.56	5.05	12.462	6.979	0.56	5.44	11.658	6.528	0.56	5.85
22	20	13.936	6.132	0.44	5.18	13.400	5.896	0.44	5.54	12.596	5.542	0.44	5.95
24	16	11.926	9.064	0.76	4.92	11.390	8.656	0.76	5.28	10.854	8.249	0.76	5.72
24	18	12.864	8.233	0.64	5.05	12.462	7.976	0.64	5.44	11.658	7.461	0.64	5.85
24	20	13.936	7.247	0.52	5.18	13.400	6.968	0.52	5.54	12.596	6.550	0.52	5.95
24	22	15.008	6.003	0.40	5.28	14.472	5.789	0.40	5.69	13.668	5.467	0.40	6.05
26	16	11.926	10.018	0.84	4.92	11.390	9.568	0.84	5.28	10.854	9.117	0.84	5.72
26	18	12.864	9.262	0.72	5.05	12.462	8.973	0.72	5.44	11.658	8.394	0.72	5.85
26	20	13.936	8.362	0.60	5.18	13.400	8.040	0.60	5.54	12.596	7.558	0.60	5.95
26	22	15.008	7.204	0.48	5.28	14.472	6.947	0.48	5.69	13.668	6.561	0.48	6.05
27	16	11.926	10.495	0.88	4.92	11.390	10.023	0.88	5.28	10.854	9.552	0.88	5.72
27	18	12.864	9.777	0.76	5.05	12.462	9.471	0.76	5.44	11.658	8.860	0.76	5.85
27	20	13.936	8.919	0.64	5.18	13.400	8.576	0.64	5.54	12.596	8.061	0.64	5.95
27	22	15.008	7.804	0.52	5.28	14.472	7.525	0.52	5.69	13.668	7.107	0.52	6.05
28	16	11.926	10.972	0.92	4.92	11.390	10.479	0.92	5.28	10.854	9.986	0.92	5.72
28	18	12.864	10.291	0.80	5.05	12.462	9.970	0.80	5.44	11.658	9.326	0.80	5.85
28	20	13.936	9.476	0.68	5.18	13.400	9.112	0.68	5.54	12.596	8.565	0.68	5.95
28	22	15.008	8.404	0.56	5.28	14.472	8.104	0.56	5.69	13.668	7.654	0.56	6.05
30	16	11.926	11.926	1.00	4.92	11.390	11.390	1.00	5.28	10.854	10.854	1.00	5.72
30	18	12.864	11.320	0.88	5.05	12.462	10.967	0.88	5.44	11.658	10.259	0.88	5.85
30	20	13.936	10.591	0.76	5.18	13.400	10.184	0.76	5.54	12.596	9.573	0.76	5.95
30	22	15.008	9.605	0.64	5.28	14.472	9.262	0.64	5.69	13.668	8.748	0.64	6.05
32	16	11.926	11.926	1.00	4.92	11.390	11.390	1.00	5.28	10.854	10.854	1.00	5.72
32	18	12.864	12.349	0.96	5.05	12.462	11.964	0.96	5.44	11.658	11.192	0.96	5.85
32	20	13.936	11.706	0.84	5.18	13.400	11.256	0.84	5.54	12.596	10.581	0.84	5.95
32	22	15.008	10.806	0.72	5.28	14.472	10.420	0.72	5.69	13.668	9.841	0.72	6.05
34	16	11.926	11.926	1.00	4.92	11.390	11.390	1.00	5.28	10.854	10.854	1.00	5.72
34	18	12.864	12.864	1.00	5.05	12.462	12.462	1.00	5.44	11.658	11.658	1.00	5.85
34	20	13.936	12.821	0.92	5.18	13.400	12.328	0.92	5.54	12.596	11.588	0.92	5.95
34	22	15.008	12.006	0.80	5.28	14.472	11.578	0.80	5.69	13.668	10.934	0.80	6.05

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**HEATING CAPACITY
PLA-M·EA2 / PUZ-ZM·VKA2 PUZ-ZM·VHA2**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.604	0.525	2.829	0.579	3.157	0.668	4.141	0.801	4.674	0.890	5.207	0.961
	21	2.501	0.570	2.706	0.623	2.993	0.721	3.998	0.863	4.510	0.961	5.023	1.032
	26	2.419	0.605	2.624	0.676	2.870	0.783	3.772	0.917	4.346	1.028	4.838	1.108
PLA-M50EA2	15	3.810	0.933	4.140	1.028	4.620	1.186	6.060	1.423	6.840	1.581	7.620	1.707
	21	3.660	1.012	3.960	1.107	4.380	1.281	5.850	1.534	6.600	1.707	7.350	1.834
	26	3.540	1.075	3.840	1.202	4.200	1.391	5.520	1.628	6.360	1.826	7.080	1.968
PLA-M60EA2	15	4.445	1.099	4.830	1.211	5.390	1.397	7.070	1.677	7.980	1.863	8.890	2.012
	21	4.270	1.192	4.620	1.304	5.110	1.509	6.825	1.807	7.700	2.012	8.575	2.161
	26	4.130	1.267	4.480	1.416	4.900	1.639	6.440	1.919	7.420	2.152	8.260	2.319
PLA-M71EA2	15	5.080	1.188	5.520	1.309	6.160	1.511	8.080	1.813	9.120	2.014	10.160	2.175
	21	4.880	1.289	5.280	1.410	5.840	1.631	7.800	1.954	8.800	2.175	9.800	2.336
	26	4.720	1.370	5.120	1.531	5.600	1.772	7.360	2.074	8.480	2.326	9.440	2.507
PLA-M100EA2	15	7.112	1.584	7.728	1.745	8.624	2.014	11.312	2.417	12.768	2.685	14.224	2.900
	21	6.832	1.718	7.392	1.880	8.176	2.175	10.920	2.604	12.320	2.900	13.720	3.115
	26	6.608	1.826	7.168	2.041	7.840	2.363	10.304	2.766	11.872	3.101	13.216	3.343
PLA-M125EA2	15	8.890	2.226	9.660	2.452	10.780	2.830	14.140	3.396	15.960	3.773	17.780	4.075
	21	8.540	2.415	9.240	2.641	10.220	3.056	13.650	3.660	15.400	4.075	17.150	4.377
	26	8.260	2.566	8.960	2.867	9.800	3.320	12.880	3.886	14.840	4.358	16.520	4.697
PLA-M140EA2	15	10.160	2.575	11.040	2.837	12.320	3.274	16.160	3.929	18.240	4.365	20.320	4.714
	21	9.760	2.794	10.560	3.056	11.680	3.536	15.600	4.234	17.600	4.714	19.600	5.063
	26	9.440	2.968	10.240	3.317	11.200	3.841	14.720	4.496	16.960	5.042	18.880	5.434

**HEATING CAPACITY
PLA-M·EA2 / SUZ-M·VA**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.050	0.508	2.583	0.634	3.116	0.761	3.649	0.859	4.182	0.927	4.715	0.986	5.207	1.015	5.740	1.035
	21	1.927	0.541	2.460	0.683	2.952	0.810	3.485	0.898	3.977	0.966	4.510	1.015	5.002	1.044	5.515	1.083
	26	1.681	0.586	2.214	0.732	2.747	0.859	3.239	0.947	3.772	1.015	4.305	1.064	4.797	1.093	5.330	1.122
PLA-M50EA2	15	3.000	0.902	3.780	1.127	4.560	1.353	5.340	1.526	6.120	1.647	6.900	1.751	7.620	1.803	8.400	1.838
	21	2.820	0.961	3.600	1.214	4.320	1.439	5.100	1.595	5.820	1.717	6.600	1.803	7.320	1.855	8.070	1.925
	26	2.460	1.040	3.240	1.301	4.020	1.526	4.740	1.682	5.520	1.803	6.300	1.890	7.020	1.942	7.800	1.994
PLA-M60EA2	15	3.500	0.958	4.410	1.197	5.320	1.437	6.230	1.621	7.140	1.750	8.050	1.860	8.890	1.916	9.800	1.953
	21	3.290	1.020	4.200	1.289	5.040	1.529	5.950	1.695	6.790	1.824	7.700	1.916	8.540	1.971	9.415	2.045
	26	2.870	1.105	3.780	1.382	4.690	1.621	5.530	1.787	6.440	1.916	7.350	2.008	8.190	2.063	9.100	2.118
PLA-M71EA2	15	4.000	1.152	5.040	1.440	6.080	1.728	7.120	1.950	8.160	2.105	9.200	2.238	10.160	2.305	11.200	2.349
	21	3.760	1.228	4.800	1.551	5.760	1.839	6.800	2.039	7.760	2.194	8.800	2.305	9.760	2.371	10.760	2.460
	26	3.280	1.330	4.320	1.662	5.360	1.950	6.320	2.150	7.360	2.305	8.400	2.415	9.360	2.482	10.400	2.548

**HEATING CAPACITY
PLA-M·EA2 / PUZ-M·VKA2 PUZ-M·YKA2**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M100EA2	15	7.112	1.781	7.728	1.962	8.624	2.264	11.312	2.716	12.768	3.018	14.224	3.259
	20	6.832	1.932	7.392	2.113	8.176	2.445	10.920	2.927	12.320	3.259	13.720	3.501
	25	6.608	2.052	7.168	2.294	7.840	2.656	10.304	3.109	11.872	3.486	13.216	3.757
PLA-M125EA2	15	8.573	2.146	9.315	2.365	10.395	2.729	13.635	3.274	15.390	3.638	17.145	3.929
	20	8.235	2.328	8.910	2.547	9.855	2.947	13.163	3.529	14.850	3.929	16.538	4.220
	25	7.965	2.474	8.640	2.765	9.450	3.201	12.420	3.747	14.310	4.202	15.930	4.529
PLA-M140EA2	15	9.525	2.595	10.350	2.859	11.550	3.299	15.150	3.958	17.100	4.398	19.050	4.750
	20	9.150	2.815	9.900	3.079	10.950	3.562	14.625	4.266	16.500	4.750	18.375	5.102
	25	8.850	2.991	9.600	3.342	10.500	3.870	13.800	4.530	15.900	5.080	17.700	5.476

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**HEATING CAPACITY
PLA-SM-EA / SUZ-SM-VA**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM71EA	15	4.000	1.186	5.040	1.482	6.080	1.778	7.120	2.006	8.160	2.166	9.200	2.303	10.160	2.371	11.200	2.417
	21	3.760	1.263	4.800	1.596	5.760	1.892	6.800	2.098	7.760	2.257	8.800	2.371	9.760	2.440	10.760	2.531
	26	3.280	1.368	4.320	1.710	5.360	2.006	6.320	2.212	7.360	2.371	8.400	2.485	9.360	2.554	10.400	2.622

**HEATING CAPACITY
PLA-SM-EA / PUZ-SM-VKA PUZ-SM-YKA**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM100EA	15	7.112	1.83	7.728	2.02	8.624	2.33	11.312	2.79	12.768	3.10	14.224	3.35
	20	6.832	1.98	7.392	2.17	8.176	2.51	10.920	3.01	12.320	3.35	13.720	3.60
	25	6.608	2.11	7.168	2.36	7.840	2.73	10.304	3.19	11.872	3.58	13.216	3.86
PLA-SM125EA	15	8.573	2.20	9.315	2.42	10.395	2.80	13.635	3.36	15.390	3.73	17.145	4.03
	20	8.235	2.39	8.910	2.61	9.855	3.02	13.163	3.62	14.850	4.03	16.538	4.33
	25	7.965	2.54	8.640	2.83	9.450	3.28	12.420	3.84	14.310	4.31	15.930	4.64
PLA-SM140EA	15	9.525	2.68	10.350	2.95	11.550	3.41	15.150	4.09	17.100	4.54	19.050	4.90
	20	9.150	2.91	9.900	3.18	10.950	3.68	14.625	4.40	16.500	4.90	18.375	5.27
	25	8.850	3.09	9.600	3.45	10.500	4.00	13.800	4.68	15.900	5.24	17.700	5.65

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.1.5.2 R410A type

COOLING CAPACITY

PLA-ZM100EA2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	6.435	0.65	2.29	9.600	6.240	0.65	2.41	9.300	6.045	0.65	2.56
20	18	10.600	5.618	0.53	2.33	10.300	5.459	0.53	2.46	9.950	5.274	0.53	2.63
20	20	11.400	4.674	0.41	2.40	11.150	4.572	0.41	2.51	10.850	4.449	0.41	2.69
22	16	9.900	7.227	0.73	2.29	9.600	7.008	0.73	2.41	9.300	6.789	0.73	2.56
22	18	10.600	6.466	0.61	2.33	10.300	6.283	0.61	2.46	9.950	6.070	0.61	2.63
22	20	11.400	5.586	0.49	2.40	11.150	5.464	0.49	2.51	10.850	5.317	0.49	2.69
24	16	9.900	8.019	0.81	2.29	9.600	7.776	0.81	2.41	9.300	7.533	0.81	2.56
24	18	10.600	7.314	0.69	2.33	10.300	7.107	0.69	2.46	9.950	6.866	0.69	2.63
24	20	11.400	6.498	0.57	2.40	11.150	6.356	0.57	2.51	10.850	6.185	0.57	2.69
24	22	12.150	5.468	0.45	2.46	11.900	5.355	0.45	2.60	11.600	5.220	0.45	2.77
26	16	9.900	8.811	0.89	2.29	9.600	8.544	0.89	2.41	9.300	8.277	0.89	2.56
26	18	10.600	8.162	0.77	2.33	10.300	7.931	0.77	2.46	9.950	7.662	0.77	2.63
26	20	11.400	7.410	0.65	2.40	11.150	7.248	0.65	2.51	10.850	7.053	0.65	2.69
26	22	12.150	6.440	0.53	2.46	11.900	6.307	0.53	2.60	11.600	6.148	0.53	2.77
27	16	9.900	9.207	0.93	2.29	9.600	8.928	0.93	2.41	9.300	8.649	0.93	2.56
27	18	10.600	8.586	0.81	2.33	10.300	8.343	0.81	2.46	9.950	8.060	0.81	2.63
27	20	11.400	7.866	0.69	2.40	11.150	7.694	0.69	2.51	10.850	7.487	0.69	2.69
27	22	12.150	6.926	0.57	2.46	11.900	6.783	0.57	2.60	11.600	6.612	0.57	2.77
28	16	9.900	9.603	0.97	2.29	9.600	9.312	0.97	2.41	9.300	9.021	0.97	2.56
28	18	10.600	9.010	0.85	2.33	10.300	8.755	0.85	2.46	9.950	8.458	0.85	2.63
28	20	11.400	8.322	0.73	2.40	11.150	8.140	0.73	2.51	10.850	7.921	0.73	2.69
28	22	12.150	7.412	0.61	2.46	11.900	7.259	0.61	2.60	11.600	7.076	0.61	2.77
30	16	9.900	9.900	1.00	2.29	9.600	9.600	1.00	2.41	9.300	9.300	1.00	2.56
30	18	10.600	9.858	0.93	2.33	10.300	9.579	0.93	2.46	9.950	9.254	0.93	2.63
30	20	11.400	9.234	0.81	2.40	11.150	9.032	0.81	2.51	10.850	8.789	0.81	2.69
30	22	12.150	8.384	0.69	2.46	11.900	8.211	0.69	2.60	11.600	8.004	0.69	2.77
32	16	9.900	9.900	1.00	2.29	9.600	9.600	1.00	2.41	9.300	9.300	1.00	2.56
32	18	10.600	10.600	1.00	2.33	10.300	10.300	1.00	2.46	9.950	9.950	1.00	2.63
32	20	11.400	10.146	0.89	2.40	11.150	9.924	0.89	2.51	10.850	9.657	0.89	2.69
32	22	12.150	9.356	0.77	2.46	11.900	9.163	0.77	2.60	11.600	8.932	0.77	2.77
34	16	9.900	9.900	1.00	2.29	9.600	9.600	1.00	2.41	9.300	9.300	1.00	2.56
34	18	10.600	10.600	1.00	2.33	10.300	10.300	1.00	2.46	9.950	9.950	1.00	2.63
34	20	11.400	11.058	0.97	2.40	11.150	10.816	0.97	2.51	10.850	10.525	0.97	2.69
34	22	12.150	10.328	0.85	2.46	11.900	10.115	0.85	2.60	11.600	9.860	0.85	2.77

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	5.785	0.65	2.74	8.500	5.525	0.65	2.94	8.100	5.265	0.65	3.19
20	18	9.600	5.088	0.53	2.81	9.300	4.929	0.53	3.03	8.700	4.611	0.53	3.26
20	20	10.400	4.264	0.41	2.89	10.000	4.100	0.41	3.09	9.400	3.854	0.41	3.31
22	16	8.900	6.497	0.73	2.74	8.500	6.205	0.73	2.94	8.100	5.913	0.73	3.19
22	18	9.600	5.856	0.61	2.81	9.300	5.673	0.61	3.03	8.700	5.307	0.61	3.26
22	20	10.400	5.096	0.49	2.89	10.000	4.900	0.49	3.09	9.400	4.606	0.49	3.31
24	16	8.900	7.209	0.81	2.74	8.500	6.885	0.81	2.94	8.100	6.561	0.81	3.19
24	18	9.600	6.624	0.69	2.81	9.300	6.417	0.69	3.03	8.700	6.003	0.69	3.26
24	20	10.400	5.928	0.57	2.89	10.000	5.700	0.57	3.09	9.400	5.358	0.57	3.31
24	22	11.200	5.040	0.45	2.94	10.800	4.860	0.45	3.17	10.200	4.590	0.45	3.37
26	16	8.900	7.921	0.89	2.74	8.500	7.565	0.89	2.94	8.100	7.209	0.89	3.19
26	18	9.600	7.392	0.77	2.81	9.300	7.161	0.77	3.03	8.700	6.699	0.77	3.26
26	20	10.400	6.760	0.65	2.89	10.000	6.500	0.65	3.09	9.400	6.110	0.65	3.31
26	22	11.200	5.936	0.53	2.94	10.800	5.724	0.53	3.17	10.200	5.406	0.53	3.37
27	16	8.900	8.277	0.93	2.74	8.500	7.905	0.93	2.94	8.100	7.533	0.93	3.19
27	18	9.600	7.776	0.81	2.81	9.300	7.533	0.81	3.03	8.700	7.047	0.81	3.26
27	20	10.400	7.176	0.69	2.89	10.000	6.900	0.69	3.09	9.400	6.486	0.69	3.31
27	22	11.200	6.384	0.57	2.94	10.800	6.156	0.57	3.17	10.200	5.814	0.57	3.37
28	16	8.900	8.633	0.97	2.74	8.500	8.245	0.97	2.94	8.100	7.857	0.97	3.19
28	18	9.600	8.160	0.85	2.81	9.300	7.905	0.85	3.03	8.700	7.395	0.85	3.26
28	20	10.400	7.592	0.73	2.89	10.000	7.300	0.73	3.09	9.400	6.862	0.73	3.31
28	22	11.200	6.832	0.61	2.94	10.800	6.588	0.61	3.17	10.200	6.222	0.61	3.37
30	16	8.900	8.900	1.00	2.74	8.500	8.500	1.00	2.94	8.100	8.100	1.00	3.19
30	18	9.600	8.928	0.93	2.81	9.300	8.649	0.93	3.03	8.700	8.091	0.93	3.26
30	20	10.400	8.424	0.81	2.89	10.000	8.100	0.81	3.09	9.400	7.614	0.81	3.31
30	22	11.200	7.728	0.69	2.94	10.800	7.452	0.69	3.17	10.200	7.038	0.69	3.37
32	16	8.900	8.900	1.00	2.74	8.500	8.500	1.00	2.94	8.100	8.100	1.00	3.19
32	18	9.600	9.600	1.00	2.81	9.300	9.300	1.00	3.03	8.700	8.700	1.00	3.26
32	20	10.400	9.256	0.89	2.89	10.000	8.900	0.89	3.09	9.400	8.366	0.89	3.31
32	22	11.200	8.624	0.77	2.94	10.800	8.316	0.77	3.17	10.200	7.854	0.77	3.37
34	16	8.900	8.900	1.00	2.74	8.500	8.500	1.00	2.94	8.100	8.100	1.00	3.19
34	18	9.600	9.600	1.00	2.81	9.300	9.300	1.00	3.03	8.700	8.700	1.00	3.26
34	20	10.400	10.088	0.97	2.89	10.000	9.700	0.97	3.09	9.400	9.118	0.97	3.31
34	22	11.200	9.520	0.85	2.94	10.800	9.180	0.85	3.17	10.200	8.670	0.85	3.37

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM125EA2 / PUHZ-SHW140YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.054	0.57	4.00	12.000	6.840	0.57	4.23	11.625	6.626	0.57	4.48
20	18	13.250	5.963	0.45	4.08	12.875	5.794	0.45	4.30	12.438	5.597	0.45	4.60
20	20	14.250	4.703	0.33	4.20	13.938	4.600	0.33	4.40	13.563	4.476	0.33	4.70
22	16	12.375	8.044	0.65	4.00	12.000	7.800	0.65	4.23	11.625	7.556	0.65	4.48
22	18	13.250	7.023	0.53	4.08	12.875	6.824	0.53	4.30	12.438	6.592	0.53	4.60
22	20	14.250	5.843	0.41	4.20	13.938	5.715	0.41	4.40	13.563	5.561	0.41	4.70
24	16	12.375	9.034	0.73	4.00	12.000	8.760	0.73	4.23	11.625	8.486	0.73	4.48
24	18	13.250	8.083	0.61	4.08	12.875	7.854	0.61	4.30	12.438	7.587	0.61	4.60
24	20	14.250	6.983	0.49	4.20	13.938	6.830	0.49	4.40	13.563	6.646	0.49	4.70
24	22	15.188	5.620	0.37	4.30	14.875	5.504	0.37	4.55	14.500	5.365	0.37	4.85
26	16	12.375	10.024	0.81	4.00	12.000	9.720	0.81	4.23	11.625	9.416	0.81	4.48
26	18	13.250	9.143	0.69	4.08	12.875	8.884	0.69	4.30	12.438	8.582	0.69	4.60
26	20	14.250	8.123	0.57	4.20	13.938	7.945	0.57	4.40	13.563	7.731	0.57	4.70
26	22	15.188	6.835	0.45	4.30	14.875	6.694	0.45	4.55	14.500	6.525	0.45	4.85
27	16	12.375	10.519	0.85	4.00	12.000	10.200	0.85	4.23	11.625	9.881	0.85	4.48
27	18	13.250	9.673	0.73	4.08	12.875	9.399	0.73	4.30	12.438	9.080	0.73	4.60
27	20	14.250	8.693	0.61	4.20	13.938	8.502	0.61	4.40	13.563	8.273	0.61	4.70
27	22	15.188	7.442	0.49	4.30	14.875	7.289	0.49	4.55	14.500	7.105	0.49	4.85
28	16	12.375	11.014	0.89	4.00	12.000	10.680	0.89	4.23	11.625	10.346	0.89	4.48
28	18	13.250	10.203	0.77	4.08	12.875	9.914	0.77	4.30	12.438	9.577	0.77	4.60
28	20	14.250	9.263	0.65	4.20	13.938	9.060	0.65	4.40	13.563	8.816	0.65	4.70
28	22	15.188	8.050	0.53	4.30	14.875	7.884	0.53	4.55	14.500	7.685	0.53	4.85
30	16	12.375	12.004	0.97	4.00	12.000	11.640	0.97	4.23	11.625	11.276	0.97	4.48
30	18	13.250	11.263	0.85	4.08	12.875	10.944	0.85	4.30	12.438	10.572	0.85	4.60
30	20	14.250	10.403	0.73	4.20	13.938	10.175	0.73	4.40	13.563	9.901	0.73	4.70
30	22	15.188	9.265	0.61	4.30	14.875	9.074	0.61	4.55	14.500	8.845	0.61	4.85
32	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
32	18	13.250	12.323	0.93	4.08	12.875	11.974	0.93	4.30	12.438	11.567	0.93	4.60
32	20	14.250	11.543	0.81	4.20	13.938	11.290	0.81	4.40	13.563	10.986	0.81	4.70
32	22	15.188	10.480	0.69	4.30	14.875	10.264	0.69	4.55	14.500	10.005	0.69	4.85
34	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
34	18	13.250	13.250	1.00	4.08	12.875	12.875	1.00	4.30	12.438	12.438	1.00	4.60
34	20	14.250	12.683	0.89	4.20	13.938	12.405	0.89	4.40	13.563	12.071	0.89	4.70
34	22	15.188	11.695	0.77	4.30	14.875	11.454	0.77	4.55	14.500	11.165	0.77	4.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.341	0.57	4.80	10.625	6.056	0.57	5.15	10.125	5.771	0.57	5.58
20	18	12.000	5.400	0.45	4.93	11.625	5.231	0.45	5.30	10.875	4.894	0.45	5.70
20	20	13.000	4.290	0.33	5.05	12.500	4.125	0.33	5.40	11.750	3.878	0.33	5.80
22	16	11.125	7.231	0.65	4.80	10.625	6.906	0.65	5.15	10.125	6.581	0.65	5.58
22	18	12.000	6.360	0.53	4.93	11.625	6.161	0.53	5.30	10.875	5.764	0.53	5.70
22	20	13.000	5.330	0.41	5.05	12.500	5.125	0.41	5.40	11.750	4.818	0.41	5.80
24	16	11.125	8.121	0.73	4.80	10.625	7.756	0.73	5.15	10.125	7.391	0.73	5.58
24	18	12.000	7.320	0.61	4.93	11.625	7.091	0.61	5.30	10.875	6.634	0.61	5.70
24	20	13.000	6.370	0.49	5.05	12.500	6.125	0.49	5.40	11.750	5.758	0.49	5.80
24	22	14.000	5.180	0.37	5.15	13.500	4.995	0.37	5.55	12.750	4.718	0.37	5.90
26	16	11.125	9.011	0.81	4.80	10.625	8.606	0.81	5.15	10.125	8.201	0.81	5.58
26	18	12.000	8.280	0.69	4.93	11.625	8.021	0.69	5.30	10.875	7.504	0.69	5.70
26	20	13.000	7.410	0.57	5.05	12.500	7.125	0.57	5.40	11.750	6.698	0.57	5.80
26	22	14.000	6.300	0.45	5.15	13.500	6.075	0.45	5.55	12.750	5.738	0.45	5.90
27	16	11.125	9.456	0.85	4.80	10.625	9.031	0.85	5.15	10.125	8.606	0.85	5.58
27	18	12.000	8.760	0.73	4.93	11.625	8.486	0.73	5.30	10.875	7.939	0.73	5.70
27	20	13.000	7.930	0.61	5.05	12.500	7.625	0.61	5.40	11.750	7.168	0.61	5.80
27	22	14.000	6.860	0.49	5.15	13.500	6.615	0.49	5.55	12.750	6.248	0.49	5.90
28	16	11.125	9.901	0.89	4.80	10.625	9.456	0.89	5.15	10.125	9.011	0.89	5.58
28	18	12.000	9.240	0.77	4.93	11.625	8.951	0.77	5.30	10.875	8.374	0.77	5.70
28	20	13.000	8.450	0.65	5.05	12.500	8.125	0.65	5.40	11.750	7.638	0.65	5.80
28	22	14.000	7.420	0.53	5.15	13.500	7.155	0.53	5.55	12.750	6.758	0.53	5.90
30	16	11.125	10.791	0.97	4.80	10.625	10.306	0.97	5.15	10.125	9.821	0.97	5.58
30	18	12.000	10.200	0.85	4.93	11.625	9.881	0.85	5.30	10.875	9.244	0.85	5.70
30	20	13.000	9.490	0.73	5.05	12.500	9.125	0.73	5.40	11.750	8.578	0.73	5.80
30	22	14.000	8.540	0.61	5.15	13.500	8.235	0.61	5.55	12.750	7.778	0.61	5.90
32	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
32	18	12.000	11.160	0.93	4.93	11.625	10.811	0.93	5.30	10.875	10.114	0.93	5.70
32	20	13.000	10.530	0.81	5.05	12.500	10.125	0.81	5.40	11.750	9.518	0.81	5.80
32	22	14.000	9.660	0.69	5.15	13.500	9.315	0.69	5.55	12.750	8.798	0.69	5.90
34	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
34	18	12.000	12.000	1.00	4.93	11.625	11.625	1.00	5.30	10.875	10.875	1.00	5.70
34	20	13.000	11.570	0.89	5.05	12.500	11.125	0.89	5.40	11.750	10.458	0.89	5.80
34	22	14.000	10.780	0.77	5.15	13.500	10.395	0.77	5.55	12.750	9.818	0.77	5.90

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	6.831	0.69	2.35	9.600	6.624	0.69	2.48	9.300	6.417	0.69	2.63
20	18	10.600	6.042	0.57	2.40	10.300	5.871	0.57	2.53	9.950	5.672	0.57	2.71
20	20	11.400	5.130	0.45	2.47	11.150	5.018	0.45	2.59	10.850	4.883	0.45	2.76
22	16	9.900	7.623	0.77	2.35	9.600	7.392	0.77	2.48	9.300	7.161	0.77	2.63
22	18	10.600	6.890	0.65	2.40	10.300	6.695	0.65	2.53	9.950	6.468	0.65	2.71
22	20	11.400	6.042	0.53	2.47	11.150	5.910	0.53	2.59	10.850	5.751	0.53	2.76
24	16	9.900	8.415	0.85	2.35	9.600	8.160	0.85	2.48	9.300	7.905	0.85	2.63
24	18	10.600	7.738	0.73	2.40	10.300	7.519	0.73	2.53	9.950	7.264	0.73	2.71
24	20	11.400	6.954	0.61	2.47	11.150	6.802	0.61	2.59	10.850	6.619	0.61	2.76
24	22	12.150	5.954	0.49	2.53	11.900	5.831	0.49	2.68	11.600	5.684	0.49	2.85
26	16	9.900	9.207	0.93	2.35	9.600	8.928	0.93	2.48	9.300	8.649	0.93	2.63
26	18	10.600	8.586	0.81	2.40	10.300	8.343	0.81	2.53	9.950	8.060	0.81	2.71
26	20	11.400	7.866	0.69	2.47	11.150	7.694	0.69	2.59	10.850	7.487	0.69	2.76
26	22	12.150	6.926	0.57	2.53	11.900	6.783	0.57	2.68	11.600	6.612	0.57	2.85
27	16	9.900	9.603	0.97	2.35	9.600	9.312	0.97	2.48	9.300	9.021	0.97	2.63
27	18	10.600	9.010	0.85	2.40	10.300	8.755	0.85	2.53	9.950	8.458	0.85	2.71
27	20	11.400	8.322	0.73	2.47	11.150	8.140	0.73	2.59	10.850	7.921	0.73	2.76
27	22	12.150	7.412	0.61	2.53	11.900	7.259	0.61	2.68	11.600	7.076	0.61	2.85
28	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
28	18	10.600	9.434	0.89	2.40	10.300	9.167	0.89	2.53	9.950	8.856	0.89	2.71
28	20	11.400	8.778	0.77	2.47	11.150	8.586	0.77	2.59	10.850	8.355	0.77	2.76
28	22	12.150	7.898	0.65	2.53	11.900	7.735	0.65	2.68	11.600	7.540	0.65	2.85
30	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
30	18	10.600	10.282	0.97	2.40	10.300	9.991	0.97	2.53	9.950	9.652	0.97	2.71
30	20	11.400	9.690	0.85	2.47	11.150	9.478	0.85	2.59	10.850	9.223	0.85	2.76
30	22	12.150	8.870	0.73	2.53	11.900	8.687	0.73	2.68	11.600	8.468	0.73	2.85
32	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
32	18	10.600	10.600	1.00	2.40	10.300	10.300	1.00	2.53	9.950	9.950	1.00	2.71
32	20	11.400	10.602	0.93	2.47	11.150	10.370	0.93	2.59	10.850	10.091	0.93	2.76
32	22	12.150	9.842	0.81	2.53	11.900	9.639	0.81	2.68	11.600	9.396	0.81	2.85
34	16	9.900	9.900	1.00	2.35	9.600	9.600	1.00	2.48	9.300	9.300	1.00	2.63
34	18	10.600	10.600	1.00	2.40	10.300	10.300	1.00	2.53	9.950	9.950	1.00	2.71
34	20	11.400	11.400	1.00	2.47	11.150	11.150	1.00	2.59	10.850	10.850	1.00	2.76
34	22	12.150	10.814	0.89	2.53	11.900	10.591	0.89	2.68	11.600	10.324	0.89	2.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	6.141	0.69	2.82	8.500	5.865	0.69	3.03	8.100	5.589	0.69	3.28
20	18	9.600	5.472	0.57	2.90	9.300	5.301	0.57	3.12	8.700	4.959	0.57	3.35
20	20	10.400	4.680	0.45	2.97	10.000	4.500	0.45	3.18	9.400	4.230	0.45	3.41
22	16	8.900	6.853	0.77	2.82	8.500	6.545	0.77	3.03	8.100	6.237	0.77	3.28
22	18	9.600	6.240	0.65	2.90	9.300	6.045	0.65	3.12	8.700	5.655	0.65	3.35
22	20	10.400	5.512	0.53	2.97	10.000	5.300	0.53	3.18	9.400	4.982	0.53	3.41
24	16	8.900	7.565	0.85	2.82	8.500	7.225	0.85	3.03	8.100	6.885	0.85	3.28
24	18	9.600	7.008	0.73	2.90	9.300	6.789	0.73	3.12	8.700	6.351	0.73	3.35
24	20	10.400	6.344	0.61	2.97	10.000	6.100	0.61	3.18	9.400	5.734	0.61	3.41
24	22	11.200	5.488	0.49	3.03	10.800	5.292	0.49	3.26	10.200	4.998	0.49	3.47
26	16	8.900	8.277	0.93	2.82	8.500	7.905	0.93	3.03	8.100	7.533	0.93	3.28
26	18	9.600	7.776	0.81	2.90	9.300	7.533	0.81	3.12	8.700	7.047	0.81	3.35
26	20	10.400	7.176	0.69	2.97	10.000	6.900	0.69	3.18	9.400	6.486	0.69	3.41
26	22	11.200	6.384	0.57	3.03	10.800	6.156	0.57	3.26	10.200	5.814	0.57	3.47
27	16	8.900	8.633	0.97	2.82	8.500	8.245	0.97	3.03	8.100	7.857	0.97	3.28
27	18	9.600	8.160	0.85	2.90	9.300	7.905	0.85	3.12	8.700	7.395	0.85	3.35
27	20	10.400	7.592	0.73	2.97	10.000	7.300	0.73	3.18	9.400	6.862	0.73	3.41
27	22	11.200	6.832	0.61	3.03	10.800	6.588	0.61	3.26	10.200	6.222	0.61	3.47
28	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
28	18	9.600	8.544	0.89	2.90	9.300	8.277	0.89	3.12	8.700	7.743	0.89	3.35
28	20	10.400	8.008	0.77	2.97	10.000	7.700	0.77	3.18	9.400	7.238	0.77	3.41
28	22	11.200	7.280	0.65	3.03	10.800	7.020	0.65	3.26	10.200	6.630	0.65	3.47
30	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
30	18	9.600	9.312	0.97	2.90	9.300	9.021	0.97	3.12	8.700	8.439	0.97	3.35
30	20	10.400	8.840	0.85	2.97	10.000	8.500	0.85	3.18	9.400	7.990	0.85	3.41
30	22	11.200	8.176	0.73	3.03	10.800	7.884	0.73	3.26	10.200	7.446	0.73	3.47
32	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
32	18	9.600	9.600	1.00	2.90	9.300	9.300	1.00	3.12	8.700	8.700	1.00	3.35
32	20	10.400	9.672	0.93	2.97	10.000	9.300	0.93	3.18	9.400	8.742	0.93	3.41
32	22	11.200	9.072	0.81	3.03	10.800	8.748	0.81	3.26	10.200	8.262	0.81	3.47
34	16	8.900	8.900	1.00	2.82	8.500	8.500	1.00	3.03	8.100	8.100	1.00	3.28
34	18	9.600	9.600	1.00	2.90	9.300	9.300	1.00	3.12	8.700	8.700	1.00	3.35
34	20	10.400	10.400	1.00	2.97	10.000	10.000	1.00	3.18	9.400	9.400	1.00	3.41
34	22	11.200	9.968	0.89	3.03	10.800	9.612	0.89	3.26	10.200	9.078	0.89	3.47

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M125EA2 / PUHZ-SHW140YHA(-BS)**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	8.415	0.68	4.00	12.000	8.160	0.68	4.23	11.625	7.905	0.68	4.48
20	18	13.250	7.420	0.56	4.08	12.875	7.210	0.56	4.30	12.438	6.965	0.56	4.60
20	20	14.250	6.270	0.44	4.20	13.938	6.133	0.44	4.40	13.563	5.968	0.44	4.70
22	16	12.375	9.405	0.76	4.00	12.000	9.120	0.76	4.23	11.625	8.835	0.76	4.48
22	18	13.250	8.480	0.64	4.08	12.875	8.240	0.64	4.30	12.438	7.960	0.64	4.60
22	20	14.250	7.410	0.52	4.20	13.938	7.248	0.52	4.40	13.563	7.053	0.52	4.70
24	16	12.375	10.395	0.84	4.00	12.000	10.080	0.84	4.23	11.625	9.765	0.84	4.48
24	18	13.250	9.540	0.72	4.08	12.875	9.270	0.72	4.30	12.438	8.955	0.72	4.60
24	20	14.250	8.550	0.60	4.20	13.938	8.363	0.60	4.40	13.563	8.138	0.60	4.70
24	22	15.188	7.290	0.48	4.30	14.875	7.140	0.48	4.55	14.500	6.960	0.48	4.85
26	16	12.375	11.385	0.92	4.00	12.000	11.040	0.92	4.23	11.625	10.695	0.92	4.48
26	18	13.250	10.600	0.80	4.08	12.875	10.300	0.80	4.30	12.438	9.950	0.80	4.60
26	20	14.250	9.690	0.68	4.20	13.938	9.478	0.68	4.40	13.563	9.223	0.68	4.70
26	22	15.188	8.505	0.56	4.30	14.875	8.330	0.56	4.55	14.500	8.120	0.56	4.85
27	16	12.375	11.880	0.96	4.00	12.000	11.520	0.96	4.23	11.625	11.160	0.96	4.48
27	18	13.250	11.130	0.84	4.08	12.875	10.815	0.84	4.30	12.438	10.448	0.84	4.60
27	20	14.250	10.260	0.72	4.20	13.938	10.035	0.72	4.40	13.563	9.765	0.72	4.70
27	22	15.188	9.113	0.60	4.30	14.875	8.925	0.60	4.55	14.500	8.700	0.60	4.85
28	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
28	18	13.250	11.660	0.88	4.08	12.875	11.330	0.88	4.30	12.438	10.945	0.88	4.60
28	20	14.250	10.830	0.76	4.20	13.938	10.593	0.76	4.40	13.563	10.308	0.76	4.70
28	22	15.188	9.720	0.64	4.30	14.875	9.520	0.64	4.55	14.500	9.280	0.64	4.85
30	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
30	18	13.250	12.720	0.96	4.08	12.875	12.360	0.96	4.30	12.438	11.940	0.96	4.60
30	20	14.250	11.970	0.84	4.20	13.938	11.708	0.84	4.40	13.563	11.393	0.84	4.70
30	22	15.188	10.935	0.72	4.30	14.875	10.710	0.72	4.55	14.500	10.440	0.72	4.85
32	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
32	18	13.250	13.250	1.00	4.08	12.875	12.875	1.00	4.30	12.438	12.438	1.00	4.60
32	20	14.250	13.110	0.92	4.20	13.938	12.823	0.92	4.40	13.563	12.478	0.92	4.70
32	22	15.188	12.150	0.80	4.30	14.875	11.900	0.80	4.55	14.500	11.600	0.80	4.85
34	16	12.375	12.375	1.00	4.00	12.000	12.000	1.00	4.23	11.625	11.625	1.00	4.48
34	18	13.250	13.250	1.00	4.08	12.875	12.875	1.00	4.30	12.438	12.438	1.00	4.60
34	20	14.250	14.250	1.00	4.20	13.938	13.938	1.00	4.40	13.563	13.563	1.00	4.70
34	22	15.188	13.365	0.88	4.30	14.875	13.090	0.88	4.55	14.500	12.760	0.88	4.85

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	7.565	0.68	4.80	10.625	7.225	0.68	5.15	10.125	6.885	0.68	5.58
20	18	12.000	6.720	0.56	4.93	11.625	6.510	0.56	5.30	10.875	6.090	0.56	5.70
20	20	13.000	5.720	0.44	5.05	12.500	5.500	0.44	5.40	11.750	5.170	0.44	5.80
22	16	11.125	8.455	0.76	4.80	10.625	8.075	0.76	5.15	10.125	7.695	0.76	5.58
22	18	12.000	7.680	0.64	4.93	11.625	7.440	0.64	5.30	10.875	6.960	0.64	5.70
22	20	13.000	6.760	0.52	5.05	12.500	6.500	0.52	5.40	11.750	6.110	0.52	5.80
24	16	11.125	9.345	0.84	4.80	10.625	8.925	0.84	5.15	10.125	8.505	0.84	5.58
24	18	12.000	8.640	0.72	4.93	11.625	8.370	0.72	5.30	10.875	7.830	0.72	5.70
24	20	13.000	7.800	0.60	5.05	12.500	7.500	0.60	5.40	11.750	7.050	0.60	5.80
24	22	14.000	6.720	0.48	5.15	13.500	6.480	0.48	5.55	12.750	6.120	0.48	5.90
26	16	11.125	10.235	0.92	4.80	10.625	9.775	0.92	5.15	10.125	9.315	0.92	5.58
26	18	12.000	9.600	0.80	4.93	11.625	9.300	0.80	5.30	10.875	8.700	0.80	5.70
26	20	13.000	8.840	0.68	5.05	12.500	8.500	0.68	5.40	11.750	7.990	0.68	5.80
26	22	14.000	7.840	0.56	5.15	13.500	7.560	0.56	5.55	12.750	7.140	0.56	5.90
27	16	11.125	10.680	0.96	4.80	10.625	10.200	0.96	5.15	10.125	9.720	0.96	5.58
27	18	12.000	10.080	0.84	4.93	11.625	9.765	0.84	5.30	10.875	9.135	0.84	5.70
27	20	13.000	9.360	0.72	5.05	12.500	9.000	0.72	5.40	11.750	8.460	0.72	5.80
27	22	14.000	8.400	0.60	5.15	13.500	8.100	0.60	5.55	12.750	7.650	0.60	5.90
28	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
28	18	12.000	10.560	0.88	4.93	11.625	10.230	0.88	5.30	10.875	9.570	0.88	5.70
28	20	13.000	9.880	0.76	5.05	12.500	9.500	0.76	5.40	11.750	8.930	0.76	5.80
28	22	14.000	8.960	0.64	5.15	13.500	8.640	0.64	5.55	12.750	8.160	0.64	5.90
30	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
30	18	12.000	11.520	0.96	4.93	11.625	11.160	0.96	5.30	10.875	10.440	0.96	5.70
30	20	13.000	10.920	0.84	5.05	12.500	10.500	0.84	5.40	11.750	9.870	0.84	5.80
30	22	14.000	10.080	0.72	5.15	13.500	9.720	0.72	5.55	12.750	9.180	0.72	5.90
32	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
32	18	12.000	12.000	1.00	4.93	11.625	11.625	1.00	5.30	10.875	10.875	1.00	5.70
32	20	13.000	11.960	0.92	5.05	12.500	11.500	0.92	5.40	11.750	10.810	0.92	5.80
32	22	14.000	11.200	0.80	5.15	13.500	10.800	0.80	5.55	12.750	10.200	0.80	5.90
34	16	11.125	11.125	1.00	4.80	10.625	10.625	1.00	5.15	10.125	10.125	1.00	5.58
34	18	12.000	12.000	1.00	4.93	11.625	11.625	1.00	5.30	10.875	10.875	1.00	5.70
34	20	13.000	13.000	1.00	5.05	12.500	12.500	1.00	5.40	11.750	11.750	1.00	5.80
34	22	14.000	12.320	0.88	5.15	13.500	11.880	0.88	5.55	12.750	11.220	0.88	5.90

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM35EA2 / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.922	0.82	0.626	3.456	2.834	0.82	0.661	3.348	2.745	0.82	0.700
20	18	3.816	2.671	0.70	0.637	3.708	2.596	0.70	0.673	3.582	2.507	0.70	0.719
20	20	4.104	2.380	0.58	0.657	4.014	2.328	0.58	0.688	3.906	2.265	0.58	0.735
22	16	3.564	3.208	0.90	0.626	3.456	3.110	0.90	0.661	3.348	3.013	0.90	0.700
22	18	3.816	2.976	0.78	0.637	3.708	2.892	0.78	0.673	3.582	2.794	0.78	0.719
22	20	4.104	2.709	0.66	0.657	4.014	2.649	0.66	0.688	3.906	2.578	0.66	0.735
24	16	3.564	3.493	0.98	0.626	3.456	3.387	0.98	0.661	3.348	3.281	0.98	0.700
24	18	3.816	3.282	0.86	0.637	3.708	3.189	0.86	0.673	3.582	3.081	0.86	0.719
24	20	4.104	3.037	0.74	0.657	4.014	2.970	0.74	0.688	3.906	2.890	0.74	0.735
24	22	4.374	2.712	0.62	0.673	4.284	2.656	0.62	0.712	4.176	2.589	0.62	0.759
26	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
26	18	3.816	3.587	0.94	0.637	3.708	3.486	0.94	0.673	3.582	3.367	0.94	0.719
26	20	4.104	3.365	0.82	0.657	4.014	3.291	0.82	0.688	3.906	3.203	0.82	0.735
26	22	4.374	3.062	0.70	0.673	4.284	2.999	0.70	0.712	4.176	2.923	0.70	0.759
27	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
27	18	3.816	3.740	0.98	0.637	3.708	3.634	0.98	0.673	3.582	3.510	0.98	0.719
27	20	4.104	3.529	0.86	0.657	4.014	3.452	0.86	0.688	3.906	3.359	0.86	0.735
27	22	4.374	3.237	0.74	0.673	4.284	3.170	0.74	0.712	4.176	3.090	0.74	0.759
28	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
28	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
28	20	4.104	3.694	0.90	0.657	4.014	3.613	0.90	0.688	3.906	3.515	0.90	0.735
28	22	4.374	3.412	0.78	0.673	4.284	3.342	0.78	0.712	4.176	3.257	0.78	0.759
30	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
30	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
30	20	4.104	4.022	0.98	0.657	4.014	3.934	0.98	0.688	3.906	3.828	0.98	0.735
30	22	4.374	3.762	0.86	0.673	4.284	3.684	0.86	0.712	4.176	3.591	0.86	0.759
32	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
32	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
32	20	4.104	4.104	1.00	0.657	4.014	4.014	1.00	0.688	3.906	3.906	1.00	0.735
32	22	4.374	4.112	0.94	0.673	4.284	4.027	0.94	0.712	4.176	3.925	0.94	0.759
34	16	3.564	3.564	1.00	0.626	3.456	3.456	1.00	0.661	3.348	3.348	1.00	0.700
34	18	3.816	3.816	1.00	0.637	3.708	3.708	1.00	0.673	3.582	3.582	1.00	0.719
34	20	4.104	4.104	1.00	0.657	4.014	4.014	1.00	0.688	3.906	3.906	1.00	0.735
34	22	4.374	4.374	1.00	0.673	4.284	4.284	1.00	0.712	4.176	4.176	1.00	0.759

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.627	0.82	0.751	3.060	2.509	0.82	0.805	2.916	2.391	0.82	0.872
20	18	3.456	2.419	0.70	0.770	3.348	2.344	0.70	0.829	3.132	2.192	0.70	0.891
20	20	3.744	2.172	0.58	0.790	3.600	2.088	0.58	0.845	3.384	1.963	0.58	0.907
22	16	3.204	2.884	0.90	0.751	3.060	2.754	0.90	0.805	2.916	2.624	0.90	0.872
22	18	3.456	2.696	0.78	0.770	3.348	2.611	0.78	0.829	3.132	2.443	0.78	0.891
22	20	3.744	2.471	0.66	0.790	3.600	2.376	0.66	0.845	3.384	2.233	0.66	0.907
24	16	3.204	3.140	0.98	0.751	3.060	2.999	0.98	0.805	2.916	2.858	0.98	0.872
24	18	3.456	2.972	0.86	0.770	3.348	2.879	0.86	0.829	3.132	2.694	0.86	0.891
24	20	3.744	2.771	0.74	0.790	3.600	2.664	0.74	0.845	3.384	2.504	0.74	0.907
24	22	4.032	2.500	0.62	0.805	3.888	2.411	0.62	0.868	3.672	2.277	0.62	0.923
26	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
26	18	3.456	3.249	0.94	0.770	3.348	3.147	0.94	0.829	3.132	2.944	0.94	0.891
26	20	3.744	3.070	0.82	0.790	3.600	2.952	0.82	0.845	3.384	2.775	0.82	0.907
26	22	4.032	2.822	0.70	0.805	3.888	2.722	0.70	0.868	3.672	2.570	0.70	0.923
27	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
27	18	3.456	3.387	0.98	0.770	3.348	3.281	0.98	0.829	3.132	3.069	0.98	0.891
27	20	3.744	3.220	0.86	0.790	3.600	3.096	0.86	0.845	3.384	2.910	0.86	0.907
27	22	4.032	2.984	0.74	0.805	3.888	2.877	0.74	0.868	3.672	2.717	0.74	0.923
28	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
28	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
28	20	3.744	3.370	0.90	0.790	3.600	3.240	0.90	0.845	3.384	3.046	0.90	0.907
28	22	4.032	3.145	0.78	0.805	3.888	3.033	0.78	0.868	3.672	2.864	0.78	0.923
30	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
30	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
30	20	3.744	3.669	0.98	0.790	3.600	3.528	0.98	0.845	3.384	3.316	0.98	0.907
30	22	4.032	3.468	0.86	0.805	3.888	3.344	0.86	0.868	3.672	3.158	0.86	0.923
32	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
32	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
32	20	3.744	3.744	1.00	0.790	3.600	3.600	1.00	0.845	3.384	3.384	1.00	0.907
32	22	4.032	3.790	0.94	0.805	3.888	3.655	0.94	0.868	3.672	3.452	0.94	0.923
34	16	3.204	3.204	1.00	0.751	3.060	3.060	1.00	0.805	2.916	2.916	1.00	0.872
34	18	3.456	3.456	1.00	0.770	3.348	3.348	1.00	0.829	3.132	3.132	1.00	0.891
34	20	3.744	3.744	1.00	0.790	3.600	3.600	1.00	0.845	3.384	3.384	1.00	0.907
34	22	4.032	4.032	1.00	0.805	3.888	3.888	1.00	0.868	3.672	3.672	1.00	0.923

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-ZM50EA2 / PUHZ-ZRP50VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.614	0.73	1.064	4.800	3.504	0.73	1.124	4.650	3.395	0.73	1.190
20	18	5.300	3.233	0.61	1.084	5.150	3.142	0.61	1.144	4.975	3.035	0.61	1.224
20	20	5.700	2.793	0.49	1.117	5.575	2.732	0.49	1.170	5.425	2.658	0.49	1.250
22	16	4.950	4.010	0.81	1.064	4.800	3.888	0.81	1.124	4.650	3.767	0.81	1.190
22	18	5.300	3.657	0.69	1.084	5.150	3.554	0.69	1.144	4.975	3.433	0.69	1.224
22	20	5.700	3.249	0.57	1.117	5.575	3.178	0.57	1.170	5.425	3.092	0.57	1.250
24	16	4.950	4.406	0.89	1.064	4.800	4.272	0.89	1.124	4.650	4.139	0.89	1.190
24	18	5.300	4.081	0.77	1.084	5.150	3.966	0.77	1.144	4.975	3.831	0.77	1.224
24	20	5.700	3.705	0.65	1.117	5.575	3.624	0.65	1.170	5.425	3.526	0.65	1.250
24	22	6.075	3.220	0.53	1.144	5.950	3.154	0.53	1.210	5.800	3.074	0.53	1.290
26	16	4.950	4.802	0.97	1.064	4.800	4.656	0.97	1.124	4.650	4.511	0.97	1.190
26	18	5.300	4.505	0.85	1.084	5.150	4.378	0.85	1.144	4.975	4.229	0.85	1.224
26	20	5.700	4.161	0.73	1.117	5.575	4.070	0.73	1.170	5.425	3.960	0.73	1.250
26	22	6.075	3.706	0.61	1.144	5.950	3.630	0.61	1.210	5.800	3.538	0.61	1.290
27	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
27	18	5.300	4.717	0.89	1.084	5.150	4.584	0.89	1.144	4.975	4.428	0.89	1.224
27	20	5.700	4.389	0.77	1.117	5.575	4.293	0.77	1.170	5.425	4.177	0.77	1.250
27	22	6.075	3.949	0.65	1.144	5.950	3.868	0.65	1.210	5.800	3.770	0.65	1.290
28	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
28	18	5.300	4.929	0.93	1.084	5.150	4.790	0.93	1.144	4.975	4.627	0.93	1.224
28	20	5.700	4.617	0.81	1.117	5.575	4.516	0.81	1.170	5.425	4.394	0.81	1.250
28	22	6.075	4.192	0.69	1.144	5.950	4.106	0.69	1.210	5.800	4.002	0.69	1.290
30	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
30	18	5.300	5.300	1.00	1.084	5.150	5.150	1.00	1.144	4.975	4.975	1.00	1.224
30	20	5.700	5.073	0.89	1.117	5.575	4.962	0.89	1.170	5.425	4.828	0.89	1.250
30	22	6.075	4.678	0.77	1.144	5.950	4.582	0.77	1.210	5.800	4.466	0.77	1.290
32	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
32	18	5.300	5.300	1.00	1.084	5.150	5.150	1.00	1.144	4.975	4.975	1.00	1.224
32	20	5.700	5.529	0.97	1.117	5.575	5.408	0.97	1.170	5.425	5.262	0.97	1.250
32	22	6.075	5.164	0.85	1.144	5.950	5.058	0.85	1.210	5.800	4.930	0.85	1.290
34	16	4.950	4.950	1.00	1.064	4.800	4.800	1.00	1.124	4.650	4.650	1.00	1.190
34	18	5.300	5.300	1.00	1.084	5.150	5.150	1.00	1.144	4.975	4.975	1.00	1.224
34	20	5.700	5.700	1.00	1.117	5.575	5.575	1.00	1.170	5.425	5.425	1.00	1.250
34	22	6.075	5.650	0.93	1.144	5.950	5.534	0.93	1.210	5.800	5.394	0.93	1.290

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.249	0.73	1.277	4.250	3.103	0.73	1.370	4.050	2.957	0.73	1.483
20	18	4.800	2.928	0.61	1.310	4.650	2.837	0.61	1.410	4.350	2.654	0.61	1.516
20	20	5.200	2.548	0.49	1.343	5.000	2.450	0.49	1.436	4.700	2.303	0.49	1.543
22	16	4.450	3.605	0.81	1.277	4.250	3.443	0.81	1.370	4.050	3.281	0.81	1.483
22	18	4.800	3.312	0.69	1.310	4.650	3.209	0.69	1.410	4.350	3.002	0.69	1.516
22	20	5.200	2.964	0.57	1.343	5.000	2.850	0.57	1.436	4.700	2.679	0.57	1.543
24	16	4.450	3.961	0.89	1.277	4.250	3.783	0.89	1.370	4.050	3.605	0.89	1.483
24	18	4.800	3.696	0.77	1.310	4.650	3.581	0.77	1.410	4.350	3.350	0.77	1.516
24	20	5.200	3.380	0.65	1.343	5.000	3.250	0.65	1.436	4.700	3.055	0.65	1.543
24	22	5.600	2.968	0.53	1.370	5.400	2.862	0.53	1.476	5.100	2.703	0.53	1.569
26	16	4.450	4.317	0.97	1.277	4.250	4.123	0.97	1.370	4.050	3.929	0.97	1.483
26	18	4.800	4.080	0.85	1.310	4.650	3.953	0.85	1.410	4.350	3.698	0.85	1.516
26	20	5.200	3.796	0.73	1.343	5.000	3.650	0.73	1.436	4.700	3.431	0.73	1.543
26	22	5.600	3.416	0.61	1.370	5.400	3.294	0.61	1.476	5.100	3.111	0.61	1.569
27	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
27	18	4.800	4.272	0.89	1.310	4.650	4.139	0.89	1.410	4.350	3.872	0.89	1.516
27	20	5.200	4.004	0.77	1.343	5.000	3.850	0.77	1.436	4.700	3.619	0.77	1.543
27	22	5.600	3.640	0.65	1.370	5.400	3.510	0.65	1.476	5.100	3.315	0.65	1.569
28	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
28	18	4.800	4.464	0.93	1.310	4.650	4.325	0.93	1.410	4.350	4.046	0.93	1.516
28	20	5.200	4.212	0.81	1.343	5.000	4.050	0.81	1.436	4.700	3.807	0.81	1.543
28	22	5.600	3.864	0.69	1.370	5.400	3.726	0.69	1.476	5.100	3.519	0.69	1.569
30	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
30	18	4.800	4.800	1.00	1.310	4.650	4.650	1.00	1.410	4.350	4.350	1.00	1.516
30	20	5.200	4.628	0.89	1.343	5.000	4.450	0.89	1.436	4.700	4.183	0.89	1.543
30	22	5.600	4.312	0.77	1.370	5.400	4.158	0.77	1.476	5.100	3.927	0.77	1.569
32	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
32	18	4.800	4.800	1.00	1.310	4.650	4.650	1.00	1.410	4.350	4.350	1.00	1.516
32	20	5.200	5.044	0.97	1.343	5.000	4.850	0.97	1.436	4.700	4.559	0.97	1.543
32	22	5.600	4.760	0.85	1.370	5.400	4.590	0.85	1.476	5.100	4.335	0.85	1.569
34	16	4.450	4.450	1.00	1.277	4.250	4.250	1.00	1.370	4.050	4.050	1.00	1.483
34	18	4.800	4.800	1.00	1.310	4.650	4.650	1.00	1.410	4.350	4.350	1.00	1.516
34	20	5.200	5.200	1.00	1.343	5.000	5.000	1.00	1.436	4.700	4.700	1.00	1.543
34	22	5.600	5.208	0.93	1.370	5.400	5.022	0.93	1.476	5.100	4.743	0.93	1.569

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM60EA2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	3.744	0.62	1.328	5.856	3.631	0.62	1.403	5.673	3.517	0.62	1.486
20	18	6.466	3.233	0.50	1.353	6.283	3.142	0.50	1.428	6.070	3.035	0.50	1.527
20	20	6.954	2.643	0.38	1.394	6.802	2.585	0.38	1.461	6.619	2.515	0.38	1.560
22	16	6.039	4.227	0.70	1.328	5.856	4.099	0.70	1.403	5.673	3.971	0.70	1.486
22	18	6.466	3.750	0.58	1.353	6.283	3.644	0.58	1.428	6.070	3.521	0.58	1.527
22	20	6.954	3.199	0.46	1.394	6.802	3.129	0.46	1.461	6.619	3.045	0.46	1.560
24	16	6.039	4.710	0.78	1.328	5.856	4.568	0.78	1.403	5.673	4.425	0.78	1.486
24	18	6.466	4.268	0.66	1.353	6.283	4.147	0.66	1.428	6.070	4.006	0.66	1.527
24	20	6.954	3.755	0.54	1.394	6.802	3.673	0.54	1.461	6.619	3.574	0.54	1.560
24	22	7.412	3.113	0.42	1.428	7.259	3.049	0.42	1.511	7.076	2.972	0.42	1.610
26	16	6.039	5.194	0.86	1.328	5.856	5.036	0.86	1.403	5.673	4.879	0.86	1.486
26	18	6.466	4.785	0.74	1.353	6.283	4.649	0.74	1.428	6.070	4.492	0.74	1.527
26	20	6.954	4.311	0.62	1.394	6.802	4.217	0.62	1.461	6.619	4.104	0.62	1.560
26	22	7.412	3.706	0.50	1.428	7.259	3.630	0.50	1.511	7.076	3.538	0.50	1.610
27	16	6.039	5.435	0.90	1.328	5.856	5.270	0.90	1.403	5.673	5.106	0.90	1.486
27	18	6.466	5.043	0.78	1.353	6.283	4.901	0.78	1.428	6.070	4.735	0.78	1.527
27	20	6.954	4.590	0.66	1.394	6.802	4.489	0.66	1.461	6.619	4.369	0.66	1.560
27	22	7.412	4.002	0.54	1.428	7.259	3.920	0.54	1.511	7.076	3.821	0.54	1.610
28	16	6.039	5.677	0.94	1.328	5.856	5.505	0.94	1.403	5.673	5.333	0.94	1.486
28	18	6.466	5.302	0.82	1.353	6.283	5.152	0.82	1.428	6.070	4.977	0.82	1.527
28	20	6.954	4.868	0.70	1.394	6.802	4.761	0.70	1.461	6.619	4.633	0.70	1.560
28	22	7.412	4.299	0.58	1.428	7.259	4.210	0.58	1.511	7.076	4.104	0.58	1.610
30	16	6.039	6.039	1.00	1.328	5.856	5.856	1.00	1.403	5.673	5.673	1.00	1.486
30	18	6.466	5.819	0.90	1.353	6.283	5.655	0.90	1.428	6.070	5.463	0.90	1.527
30	20	6.954	5.424	0.78	1.394	6.802	5.306	0.78	1.461	6.619	5.163	0.78	1.560
30	22	7.412	4.892	0.66	1.428	7.259	4.791	0.66	1.511	7.076	4.670	0.66	1.610
32	16	6.039	6.039	1.00	1.328	5.856	5.856	1.00	1.403	5.673	5.673	1.00	1.486
32	18	6.466	6.337	0.98	1.353	6.283	6.157	0.98	1.428	6.070	5.949	0.98	1.527
32	20	6.954	5.980	0.86	1.394	6.802	5.850	0.86	1.461	6.619	5.692	0.86	1.560
32	22	7.412	5.485	0.74	1.428	7.259	5.372	0.74	1.511	7.076	5.236	0.74	1.610
34	16	6.039	6.039	1.00	1.328	5.856	5.856	1.00	1.403	5.673	5.673	1.00	1.486
34	18	6.466	6.466	1.00	1.353	6.283	6.283	1.00	1.428	6.070	6.070	1.00	1.527
34	20	6.954	6.537	0.94	1.394	6.802	6.394	0.94	1.461	6.619	6.222	0.94	1.560
34	22	7.412	6.078	0.82	1.428	7.259	5.952	0.82	1.511	7.076	5.802	0.82	1.610

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.366	0.62	1.594	5.185	3.215	0.62	1.710	4.941	3.063	0.62	1.851
20	18	5.856	2.928	0.50	1.635	5.673	2.837	0.50	1.760	5.307	2.654	0.50	1.892
20	20	6.344	2.411	0.38	1.677	6.100	2.318	0.38	1.793	5.734	2.179	0.38	1.926
22	16	5.429	3.800	0.70	1.594	5.185	3.630	0.70	1.710	4.941	3.459	0.70	1.851
22	18	5.856	3.396	0.58	1.635	5.673	3.290	0.58	1.760	5.307	3.078	0.58	1.892
22	20	6.344	2.918	0.46	1.677	6.100	2.806	0.46	1.793	5.734	2.638	0.46	1.926
24	16	5.429	4.235	0.78	1.594	5.185	4.044	0.78	1.710	4.941	3.854	0.78	1.851
24	18	5.856	3.865	0.66	1.635	5.673	3.744	0.66	1.760	5.307	3.503	0.66	1.892
24	20	6.344	3.426	0.54	1.677	6.100	3.294	0.54	1.793	5.734	3.096	0.54	1.926
24	22	6.832	2.869	0.42	1.710	6.588	2.767	0.42	1.843	6.222	2.613	0.42	1.959
26	16	5.429	4.669	0.86	1.594	5.185	4.459	0.86	1.710	4.941	4.249	0.86	1.851
26	18	5.856	4.333	0.74	1.635	5.673	4.198	0.74	1.760	5.307	3.927	0.74	1.892
26	20	6.344	3.933	0.62	1.677	6.100	3.782	0.62	1.793	5.734	3.555	0.62	1.926
26	22	6.832	3.416	0.50	1.710	6.588	3.294	0.50	1.843	6.222	3.111	0.50	1.959
27	16	5.429	4.886	0.90	1.594	5.185	4.667	0.90	1.710	4.941	4.447	0.90	1.851
27	18	5.856	4.568	0.78	1.635	5.673	4.425	0.78	1.760	5.307	4.139	0.78	1.892
27	20	6.344	4.187	0.66	1.677	6.100	4.026	0.66	1.793	5.734	3.784	0.66	1.926
27	22	6.832	3.689	0.54	1.710	6.588	3.558	0.54	1.843	6.222	3.360	0.54	1.959
28	16	5.429	5.103	0.94	1.594	5.185	4.874	0.94	1.710	4.941	4.645	0.94	1.851
28	18	5.856	4.802	0.82	1.635	5.673	4.652	0.82	1.760	5.307	4.352	0.82	1.892
28	20	6.344	4.441	0.70	1.677	6.100	4.270	0.70	1.793	5.734	4.014	0.70	1.926
28	22	6.832	3.963	0.58	1.710	6.588	3.821	0.58	1.843	6.222	3.609	0.58	1.959
30	16	5.429	5.429	1.00	1.594	5.185	5.185	1.00	1.710	4.941	4.941	1.00	1.851
30	18	5.856	5.270	0.90	1.635	5.673	5.106	0.90	1.760	5.307	4.776	0.90	1.892
30	20	6.344	4.948	0.78	1.677	6.100	4.758	0.78	1.793	5.734	4.473	0.78	1.926
30	22	6.832	4.509	0.66	1.710	6.588	4.348	0.66	1.843	6.222	4.107	0.66	1.959
32	16	5.429	5.429	1.00	1.594	5.185	5.185	1.00	1.710	4.941	4.941	1.00	1.851
32	18	5.856	5.739	0.98	1.635	5.673	5.560	0.98	1.760	5.307	5.201	0.98	1.892
32	20	6.344	5.456	0.86	1.677	6.100	5.246	0.86	1.793	5.734	4.931	0.86	1.926
32	22	6.832	5.056	0.74	1.710	6.588	4.875	0.74	1.843	6.222	4.604	0.74	1.959
34	16	5.429	5.429	1.00	1.594	5.185	5.185	1.00	1.710	4.941	4.941	1.00	1.851
34	18	5.856	5.856	1.00	1.635	5.673	5.673	1.00	1.760	5.307	5.307	1.00	1.892
34	20	6.344	5.963	0.94	1.677	6.100	5.734	0.94	1.793	5.734	5.390	0.94	1.926
34	22	6.832	5.602	0.82	1.710	6.588	5.402	0.82	1.843	6.222	5.102	0.82	1.959

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-ZM71EA2 / PUHZ-ZRP71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.991	0.71	1.432	6.816	4.839	0.71	1.513	6.603	4.688	0.71	1.602
20	18	7.526	4.440	0.59	1.459	7.313	4.315	0.59	1.539	7.065	4.168	0.59	1.647
20	20	8.094	3.804	0.47	1.504	7.917	3.721	0.47	1.575	7.704	3.621	0.47	1.683
22	16	7.029	5.553	0.79	1.432	6.816	5.385	0.79	1.513	6.603	5.216	0.79	1.602
22	18	7.526	5.042	0.67	1.459	7.313	4.900	0.67	1.539	7.065	4.734	0.67	1.647
22	20	8.094	4.452	0.55	1.504	7.917	4.354	0.55	1.575	7.704	4.237	0.55	1.683
24	16	7.029	6.115	0.87	1.432	6.816	5.930	0.87	1.513	6.603	5.745	0.87	1.602
24	18	7.526	5.645	0.75	1.459	7.313	5.485	0.75	1.539	7.065	5.299	0.75	1.647
24	20	8.094	5.099	0.63	1.504	7.917	4.988	0.63	1.575	7.704	4.854	0.63	1.683
24	22	8.627	4.400	0.51	1.539	8.449	4.309	0.51	1.629	8.236	4.200	0.51	1.736
26	16	7.029	6.678	0.95	1.432	6.816	6.475	0.95	1.513	6.603	6.273	0.95	1.602
26	18	7.526	6.247	0.83	1.459	7.313	6.070	0.83	1.539	7.065	5.864	0.83	1.647
26	20	8.094	5.747	0.71	1.504	7.917	5.621	0.71	1.575	7.704	5.470	0.71	1.683
26	22	8.627	5.090	0.59	1.539	8.449	4.985	0.59	1.629	8.236	4.859	0.59	1.736
27	16	7.029	6.959	0.99	1.432	6.816	6.748	0.99	1.513	6.603	6.537	0.99	1.602
27	18	7.526	6.548	0.87	1.459	7.313	6.362	0.87	1.539	7.065	6.147	0.87	1.647
27	20	8.094	6.071	0.75	1.504	7.917	5.938	0.75	1.575	7.704	5.778	0.75	1.683
27	22	8.627	5.435	0.63	1.539	8.449	5.323	0.63	1.629	8.236	5.189	0.63	1.736
28	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
28	18	7.526	6.849	0.91	1.459	7.313	6.655	0.91	1.539	7.065	6.429	0.91	1.647
28	20	8.094	6.394	0.79	1.504	7.917	6.254	0.79	1.575	7.704	6.086	0.79	1.683
28	22	8.627	5.780	0.67	1.539	8.449	5.661	0.67	1.629	8.236	5.518	0.67	1.736
30	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
30	18	7.526	7.451	0.99	1.459	7.313	7.240	0.99	1.539	7.065	6.994	0.99	1.647
30	20	8.094	7.042	0.87	1.504	7.917	6.888	0.87	1.575	7.704	6.702	0.87	1.683
30	22	8.627	6.470	0.75	1.539	8.449	6.337	0.75	1.629	8.236	6.177	0.75	1.736
32	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
32	18	7.526	7.526	1.00	1.459	7.313	7.313	1.00	1.539	7.065	7.065	1.00	1.647
32	20	8.094	7.689	0.95	1.504	7.917	7.521	0.95	1.575	7.704	7.319	0.95	1.683
32	22	8.627	7.160	0.83	1.539	8.449	7.013	0.83	1.629	8.236	6.836	0.83	1.736
34	16	7.029	7.029	1.00	1.432	6.816	6.816	1.00	1.513	6.603	6.603	1.00	1.602
34	18	7.526	7.526	1.00	1.459	7.313	7.313	1.00	1.539	7.065	7.065	1.00	1.647
34	20	8.094	8.094	1.00	1.504	7.917	7.917	1.00	1.575	7.704	7.704	1.00	1.683
34	22	8.627	7.851	0.91	1.539	8.449	7.689	0.91	1.629	8.236	7.495	0.91	1.736

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.486	0.71	1.718	6.035	4.285	0.71	1.844	5.751	4.083	0.71	1.996
20	18	6.816	4.021	0.59	1.763	6.603	3.896	0.59	1.897	6.177	3.644	0.59	2.041
20	20	7.384	3.470	0.47	1.808	7.100	3.337	0.47	1.933	6.674	3.137	0.47	2.076
22	16	6.319	4.992	0.79	1.718	6.035	4.768	0.79	1.844	5.751	4.543	0.79	1.996
22	18	6.816	4.567	0.67	1.763	6.603	4.424	0.67	1.897	6.177	4.139	0.67	2.041
22	20	7.384	4.061	0.55	1.808	7.100	3.905	0.55	1.933	6.674	3.671	0.55	2.076
24	16	6.319	5.498	0.87	1.718	6.035	5.250	0.87	1.844	5.751	5.003	0.87	1.996
24	18	6.816	5.112	0.75	1.763	6.603	4.952	0.75	1.897	6.177	4.633	0.75	2.041
24	20	7.384	4.652	0.63	1.808	7.100	4.473	0.63	1.933	6.674	4.205	0.63	2.076
24	22	7.952	4.056	0.51	1.844	7.668	3.911	0.51	1.987	7.242	3.693	0.51	2.112
26	16	6.319	6.003	0.95	1.718	6.035	5.733	0.95	1.844	5.751	5.463	0.95	1.996
26	18	6.816	5.657	0.83	1.763	6.603	5.480	0.83	1.897	6.177	5.127	0.83	2.041
26	20	7.384	5.243	0.71	1.808	7.100	5.041	0.71	1.933	6.674	4.739	0.71	2.076
26	22	7.952	4.692	0.59	1.844	7.668	4.524	0.59	1.987	7.242	4.273	0.59	2.112
27	16	6.319	6.256	0.99	1.718	6.035	5.975	0.99	1.844	5.751	5.693	0.99	1.996
27	18	6.816	5.930	0.87	1.763	6.603	5.745	0.87	1.897	6.177	5.374	0.87	2.041
27	20	7.384	5.538	0.75	1.808	7.100	5.325	0.75	1.933	6.674	5.006	0.75	2.076
27	22	7.952	5.010	0.63	1.844	7.668	4.831	0.63	1.987	7.242	4.562	0.63	2.112
28	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
28	18	6.816	6.203	0.91	1.763	6.603	6.009	0.91	1.897	6.177	5.621	0.91	2.041
28	20	7.384	5.833	0.79	1.808	7.100	5.609	0.79	1.933	6.674	5.272	0.79	2.076
28	22	7.952	5.328	0.67	1.844	7.668	5.138	0.67	1.987	7.242	4.852	0.67	2.112
30	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
30	18	6.816	6.748	0.99	1.763	6.603	6.537	0.99	1.897	6.177	6.115	0.99	2.041
30	20	7.384	6.424	0.87	1.808	7.100	6.177	0.87	1.933	6.674	5.806	0.87	2.076
30	22	7.952	5.964	0.75	1.844	7.668	5.751	0.75	1.987	7.242	5.432	0.75	2.112
32	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
32	18	6.816	6.816	1.00	1.763	6.603	6.603	1.00	1.897	6.177	6.177	1.00	2.041
32	20	7.384	7.015	0.95	1.808	7.100	6.745	0.95	1.933	6.674	6.340	0.95	2.076
32	22	7.952	6.600	0.83	1.844	7.668	6.364	0.83	1.987	7.242	6.011	0.83	2.112
34	16	6.319	6.319	1.00	1.718	6.035	6.035	1.00	1.844	5.751	5.751	1.00	1.996
34	18	6.816	6.816	1.00	1.763	6.603	6.603	1.00	1.897	6.177	6.177	1.00	2.041
34	20	7.384	7.384	1.00	1.808	7.100	7.100	1.00	1.933	6.674	6.674	1.00	2.076
34	22	7.952	7.236	0.91	1.844	7.668	6.978	0.91	1.987	7.242	6.590	0.91	2.112

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM100EA2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.113	0.65	1.760	9.120	5.928	0.65	1.859	8.835	5.743	0.65	1.969
20	18	10.070	5.337	0.53	1.793	9.785	5.186	0.53	1.892	9.453	5.010	0.53	2.024
20	20	10.830	4.440	0.41	1.848	10.593	4.343	0.41	1.936	10.308	4.226	0.41	2.068
22	16	9.405	6.866	0.73	1.760	9.120	6.658	0.73	1.859	8.835	6.450	0.73	1.969
22	18	10.070	6.143	0.61	1.793	9.785	5.969	0.61	1.892	9.453	5.766	0.61	2.024
22	20	10.830	5.307	0.49	1.848	10.593	5.191	0.49	1.936	10.308	5.051	0.49	2.068
24	16	9.405	7.618	0.81	1.760	9.120	7.387	0.81	1.859	8.835	7.156	0.81	1.969
24	18	10.070	6.948	0.69	1.793	9.785	6.752	0.69	1.892	9.453	6.523	0.69	2.024
24	20	10.830	6.173	0.57	1.848	10.593	6.038	0.57	1.936	10.308	5.876	0.57	2.068
24	22	11.543	5.194	0.45	1.892	11.305	5.087	0.45	2.002	11.020	4.959	0.45	2.134
26	16	9.405	8.370	0.89	1.760	9.120	8.117	0.89	1.859	8.835	7.863	0.89	1.969
26	18	10.070	7.754	0.77	1.793	9.785	7.534	0.77	1.892	9.453	7.279	0.77	2.024
26	20	10.830	7.040	0.65	1.848	10.593	6.885	0.65	1.936	10.308	6.700	0.65	2.068
26	22	11.543	6.118	0.53	1.892	11.305	5.992	0.53	2.002	11.020	5.841	0.53	2.134
27	16	9.405	8.747	0.93	1.760	9.120	8.482	0.93	1.859	8.835	8.217	0.93	1.969
27	18	10.070	8.157	0.81	1.793	9.785	7.926	0.81	1.892	9.453	7.657	0.81	2.024
27	20	10.830	7.473	0.69	1.848	10.593	7.309	0.69	1.936	10.308	7.113	0.69	2.068
27	22	11.543	6.580	0.57	1.892	11.305	6.444	0.57	2.002	11.020	6.281	0.57	2.134
28	16	9.405	9.123	0.97	1.760	9.120	8.846	0.97	1.859	8.835	8.570	0.97	1.969
28	18	10.070	8.560	0.85	1.793	9.785	8.317	0.85	1.892	9.453	8.035	0.85	2.024
28	20	10.830	7.906	0.73	1.848	10.593	7.733	0.73	1.936	10.308	7.525	0.73	2.068
28	22	11.543	7.041	0.61	1.892	11.305	6.896	0.61	2.002	11.020	6.722	0.61	2.134
30	16	9.405	9.405	1.00	1.760	9.120	9.120	1.00	1.859	8.835	8.835	1.00	1.969
30	18	10.070	9.365	0.93	1.793	9.785	9.100	0.93	1.892	9.453	8.791	0.93	2.024
30	20	10.830	8.772	0.81	1.848	10.593	8.580	0.81	1.936	10.308	8.349	0.81	2.068
30	22	11.543	7.965	0.69	1.892	11.305	7.800	0.69	2.002	11.020	7.604	0.69	2.134
32	16	9.405	9.405	1.00	1.760	9.120	9.120	1.00	1.859	8.835	8.835	1.00	1.969
32	18	10.070	10.070	1.00	1.793	9.785	9.785	1.00	1.892	9.453	9.453	1.00	2.024
32	20	10.830	9.639	0.89	1.848	10.593	9.428	0.89	1.936	10.308	9.174	0.89	2.068
32	22	11.543	8.888	0.77	1.892	11.305	8.705	0.77	2.002	11.020	8.485	0.77	2.134
34	16	9.405	9.405	1.00	1.760	9.120	9.120	1.00	1.859	8.835	8.835	1.00	1.969
34	18	10.070	10.070	1.00	1.793	9.785	9.785	1.00	1.892	9.453	9.453	1.00	2.024
34	20	10.830	10.505	0.97	1.848	10.593	10.275	0.97	1.936	10.308	9.999	0.97	2.068
34	22	11.543	9.812	0.85	1.892	11.305	9.609	0.85	2.002	11.020	9.367	0.85	2.134

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.496	0.65	2.112	8.075	5.249	0.65	2.266	7.695	5.002	0.65	2.453
20	18	9.120	4.834	0.53	2.167	8.835	4.683	0.53	2.332	8.265	4.380	0.53	2.508
20	20	9.880	4.051	0.41	2.222	9.500	3.895	0.41	2.376	8.930	3.661	0.41	2.552
22	16	8.455	6.172	0.73	2.112	8.075	5.895	0.73	2.266	7.695	5.617	0.73	2.453
22	18	9.120	5.563	0.61	2.167	8.835	5.389	0.61	2.332	8.265	5.042	0.61	2.508
22	20	9.880	4.841	0.49	2.222	9.500	4.655	0.49	2.376	8.930	4.376	0.49	2.552
24	16	8.455	6.849	0.81	2.112	8.075	6.541	0.81	2.266	7.695	6.233	0.81	2.453
24	18	9.120	6.293	0.69	2.167	8.835	6.096	0.69	2.332	8.265	5.703	0.69	2.508
24	20	9.880	5.632	0.57	2.222	9.500	5.415	0.57	2.376	8.930	5.090	0.57	2.552
24	22	10.640	4.788	0.45	2.266	10.260	4.617	0.45	2.442	9.690	4.361	0.45	2.596
26	16	8.455	7.525	0.89	2.112	8.075	7.187	0.89	2.266	7.695	6.849	0.89	2.453
26	18	9.120	7.022	0.77	2.167	8.835	6.803	0.77	2.332	8.265	6.364	0.77	2.508
26	20	9.880	6.422	0.65	2.222	9.500	6.175	0.65	2.376	8.930	5.805	0.65	2.552
26	22	10.640	5.639	0.53	2.266	10.260	5.438	0.53	2.442	9.690	5.136	0.53	2.596
27	16	8.455	7.863	0.93	2.112	8.075	7.510	0.93	2.266	7.695	7.156	0.93	2.453
27	18	9.120	7.387	0.81	2.167	8.835	7.156	0.81	2.332	8.265	6.695	0.81	2.508
27	20	9.880	6.817	0.69	2.222	9.500	6.555	0.69	2.376	8.930	6.162	0.69	2.552
27	22	10.640	6.065	0.57	2.266	10.260	5.848	0.57	2.442	9.690	5.523	0.57	2.596
28	16	8.455	8.201	0.97	2.112	8.075	7.833	0.97	2.266	7.695	7.464	0.97	2.453
28	18	9.120	7.752	0.85	2.167	8.835	7.510	0.85	2.332	8.265	7.025	0.85	2.508
28	20	9.880	7.212	0.73	2.222	9.500	6.935	0.73	2.376	8.930	6.519	0.73	2.552
28	22	10.640	6.490	0.61	2.266	10.260	6.259	0.61	2.442	9.690	5.911	0.61	2.596
30	16	8.455	8.455	1.00	2.112	8.075	8.075	1.00	2.266	7.695	7.695	1.00	2.453
30	18	9.120	8.482	0.93	2.167	8.835	8.217	0.93	2.332	8.265	7.686	0.93	2.508
30	20	9.880	8.003	0.81	2.222	9.500	7.695	0.81	2.376	8.930	7.233	0.81	2.552
30	22	10.640	7.342	0.69	2.266	10.260	7.079	0.69	2.442	9.690	6.686	0.69	2.596
32	16	8.455	8.455	1.00	2.112	8.075	8.075	1.00	2.266	7.695	7.695	1.00	2.453
32	18	9.120	9.120	1.00	2.167	8.835	8.835	1.00	2.332	8.265	8.265	1.00	2.508
32	20	9.880	8.793	0.89	2.222	9.500	8.455	0.89	2.376	8.930	7.948	0.89	2.552
32	22	10.640	8.193	0.77	2.266	10.260	7.900	0.77	2.442	9.690	7.461	0.77	2.596
34	16	8.455	8.455	1.00	2.112	8.075	8.075	1.00	2.266	7.695	7.695	1.00	2.453
34	18	9.120	9.120	1.00	2.167	8.835	8.835	1.00	2.332	8.265	8.265	1.00	2.508
34	20	9.880	9.584	0.97	2.222	9.500	9.215	0.97	2.376	8.930	8.662	0.97	2.552
34	22	10.640	9.044	0.85	2.266	10.260	8.721	0.85	2.442	9.690	8.237	0.85	2.596

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM125EA2 / PUHZ-ZRP125VKA3 PUHZ-ZRP125YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.375	7.054	0.57	3.077	12.000	6.840	0.57	3.250	11.625	6.626	0.57	3.442
20	18	13.250	5.963	0.45	3.134	12.875	5.794	0.45	3.308	12.438	5.597	0.45	3.538
20	20	14.250	4.703	0.33	3.231	13.938	4.600	0.33	3.384	13.563	4.476	0.33	3.615
22	16	12.375	8.044	0.65	3.077	12.000	7.800	0.65	3.250	11.625	7.556	0.65	3.442
22	18	13.250	7.023	0.53	3.134	12.875	6.824	0.53	3.308	12.438	6.592	0.53	3.538
22	20	14.250	5.843	0.41	3.231	13.938	5.715	0.41	3.384	13.563	5.561	0.41	3.615
24	16	12.375	9.034	0.73	3.077	12.000	8.760	0.73	3.250	11.625	8.486	0.73	3.442
24	18	13.250	8.083	0.61	3.134	12.875	7.854	0.61	3.308	12.438	7.587	0.61	3.538
24	20	14.250	6.983	0.49	3.231	13.938	6.830	0.49	3.384	13.563	6.646	0.49	3.615
24	22	15.188	5.620	0.37	3.308	14.875	5.504	0.37	3.500	14.500	5.365	0.37	3.731
26	16	12.375	10.024	0.81	3.077	12.000	9.720	0.81	3.250	11.625	9.416	0.81	3.442
26	18	13.250	9.143	0.69	3.134	12.875	8.884	0.69	3.308	12.438	8.582	0.69	3.538
26	20	14.250	8.123	0.57	3.231	13.938	7.945	0.57	3.384	13.563	7.731	0.57	3.615
26	22	15.188	6.835	0.45	3.308	14.875	6.694	0.45	3.500	14.500	6.525	0.45	3.731
27	16	12.375	10.519	0.85	3.077	12.000	10.200	0.85	3.250	11.625	9.881	0.85	3.442
27	18	13.250	9.673	0.73	3.134	12.875	9.399	0.73	3.308	12.438	9.080	0.73	3.538
27	20	14.250	8.693	0.61	3.231	13.938	8.502	0.61	3.384	13.563	8.273	0.61	3.615
27	22	15.188	7.442	0.49	3.308	14.875	7.289	0.49	3.500	14.500	7.105	0.49	3.731
28	16	12.375	11.014	0.89	3.077	12.000	10.680	0.89	3.250	11.625	10.346	0.89	3.442
28	18	13.250	10.203	0.77	3.134	12.875	9.914	0.77	3.308	12.438	9.577	0.77	3.538
28	20	14.250	9.263	0.65	3.231	13.938	9.060	0.65	3.384	13.563	8.816	0.65	3.615
28	22	15.188	8.050	0.53	3.308	14.875	7.884	0.53	3.500	14.500	7.685	0.53	3.731
30	16	12.375	12.004	0.97	3.077	12.000	11.640	0.97	3.250	11.625	11.276	0.97	3.442
30	18	13.250	11.263	0.85	3.134	12.875	10.944	0.85	3.308	12.438	10.572	0.85	3.538
30	20	14.250	10.403	0.73	3.231	13.938	10.175	0.73	3.384	13.563	9.901	0.73	3.615
30	22	15.188	9.265	0.61	3.308	14.875	9.074	0.61	3.500	14.500	8.845	0.61	3.731
32	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
32	18	13.250	12.323	0.93	3.134	12.875	11.974	0.93	3.308	12.438	11.567	0.93	3.538
32	20	14.250	11.543	0.81	3.231	13.938	11.290	0.81	3.384	13.563	10.986	0.81	3.615
32	22	15.188	10.480	0.69	3.308	14.875	10.264	0.69	3.500	14.500	10.005	0.69	3.731
34	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
34	18	13.250	13.250	1.00	3.134	12.875	12.875	1.00	3.308	12.438	12.438	1.00	3.538
34	20	14.250	12.683	0.89	3.231	13.938	12.405	0.89	3.384	13.563	12.071	0.89	3.615
34	22	15.188	11.695	0.77	3.308	14.875	11.454	0.77	3.500	14.500	11.165	0.77	3.731

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.125	6.341	0.57	3.692	10.625	6.056	0.57	3.961	10.125	5.771	0.57	4.288
20	18	12.000	5.400	0.45	3.788	11.625	5.231	0.45	4.077	10.875	4.894	0.45	4.384
20	20	13.000	4.290	0.33	3.884	12.500	4.125	0.33	4.154	11.750	3.878	0.33	4.461
22	16	11.125	7.231	0.65	3.692	10.625	6.906	0.65	3.961	10.125	6.581	0.65	4.288
22	18	12.000	6.360	0.53	3.788	11.625	6.161	0.53	4.077	10.875	5.764	0.53	4.384
22	20	13.000	5.330	0.41	3.884	12.500	5.125	0.41	4.154	11.750	4.818	0.41	4.461
24	16	11.125	8.121	0.73	3.692	10.625	7.756	0.73	3.961	10.125	7.391	0.73	4.288
24	18	12.000	7.320	0.61	3.788	11.625	7.091	0.61	4.077	10.875	6.634	0.61	4.384
24	20	13.000	6.370	0.49	3.884	12.500	6.125	0.49	4.154	11.750	5.758	0.49	4.461
24	22	14.000	5.180	0.37	3.961	13.500	4.995	0.37	4.269	12.750	4.718	0.37	4.538
26	16	11.125	9.011	0.81	3.692	10.625	8.606	0.81	3.961	10.125	8.201	0.81	4.288
26	18	12.000	8.280	0.69	3.788	11.625	8.021	0.69	4.077	10.875	7.504	0.69	4.384
26	20	13.000	7.410	0.57	3.884	12.500	7.125	0.57	4.154	11.750	6.698	0.57	4.461
26	22	14.000	6.300	0.45	3.961	13.500	6.075	0.45	4.269	12.750	5.738	0.45	4.538
27	16	11.125	9.456	0.85	3.692	10.625	9.031	0.85	3.961	10.125	8.606	0.85	4.288
27	18	12.000	8.760	0.73	3.788	11.625	8.486	0.73	4.077	10.875	7.939	0.73	4.384
27	20	13.000	7.930	0.61	3.884	12.500	7.625	0.61	4.154	11.750	7.168	0.61	4.461
27	22	14.000	6.860	0.49	3.961	13.500	6.615	0.49	4.269	12.750	6.248	0.49	4.538
28	16	11.125	9.901	0.89	3.692	10.625	9.456	0.89	3.961	10.125	9.011	0.89	4.288
28	18	12.000	9.240	0.77	3.788	11.625	8.951	0.77	4.077	10.875	8.374	0.77	4.384
28	20	13.000	8.450	0.65	3.884	12.500	8.125	0.65	4.154	11.750	7.638	0.65	4.461
28	22	14.000	7.420	0.53	3.961	13.500	7.155	0.53	4.269	12.750	6.758	0.53	4.538
30	16	11.125	10.791	0.97	3.692	10.625	10.306	0.97	3.961	10.125	9.821	0.97	4.288
30	18	12.000	10.200	0.85	3.788	11.625	9.881	0.85	4.077	10.875	9.244	0.85	4.384
30	20	13.000	9.490	0.73	3.884	12.500	9.125	0.73	4.154	11.750	8.578	0.73	4.461
30	22	14.000	8.540	0.61	3.961	13.500	8.235	0.61	4.269	12.750	7.778	0.61	4.538
32	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
32	18	12.000	11.160	0.93	3.788	11.625	10.811	0.93	4.077	10.875	10.114	0.93	4.384
32	20	13.000	10.530	0.81	3.884	12.500	10.125	0.81	4.154	11.750	9.518	0.81	4.461
32	22	14.000	9.660	0.69	3.961	13.500	9.315	0.69	4.269	12.750	8.798	0.69	4.538
34	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
34	18	12.000	12.000	1.00	3.788	11.625	11.625	1.00	4.077	10.875	10.875	1.00	4.384
34	20	13.000	11.570	0.89	3.884	12.500	11.125	0.89	4.154	11.750	10.458	0.89	4.461
34	22	14.000	10.780	0.77	3.961	13.500	10.395	0.77	4.269	12.750	9.818	0.77	4.538

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM140EA2 / PUHZ-ZRP140VKA3 PUHZ-ZRP140YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.266	7.562	0.57	3.491	12.864	7.332	0.57	3.688	12.462	7.103	0.57	3.906
20	18	14.204	6.392	0.45	3.557	13.802	6.211	0.45	3.753	13.333	6.000	0.45	4.015
20	20	15.276	5.041	0.33	3.666	14.941	4.931	0.33	3.840	14.539	4.798	0.33	4.102
22	16	13.266	8.623	0.65	3.491	12.864	8.362	0.65	3.688	12.462	8.100	0.65	3.906
22	18	14.204	7.528	0.53	3.557	13.802	7.315	0.53	3.753	13.333	7.066	0.53	4.015
22	20	15.276	6.263	0.41	3.666	14.941	6.126	0.41	3.840	14.539	5.961	0.41	4.102
24	16	13.266	9.684	0.73	3.491	12.864	9.391	0.73	3.688	12.462	9.097	0.73	3.906
24	18	14.204	8.664	0.61	3.557	13.802	8.419	0.61	3.753	13.333	8.133	0.61	4.015
24	20	15.276	7.485	0.49	3.666	14.941	7.321	0.49	3.840	14.539	7.124	0.49	4.102
24	22	16.281	6.024	0.37	3.753	15.946	5.900	0.37	3.971	15.544	5.751	0.37	4.233
26	16	13.266	10.745	0.81	3.491	12.864	10.420	0.81	3.688	12.462	10.094	0.81	3.906
26	18	14.204	9.801	0.69	3.557	13.802	9.523	0.69	3.753	13.333	9.200	0.69	4.015
26	20	15.276	8.707	0.57	3.666	14.941	8.516	0.57	3.840	14.539	8.287	0.57	4.102
26	22	16.281	7.326	0.45	3.753	15.946	7.176	0.45	3.971	15.544	6.995	0.45	4.233
27	16	13.266	11.276	0.85	3.491	12.864	10.934	0.85	3.688	12.462	10.593	0.85	3.906
27	18	14.204	10.369	0.73	3.557	13.802	10.075	0.73	3.753	13.333	9.733	0.73	4.015
27	20	15.276	9.318	0.61	3.666	14.941	9.114	0.61	3.840	14.539	8.869	0.61	4.102
27	22	16.281	7.978	0.49	3.753	15.946	7.814	0.49	3.971	15.544	7.617	0.49	4.233
28	16	13.266	11.807	0.89	3.491	12.864	11.449	0.89	3.688	12.462	11.091	0.89	3.906
28	18	14.204	10.937	0.77	3.557	13.802	10.628	0.77	3.753	13.333	10.266	0.77	4.015
28	20	15.276	9.929	0.65	3.666	14.941	9.712	0.65	3.840	14.539	9.450	0.65	4.102
28	22	16.281	8.629	0.53	3.753	15.946	8.451	0.53	3.971	15.544	8.238	0.53	4.233
30	16	13.266	12.868	0.97	3.491	12.864	12.478	0.97	3.688	12.462	12.088	0.97	3.906
30	18	14.204	12.073	0.85	3.557	13.802	11.732	0.85	3.753	13.333	11.333	0.85	4.015
30	20	15.276	11.151	0.73	3.666	14.941	10.907	0.73	3.840	14.539	10.613	0.73	4.102
30	22	16.281	9.931	0.61	3.753	15.946	9.727	0.61	3.971	15.544	9.482	0.61	4.233
32	16	13.266	13.266	1.00	3.491	12.864	12.864	1.00	3.688	12.462	12.462	1.00	3.906
32	18	14.204	13.210	0.93	3.557	13.802	12.836	0.93	3.753	13.333	12.400	0.93	4.015
32	20	15.276	12.374	0.81	3.666	14.941	12.102	0.81	3.840	14.539	11.777	0.81	4.102
32	22	16.281	11.234	0.69	3.753	15.946	11.003	0.69	3.971	15.544	10.725	0.69	4.233
34	16	13.266	13.266	1.00	3.491	12.864	12.864	1.00	3.688	12.462	12.462	1.00	3.906
34	18	14.204	14.204	1.00	3.557	13.802	13.802	1.00	3.753	13.333	13.333	1.00	4.015
34	20	15.276	13.596	0.89	3.666	14.941	13.297	0.89	3.840	14.539	12.940	0.89	4.102
34	22	16.281	12.536	0.77	3.753	15.946	12.278	0.77	3.971	15.544	11.969	0.77	4.233

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.926	6.798	0.57	4.189	11.390	6.492	0.57	4.495	10.854	6.187	0.57	4.866
20	18	12.864	5.789	0.45	4.299	12.462	5.608	0.45	4.626	11.658	5.246	0.45	4.975
20	20	13.936	4.599	0.33	4.408	13.400	4.422	0.33	4.713	12.596	4.157	0.33	5.062
22	16	11.926	7.752	0.65	4.189	11.390	7.404	0.65	4.495	10.854	7.055	0.65	4.866
22	18	12.864	6.818	0.53	4.299	12.462	6.605	0.53	4.626	11.658	6.179	0.53	4.975
22	20	13.936	5.714	0.41	4.408	13.400	5.494	0.41	4.713	12.596	5.164	0.41	5.062
24	16	11.926	8.706	0.73	4.189	11.390	8.315	0.73	4.495	10.854	7.923	0.73	4.866
24	18	12.864	7.847	0.61	4.299	12.462	7.602	0.61	4.626	11.658	7.111	0.61	4.975
24	20	13.936	6.829	0.49	4.408	13.400	6.566	0.49	4.713	12.596	6.172	0.49	5.062
24	22	15.008	5.553	0.37	4.495	14.472	5.355	0.37	4.844	13.668	5.057	0.37	5.150
26	16	11.926	9.660	0.81	4.189	11.390	9.226	0.81	4.495	10.854	8.792	0.81	4.866
26	18	12.864	8.876	0.69	4.299	12.462	8.599	0.69	4.626	11.658	8.044	0.69	4.975
26	20	13.936	7.944	0.57	4.408	13.400	7.638	0.57	4.713	12.596	7.180	0.57	5.062
26	22	15.008	6.754	0.45	4.495	14.472	6.512	0.45	4.844	13.668	6.151	0.45	5.150
27	16	11.926	10.137	0.85	4.189	11.390	9.682	0.85	4.495	10.854	9.226	0.85	4.866
27	18	12.864	9.391	0.73	4.299	12.462	9.097	0.73	4.626	11.658	8.510	0.73	4.975
27	20	13.936	8.501	0.61	4.408	13.400	8.174	0.61	4.713	12.596	7.684	0.61	5.062
27	22	15.008	7.354	0.49	4.495	14.472	7.091	0.49	4.844	13.668	6.697	0.49	5.150
28	16	11.926	10.614	0.89	4.189	11.390	10.137	0.89	4.495	10.854	9.660	0.89	4.866
28	18	12.864	9.905	0.77	4.299	12.462	9.596	0.77	4.626	11.658	8.977	0.77	4.975
28	20	13.936	9.058	0.65	4.408	13.400	8.710	0.65	4.713	12.596	8.187	0.65	5.062
28	22	15.008	7.954	0.53	4.495	14.472	7.670	0.53	4.844	13.668	7.244	0.53	5.150
30	16	11.926	11.568	0.97	4.189	11.390	11.048	0.97	4.495	10.854	10.528	0.97	4.866
30	18	12.864	10.934	0.85	4.299	12.462	10.593	0.85	4.626	11.658	9.909	0.85	4.975
30	20	13.936	10.173	0.73	4.408	13.400	9.782	0.73	4.713	12.596	9.195	0.73	5.062
30	22	15.008	9.155	0.61	4.495	14.472	8.828	0.61	4.844	13.668	8.337	0.61	5.150
32	16	11.926	11.926	1.00	4.189	11.390	11.390	1.00	4.495	10.854	10.854	1.00	4.866
32	18	12.864	11.964	0.93	4.299	12.462	11.590	0.93	4.626	11.658	10.842	0.93	4.975
32	20	13.936	11.288	0.81	4.408	13.400	10.854	0.81	4.713	12.596	10.203	0.81	5.062
32	22	15.008	10.356	0.69	4.495	14.472	9.986	0.69	4.844	13.668	9.431	0.69	5.150
34	16	11.926	11.926	1.00	4.189	11.390	11.390	1.00	4.495	10.854	10.854	1.00	4.866
34	18	12.864	12.864	1.00	4.299	12.462	12.462	1.00	4.626	11.658	11.658	1.00	4.975
34	20	13.936	12.403	0.89	4.408	13.400	11.926	0.89	4.713	12.596	11.210	0.89	5.062
34	22	15.008	11.556	0.77	4.495	14.472	11.143	0.77	4.844	13.668	10.524	0.77	5.150

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M35EA2 / PUHZ-ZRP35VKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.637	0.74	0.666	3.456	2.557	0.74	0.704	3.348	2.478	0.74	0.746
20	18	3.816	2.366	0.62	0.679	3.708	2.299	0.62	0.716	3.582	2.221	0.62	0.766
20	20	4.104	2.052	0.50	0.700	4.014	2.007	0.50	0.733	3.906	1.953	0.50	0.783
22	16	3.564	2.922	0.82	0.666	3.456	2.834	0.82	0.704	3.348	2.745	0.82	0.746
22	18	3.816	2.671	0.70	0.679	3.708	2.596	0.70	0.716	3.582	2.507	0.70	0.766
22	20	4.104	2.380	0.58	0.700	4.014	2.328	0.58	0.733	3.906	2.265	0.58	0.783
24	16	3.564	3.208	0.90	0.666	3.456	3.110	0.90	0.704	3.348	3.013	0.90	0.746
24	18	3.816	2.976	0.78	0.679	3.708	2.892	0.78	0.716	3.582	2.794	0.78	0.766
24	20	4.104	2.709	0.66	0.700	4.014	2.649	0.66	0.733	3.906	2.578	0.66	0.783
24	22	4.374	2.362	0.54	0.716	4.284	2.313	0.54	0.758	4.176	2.255	0.54	0.808
26	16	3.564	3.493	0.98	0.666	3.456	3.387	0.98	0.704	3.348	3.281	0.98	0.746
26	18	3.816	3.282	0.86	0.679	3.708	3.189	0.86	0.716	3.582	3.081	0.86	0.766
26	20	4.104	3.037	0.74	0.700	4.014	2.970	0.74	0.733	3.906	2.890	0.74	0.783
26	22	4.374	2.712	0.62	0.716	4.284	2.656	0.62	0.758	4.176	2.589	0.62	0.808
27	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
27	18	3.816	3.434	0.90	0.679	3.708	3.337	0.90	0.716	3.582	3.224	0.90	0.766
27	20	4.104	3.201	0.78	0.700	4.014	3.131	0.78	0.733	3.906	3.047	0.78	0.783
27	22	4.374	2.887	0.66	0.716	4.284	2.827	0.66	0.758	4.176	2.756	0.66	0.808
28	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
28	18	3.816	3.587	0.94	0.679	3.708	3.486	0.94	0.716	3.582	3.367	0.94	0.766
28	20	4.104	3.365	0.82	0.700	4.014	3.291	0.82	0.733	3.906	3.203	0.82	0.783
28	22	4.374	3.062	0.70	0.716	4.284	2.999	0.70	0.758	4.176	2.923	0.70	0.808
30	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
30	18	3.816	3.816	1.00	0.679	3.708	3.708	1.00	0.716	3.582	3.582	1.00	0.766
30	20	4.104	3.694	0.90	0.700	4.014	3.613	0.90	0.733	3.906	3.515	0.90	0.783
30	22	4.374	3.412	0.78	0.716	4.284	3.342	0.78	0.758	4.176	3.257	0.78	0.808
32	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
32	18	3.816	3.816	1.00	0.679	3.708	3.708	1.00	0.716	3.582	3.582	1.00	0.766
32	20	4.104	4.022	0.98	0.700	4.014	3.934	0.98	0.733	3.906	3.828	0.98	0.783
32	22	4.374	3.762	0.86	0.716	4.284	3.684	0.86	0.758	4.176	3.591	0.86	0.808
34	16	3.564	3.564	1.00	0.666	3.456	3.456	1.00	0.704	3.348	3.348	1.00	0.746
34	18	3.816	3.816	1.00	0.679	3.708	3.708	1.00	0.716	3.582	3.582	1.00	0.766
34	20	4.104	4.104	1.00	0.700	4.014	4.014	1.00	0.733	3.906	3.906	1.00	0.783
34	22	4.374	4.112	0.94	0.716	4.284	4.027	0.94	0.758	4.176	3.925	0.94	0.808

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.371	0.74	0.800	3.060	2.264	0.74	0.858	2.916	2.158	0.74	0.929
20	18	3.456	2.143	0.62	0.821	3.348	2.076	0.62	0.883	3.132	1.942	0.62	0.950
20	20	3.744	1.872	0.50	0.841	3.600	1.800	0.50	0.900	3.384	1.692	0.50	0.966
22	16	3.204	2.627	0.82	0.800	3.060	2.509	0.82	0.858	2.916	2.391	0.82	0.929
22	18	3.456	2.419	0.70	0.821	3.348	2.344	0.70	0.883	3.132	2.192	0.70	0.950
22	20	3.744	2.172	0.58	0.841	3.600	2.088	0.58	0.900	3.384	1.963	0.58	0.966
24	16	3.204	2.884	0.90	0.800	3.060	2.754	0.90	0.858	2.916	2.624	0.90	0.929
24	18	3.456	2.696	0.78	0.821	3.348	2.611	0.78	0.883	3.132	2.443	0.78	0.950
24	20	3.744	2.471	0.66	0.841	3.600	2.376	0.66	0.900	3.384	2.233	0.66	0.966
24	22	4.032	2.177	0.54	0.858	3.888	2.100	0.54	0.925	3.672	1.983	0.54	0.983
26	16	3.204	3.140	0.98	0.800	3.060	2.999	0.98	0.858	2.916	2.858	0.98	0.929
26	18	3.456	2.972	0.86	0.821	3.348	2.879	0.86	0.883	3.132	2.694	0.86	0.950
26	20	3.744	2.771	0.74	0.841	3.600	2.664	0.74	0.900	3.384	2.504	0.74	0.966
26	22	4.032	2.500	0.62	0.858	3.888	2.411	0.62	0.925	3.672	2.277	0.62	0.983
27	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
27	18	3.456	3.110	0.90	0.821	3.348	3.013	0.90	0.883	3.132	2.819	0.90	0.950
27	20	3.744	2.920	0.78	0.841	3.600	2.808	0.78	0.900	3.384	2.640	0.78	0.966
27	22	4.032	2.661	0.66	0.858	3.888	2.566	0.66	0.925	3.672	2.424	0.66	0.983
28	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
28	18	3.456	3.249	0.94	0.821	3.348	3.147	0.94	0.883	3.132	2.944	0.94	0.950
28	20	3.744	3.070	0.82	0.841	3.600	2.952	0.82	0.900	3.384	2.775	0.82	0.966
28	22	4.032	2.822	0.70	0.858	3.888	2.722	0.70	0.925	3.672	2.570	0.70	0.983
30	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
30	18	3.456	3.456	1.00	0.821	3.348	3.348	1.00	0.883	3.132	3.132	1.00	0.950
30	20	3.744	3.370	0.90	0.841	3.600	3.240	0.90	0.900	3.384	3.046	0.90	0.966
30	22	4.032	3.145	0.78	0.858	3.888	3.033	0.78	0.925	3.672	2.864	0.78	0.983
32	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
32	18	3.456	3.456	1.00	0.821	3.348	3.348	1.00	0.883	3.132	3.132	1.00	0.950
32	20	3.744	3.669	0.98	0.841	3.600	3.528	0.98	0.900	3.384	3.316	0.98	0.966
32	22	4.032	3.468	0.86	0.858	3.888	3.344	0.86	0.925	3.672	3.158	0.86	0.983
34	16	3.204	3.204	1.00	0.800	3.060	3.060	1.00	0.858	2.916	2.916	1.00	0.929
34	18	3.456	3.456	1.00	0.821	3.348	3.348	1.00	0.883	3.132	3.132	1.00	0.950
34	20	3.744	3.744	1.00	0.841	3.600	3.600	1.00	0.900	3.384	3.384	1.00	0.966
34	22	4.032	3.790	0.94	0.858	3.888	3.655	0.94	0.925	3.672	3.452	0.94	0.983

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M50EA2 / PUHZ-ZRP50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.950	3.515	0.71	1.133	4.800	3.408	0.71	1.197	4.650	3.302	0.71	1.267
20	18	5.300	3.127	0.59	1.154	5.150	3.039	0.59	1.218	4.975	2.935	0.59	1.303
20	20	5.700	2.679	0.47	1.189	5.575	2.620	0.47	1.246	5.425	2.550	0.47	1.331
22	16	4.950	3.911	0.79	1.133	4.800	3.792	0.79	1.197	4.650	3.674	0.79	1.267
22	18	5.300	3.551	0.67	1.154	5.150	3.451	0.67	1.218	4.975	3.333	0.67	1.303
22	20	5.700	3.135	0.55	1.189	5.575	3.066	0.55	1.246	5.425	2.984	0.55	1.331
24	16	4.950	4.307	0.87	1.133	4.800	4.176	0.87	1.197	4.650	4.046	0.87	1.267
24	18	5.300	3.975	0.75	1.154	5.150	3.863	0.75	1.218	4.975	3.731	0.75	1.303
24	20	5.700	3.591	0.63	1.189	5.575	3.512	0.63	1.246	5.425	3.418	0.63	1.331
24	22	6.075	3.098	0.51	1.218	5.950	3.035	0.51	1.289	5.800	2.958	0.51	1.374
26	16	4.950	4.703	0.95	1.133	4.800	4.560	0.95	1.197	4.650	4.418	0.95	1.267
26	18	5.300	4.399	0.83	1.154	5.150	4.275	0.83	1.218	4.975	4.129	0.83	1.303
26	20	5.700	4.047	0.71	1.189	5.575	3.958	0.71	1.246	5.425	3.852	0.71	1.331
26	22	6.075	3.584	0.59	1.218	5.950	3.511	0.59	1.289	5.800	3.422	0.59	1.374
27	16	4.950	4.901	0.99	1.133	4.800	4.752	0.99	1.197	4.650	4.604	0.99	1.267
27	18	5.300	4.611	0.87	1.154	5.150	4.481	0.87	1.218	4.975	4.328	0.87	1.303
27	20	5.700	4.275	0.75	1.189	5.575	4.181	0.75	1.246	5.425	4.069	0.75	1.331
27	22	6.075	3.827	0.63	1.218	5.950	3.749	0.63	1.289	5.800	3.654	0.63	1.374
28	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
28	18	5.300	4.823	0.91	1.154	5.150	4.687	0.91	1.218	4.975	4.527	0.91	1.303
28	20	5.700	4.503	0.79	1.189	5.575	4.404	0.79	1.246	5.425	4.286	0.79	1.331
28	22	6.075	4.070	0.67	1.218	5.950	3.987	0.67	1.289	5.800	3.886	0.67	1.374
30	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
30	18	5.300	5.247	0.99	1.154	5.150	5.099	0.99	1.218	4.975	4.925	0.99	1.303
30	20	5.700	4.959	0.87	1.189	5.575	4.850	0.87	1.246	5.425	4.720	0.87	1.331
30	22	6.075	4.556	0.75	1.218	5.950	4.463	0.75	1.289	5.800	4.350	0.75	1.374
32	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
32	18	5.300	5.300	1.00	1.154	5.150	5.150	1.00	1.218	4.975	4.975	1.00	1.303
32	20	5.700	5.415	0.95	1.189	5.575	5.296	0.95	1.246	5.425	5.154	0.95	1.331
32	22	6.075	5.042	0.83	1.218	5.950	4.939	0.83	1.289	5.800	4.814	0.83	1.374
34	16	4.950	4.950	1.00	1.133	4.800	4.800	1.00	1.197	4.650	4.650	1.00	1.267
34	18	5.300	5.300	1.00	1.154	5.150	5.150	1.00	1.218	4.975	4.975	1.00	1.303
34	20	5.700	5.700	1.00	1.189	5.575	5.575	1.00	1.246	5.425	5.425	1.00	1.331
34	22	6.075	5.528	0.91	1.218	5.950	5.415	0.91	1.289	5.800	5.278	0.91	1.374

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.450	3.160	0.71	1.359	4.250	3.018	0.71	1.458	4.050	2.876	0.71	1.579
20	18	4.800	2.832	0.59	1.395	4.650	2.744	0.59	1.501	4.350	2.567	0.59	1.614
20	20	5.200	2.444	0.47	1.430	5.000	2.350	0.47	1.529	4.700	2.209	0.47	1.643
22	16	4.450	3.516	0.79	1.359	4.250	3.358	0.79	1.458	4.050	3.200	0.79	1.579
22	18	4.800	3.216	0.67	1.395	4.650	3.116	0.67	1.501	4.350	2.915	0.67	1.614
22	20	5.200	2.860	0.55	1.430	5.000	2.750	0.55	1.529	4.700	2.585	0.55	1.643
24	16	4.450	3.872	0.87	1.359	4.250	3.698	0.87	1.458	4.050	3.524	0.87	1.579
24	18	4.800	3.600	0.75	1.395	4.650	3.488	0.75	1.501	4.350	3.263	0.75	1.614
24	20	5.200	3.276	0.63	1.430	5.000	3.150	0.63	1.529	4.700	2.961	0.63	1.643
24	22	5.600	2.856	0.51	1.458	5.400	2.754	0.51	1.572	5.100	2.601	0.51	1.671
26	16	4.450	4.228	0.95	1.359	4.250	4.038	0.95	1.458	4.050	3.848	0.95	1.579
26	18	4.800	3.984	0.83	1.395	4.650	3.860	0.83	1.501	4.350	3.611	0.83	1.614
26	20	5.200	3.692	0.71	1.430	5.000	3.550	0.71	1.529	4.700	3.337	0.71	1.643
26	22	5.600	3.304	0.59	1.458	5.400	3.186	0.59	1.572	5.100	3.009	0.59	1.671
27	16	4.450	4.406	0.99	1.359	4.250	4.208	0.99	1.458	4.050	4.010	0.99	1.579
27	18	4.800	4.176	0.87	1.395	4.650	4.046	0.87	1.501	4.350	3.785	0.87	1.614
27	20	5.200	3.900	0.75	1.430	5.000	3.750	0.75	1.529	4.700	3.525	0.75	1.643
27	22	5.600	3.528	0.63	1.458	5.400	3.402	0.63	1.572	5.100	3.213	0.63	1.671
28	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
28	18	4.800	4.368	0.91	1.395	4.650	4.232	0.91	1.501	4.350	3.959	0.91	1.614
28	20	5.200	4.108	0.79	1.430	5.000	3.950	0.79	1.529	4.700	3.713	0.79	1.643
28	22	5.600	3.752	0.67	1.458	5.400	3.618	0.67	1.572	5.100	3.417	0.67	1.671
30	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
30	18	4.800	4.752	0.99	1.395	4.650	4.604	0.99	1.501	4.350	4.307	0.99	1.614
30	20	5.200	4.524	0.87	1.430	5.000	4.350	0.87	1.529	4.700	4.089	0.87	1.643
30	22	5.600	4.200	0.75	1.458	5.400	4.050	0.75	1.572	5.100	3.825	0.75	1.671
32	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
32	18	4.800	4.800	1.00	1.395	4.650	4.650	1.00	1.501	4.350	4.350	1.00	1.614
32	20	5.200	4.940	0.95	1.430	5.000	4.750	0.95	1.529	4.700	4.465	0.95	1.643
32	22	5.600	4.648	0.83	1.458	5.400	4.482	0.83	1.572	5.100	4.233	0.83	1.671
34	16	4.450	4.450	1.00	1.359	4.250	4.250	1.00	1.458	4.050	4.050	1.00	1.579
34	18	4.800	4.800	1.00	1.395	4.650	4.650	1.00	1.501	4.350	4.350	1.00	1.614
34	20	5.200	5.200	1.00	1.430	5.000	5.000	1.00	1.529	4.700	4.700	1.00	1.643
34	22	5.600	5.096	0.91	1.458	5.400	4.914	0.91	1.572	5.100	4.641	0.91	1.671

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY PLA-M60EA2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.046	0.67	1.398	5.856	3.924	0.67	1.476	5.673	3.801	0.67	1.564
20	18	6.466	3.556	0.55	1.424	6.283	3.456	0.55	1.502	6.070	3.339	0.55	1.607
20	20	6.954	2.990	0.43	1.467	6.802	2.925	0.43	1.537	6.619	2.846	0.43	1.642
22	16	6.039	4.529	0.75	1.398	5.856	4.392	0.75	1.476	5.673	4.255	0.75	1.564
22	18	6.466	4.074	0.63	1.424	6.283	3.958	0.63	1.502	6.070	3.824	0.63	1.607
22	20	6.954	3.547	0.51	1.467	6.802	3.469	0.51	1.537	6.619	3.376	0.51	1.642
24	16	6.039	5.012	0.83	1.398	5.856	4.860	0.83	1.476	5.673	4.709	0.83	1.564
24	18	6.466	4.591	0.71	1.424	6.283	4.461	0.71	1.502	6.070	4.310	0.71	1.607
24	20	6.954	4.103	0.59	1.467	6.802	4.013	0.59	1.537	6.619	3.905	0.59	1.642
24	22	7.412	3.484	0.47	1.502	7.259	3.412	0.47	1.590	7.076	3.326	0.47	1.695
26	16	6.039	5.495	0.91	1.398	5.856	5.329	0.91	1.476	5.673	5.162	0.91	1.564
26	18	6.466	5.108	0.79	1.424	6.283	4.964	0.79	1.502	6.070	4.795	0.79	1.607
26	20	6.954	4.659	0.67	1.467	6.802	4.557	0.67	1.537	6.619	4.435	0.67	1.642
26	22	7.412	4.077	0.55	1.502	7.259	3.992	0.55	1.590	7.076	3.892	0.55	1.695
27	16	6.039	5.737	0.95	1.398	5.856	5.563	0.95	1.476	5.673	5.389	0.95	1.564
27	18	6.466	5.367	0.83	1.424	6.283	5.215	0.83	1.502	6.070	5.038	0.83	1.607
27	20	6.954	4.937	0.71	1.467	6.802	4.829	0.71	1.537	6.619	4.699	0.71	1.642
27	22	7.412	4.373	0.59	1.502	7.259	4.283	0.59	1.590	7.076	4.175	0.59	1.695
28	16	6.039	5.979	0.99	1.398	5.856	5.797	0.99	1.476	5.673	5.616	0.99	1.564
28	18	6.466	5.625	0.87	1.424	6.283	5.466	0.87	1.502	6.070	5.281	0.87	1.607
28	20	6.954	5.216	0.75	1.467	6.802	5.102	0.75	1.537	6.619	4.964	0.75	1.642
28	22	7.412	4.670	0.63	1.502	7.259	4.573	0.63	1.590	7.076	4.458	0.63	1.695
30	16	6.039	6.039	1.00	1.398	5.856	5.856	1.00	1.476	5.673	5.673	1.00	1.564
30	18	6.466	6.143	0.95	1.424	6.283	5.969	0.95	1.502	6.070	5.767	0.95	1.607
30	20	6.954	5.772	0.83	1.467	6.802	5.646	0.83	1.537	6.619	5.494	0.83	1.642
30	22	7.412	5.263	0.71	1.502	7.259	5.154	0.71	1.590	7.076	5.024	0.71	1.695
32	16	6.039	6.039	1.00	1.398	5.856	5.856	1.00	1.476	5.673	5.673	1.00	1.564
32	18	6.466	6.466	1.00	1.424	6.283	6.283	1.00	1.502	6.070	6.070	1.00	1.607
32	20	6.954	6.328	0.91	1.467	6.802	6.190	0.91	1.537	6.619	6.023	0.91	1.642
32	22	7.412	5.855	0.79	1.502	7.259	5.735	0.79	1.590	7.076	5.590	0.79	1.695
34	16	6.039	6.039	1.00	1.398	5.856	5.856	1.00	1.476	5.673	5.673	1.00	1.564
34	18	6.466	6.466	1.00	1.424	6.283	6.283	1.00	1.502	6.070	6.070	1.00	1.607
34	20	6.954	6.884	0.99	1.467	6.802	6.734	0.99	1.537	6.619	6.553	0.99	1.642
34	22	7.412	6.448	0.87	1.502	7.259	6.315	0.87	1.590	7.076	6.156	0.87	1.695

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	3.637	0.67	1.677	5.185	3.474	0.67	1.799	4.941	3.310	0.67	1.948
20	18	5.856	3.221	0.55	1.721	5.673	3.120	0.55	1.852	5.307	2.919	0.55	1.992
20	20	6.344	2.728	0.43	1.764	6.100	2.623	0.43	1.887	5.734	2.466	0.43	2.027
22	16	5.429	4.072	0.75	1.677	5.185	3.889	0.75	1.799	4.941	3.706	0.75	1.948
22	18	5.856	3.689	0.63	1.721	5.673	3.574	0.63	1.852	5.307	3.343	0.63	1.992
22	20	6.344	3.235	0.51	1.764	6.100	3.111	0.51	1.887	5.734	2.924	0.51	2.027
24	16	5.429	4.506	0.83	1.677	5.185	4.304	0.83	1.799	4.941	4.101	0.83	1.948
24	18	5.856	4.158	0.71	1.721	5.673	4.028	0.71	1.852	5.307	3.768	0.71	1.992
24	20	6.344	3.743	0.59	1.764	6.100	3.599	0.59	1.887	5.734	3.383	0.59	2.027
24	22	6.832	3.211	0.47	1.799	6.588	3.096	0.47	1.939	6.222	2.924	0.47	2.061
26	16	5.429	4.940	0.91	1.677	5.185	4.718	0.91	1.799	4.941	4.496	0.91	1.948
26	18	5.856	4.626	0.79	1.721	5.673	4.482	0.79	1.852	5.307	4.193	0.79	1.992
26	20	6.344	4.250	0.67	1.764	6.100	4.087	0.67	1.887	5.734	3.842	0.67	2.027
26	22	6.832	3.758	0.55	1.799	6.588	3.623	0.55	1.939	6.222	3.422	0.55	2.061
27	16	5.429	5.158	0.95	1.677	5.185	4.926	0.95	1.799	4.941	4.694	0.95	1.948
27	18	5.856	4.860	0.83	1.721	5.673	4.709	0.83	1.852	5.307	4.405	0.83	1.992
27	20	6.344	4.504	0.71	1.764	6.100	4.331	0.71	1.887	5.734	4.071	0.71	2.027
27	22	6.832	4.031	0.59	1.799	6.588	3.887	0.59	1.939	6.222	3.671	0.59	2.061
28	16	5.429	5.375	0.99	1.677	5.185	5.133	0.99	1.799	4.941	4.892	0.99	1.948
28	18	5.856	5.095	0.87	1.721	5.673	4.936	0.87	1.852	5.307	4.617	0.87	1.992
28	20	6.344	4.758	0.75	1.764	6.100	4.575	0.75	1.887	5.734	4.301	0.75	2.027
28	22	6.832	4.304	0.63	1.799	6.588	4.150	0.63	1.939	6.222	3.920	0.63	2.061
30	16	5.429	5.429	1.00	1.677	5.185	5.185	1.00	1.799	4.941	4.941	1.00	1.948
30	18	5.856	5.563	0.95	1.721	5.673	5.389	0.95	1.852	5.307	5.042	0.95	1.992
30	20	6.344	5.266	0.83	1.764	6.100	5.063	0.83	1.887	5.734	4.759	0.83	2.027
30	22	6.832	4.851	0.71	1.799	6.588	4.677	0.71	1.939	6.222	4.418	0.71	2.061
32	16	5.429	5.429	1.00	1.677	5.185	5.185	1.00	1.799	4.941	4.941	1.00	1.948
32	18	5.856	5.856	1.00	1.721	5.673	5.673	1.00	1.852	5.307	5.307	1.00	1.992
32	20	6.344	5.773	0.91	1.764	6.100	5.551	0.91	1.887	5.734	5.218	0.91	2.027
32	22	6.832	5.397	0.79	1.799	6.588	5.205	0.79	1.939	6.222	4.915	0.79	2.061
34	16	5.429	5.429	1.00	1.677	5.185	5.185	1.00	1.799	4.941	4.941	1.00	1.948
34	18	5.856	5.856	1.00	1.721	5.673	5.673	1.00	1.852	5.307	5.307	1.00	1.992
34	20	6.344	6.281	0.99	1.764	6.100	6.039	0.99	1.887	5.734	5.677	0.99	2.027
34	22	6.832	5.944	0.87	1.799	6.588	5.732	0.87	1.939	6.222	5.413	0.87	2.061

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M71EA2 / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.428	0.63	1.494	6.816	4.294	0.63	1.578	6.603	4.160	0.63	1.672
20	18	7.526	3.838	0.51	1.522	7.313	3.730	0.51	1.606	7.065	3.603	0.51	1.719
20	20	8.094	3.157	0.39	1.569	7.917	3.088	0.39	1.644	7.704	3.005	0.39	1.756
22	16	7.029	4.991	0.71	1.494	6.816	4.839	0.71	1.578	6.603	4.688	0.71	1.672
22	18	7.526	4.440	0.59	1.522	7.313	4.315	0.59	1.606	7.065	4.168	0.59	1.719
22	20	8.094	3.804	0.47	1.569	7.917	3.721	0.47	1.644	7.704	3.621	0.47	1.756
24	16	7.029	5.553	0.79	1.494	6.816	5.385	0.79	1.578	6.603	5.216	0.79	1.672
24	18	7.526	5.042	0.67	1.522	7.313	4.900	0.67	1.606	7.065	4.734	0.67	1.719
24	20	8.094	4.452	0.55	1.569	7.917	4.354	0.55	1.644	7.704	4.237	0.55	1.756
24	22	8.627	3.710	0.43	1.606	8.449	3.633	0.43	1.700	8.236	3.541	0.43	1.812
26	16	7.029	6.115	0.87	1.494	6.816	5.930	0.87	1.578	6.603	5.745	0.87	1.672
26	18	7.526	5.645	0.75	1.522	7.313	5.485	0.75	1.606	7.065	5.299	0.75	1.719
26	20	8.094	5.099	0.63	1.569	7.917	4.988	0.63	1.644	7.704	4.854	0.63	1.756
26	22	8.627	4.400	0.51	1.606	8.449	4.309	0.51	1.700	8.236	4.200	0.51	1.812
27	16	7.029	6.396	0.91	1.494	6.816	6.203	0.91	1.578	6.603	6.009	0.91	1.672
27	18	7.526	5.946	0.79	1.522	7.313	5.777	0.79	1.606	7.065	5.581	0.79	1.719
27	20	8.094	5.423	0.67	1.569	7.917	5.304	0.67	1.644	7.704	5.162	0.67	1.756
27	22	8.627	4.745	0.55	1.606	8.449	4.647	0.55	1.700	8.236	4.530	0.55	1.812
28	16	7.029	6.678	0.95	1.494	6.816	6.475	0.95	1.578	6.603	6.273	0.95	1.672
28	18	7.526	6.247	0.83	1.522	7.313	6.070	0.83	1.606	7.065	5.864	0.83	1.719
28	20	8.094	5.747	0.71	1.569	7.917	5.621	0.71	1.644	7.704	5.470	0.71	1.756
28	22	8.627	5.090	0.59	1.606	8.449	4.985	0.59	1.700	8.236	4.859	0.59	1.812
30	16	7.029	7.029	1.00	1.494	6.816	6.816	1.00	1.578	6.603	6.603	1.00	1.672
30	18	7.526	6.849	0.91	1.522	7.313	6.655	0.91	1.606	7.065	6.429	0.91	1.719
30	20	8.094	6.394	0.79	1.569	7.917	6.254	0.79	1.644	7.704	6.086	0.79	1.756
30	22	8.627	5.780	0.67	1.606	8.449	5.661	0.67	1.700	8.236	5.518	0.67	1.812
32	16	7.029	7.029	1.00	1.494	6.816	6.816	1.00	1.578	6.603	6.603	1.00	1.672
32	18	7.526	7.451	0.99	1.522	7.313	7.240	0.99	1.606	7.065	6.994	0.99	1.719
32	20	8.094	7.042	0.87	1.569	7.917	6.888	0.87	1.644	7.704	6.702	0.87	1.756
32	22	8.627	6.470	0.75	1.606	8.449	6.337	0.75	1.700	8.236	6.177	0.75	1.812
34	16	7.029	7.029	1.00	1.494	6.816	6.816	1.00	1.578	6.603	6.603	1.00	1.672
34	18	7.526	7.526	1.00	1.522	7.313	7.313	1.00	1.606	7.065	7.065	1.00	1.719
34	20	8.094	7.689	0.95	1.569	7.917	7.521	0.95	1.644	7.704	7.319	0.95	1.756
34	22	8.627	7.160	0.83	1.606	8.449	7.013	0.83	1.700	8.236	6.836	0.83	1.812

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	3.981	0.63	1.793	6.035	3.802	0.63	1.924	5.751	3.623	0.63	2.083
20	18	6.816	3.476	0.51	1.840	6.603	3.368	0.51	1.980	6.177	3.150	0.51	2.130
20	20	7.384	2.880	0.39	1.887	7.100	2.769	0.39	2.017	6.674	2.603	0.39	2.167
22	16	6.319	4.486	0.71	1.793	6.035	4.285	0.71	1.924	5.751	4.083	0.71	2.083
22	18	6.816	4.021	0.59	1.840	6.603	3.896	0.59	1.980	6.177	3.644	0.59	2.130
22	20	7.384	3.470	0.47	1.887	7.100	3.337	0.47	2.017	6.674	3.137	0.47	2.167
24	16	6.319	4.992	0.79	1.793	6.035	4.768	0.79	1.924	5.751	4.543	0.79	2.083
24	18	6.816	4.567	0.67	1.840	6.603	4.424	0.67	1.980	6.177	4.139	0.67	2.130
24	20	7.384	4.061	0.55	1.887	7.100	3.905	0.55	2.017	6.674	3.671	0.55	2.167
24	22	7.952	3.419	0.43	1.924	7.668	3.297	0.43	2.073	7.242	3.114	0.43	2.204
26	16	6.319	5.498	0.87	1.793	6.035	5.250	0.87	1.924	5.751	5.003	0.87	2.083
26	18	6.816	5.112	0.75	1.840	6.603	4.952	0.75	1.980	6.177	4.633	0.75	2.130
26	20	7.384	4.652	0.63	1.887	7.100	4.473	0.63	2.017	6.674	4.205	0.63	2.167
26	22	7.952	4.056	0.51	1.924	7.668	3.911	0.51	2.073	7.242	3.693	0.51	2.204
27	16	6.319	5.750	0.91	1.793	6.035	5.492	0.91	1.924	5.751	5.233	0.91	2.083
27	18	6.816	5.385	0.79	1.840	6.603	5.216	0.79	1.980	6.177	4.880	0.79	2.130
27	20	7.384	4.947	0.67	1.887	7.100	4.757	0.67	2.017	6.674	4.472	0.67	2.167
27	22	7.952	4.374	0.55	1.924	7.668	4.217	0.55	2.073	7.242	3.983	0.55	2.204
28	16	6.319	6.003	0.95	1.793	6.035	5.733	0.95	1.924	5.751	5.463	0.95	2.083
28	18	6.816	5.657	0.83	1.840	6.603	5.480	0.83	1.980	6.177	5.127	0.83	2.130
28	20	7.384	5.243	0.71	1.887	7.100	5.041	0.71	2.017	6.674	4.739	0.71	2.167
28	22	7.952	4.692	0.59	1.924	7.668	4.524	0.59	2.073	7.242	4.273	0.59	2.204
30	16	6.319	6.319	1.00	1.793	6.035	6.035	1.00	1.924	5.751	5.751	1.00	2.083
30	18	6.816	6.203	0.91	1.840	6.603	6.009	0.91	1.980	6.177	5.621	0.91	2.130
30	20	7.384	5.833	0.79	1.887	7.100	5.609	0.79	2.017	6.674	5.272	0.79	2.167
30	22	7.952	5.328	0.67	1.924	7.668	5.138	0.67	2.073	7.242	4.852	0.67	2.204
32	16	6.319	6.319	1.00	1.793	6.035	6.035	1.00	1.924	5.751	5.751	1.00	2.083
32	18	6.816	6.748	0.99	1.840	6.603	6.537	0.99	1.980	6.177	6.115	0.99	2.130
32	20	7.384	6.424	0.87	1.887	7.100	6.177	0.87	2.017	6.674	5.806	0.87	2.167
32	22	7.952	5.964	0.75	1.924	7.668	5.751	0.75	2.073	7.242	5.432	0.75	2.204
34	16	6.319	6.319	1.00	1.793	6.035	6.035	1.00	1.924	5.751	5.751	1.00	2.083
34	18	6.816	6.816	1.00	1.840	6.603	6.603	1.00	1.980	6.177	6.177	1.00	2.130
34	20	7.384	7.015	0.95	1.887	7.100	6.745	0.95	2.017	6.674	6.340	0.95	2.167
34	22	7.952	6.600	0.83	1.924	7.668	6.364	0.83	2.073	7.242	6.011	0.83	2.204

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M100EA2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	6.019	0.64	1.784	9.120	5.837	0.64	1.884	8.835	5.654	0.64	1.996
20	18	10.070	5.236	0.52	1.817	9.785	5.088	0.52	1.918	9.453	4.916	0.52	2.052
20	20	10.830	4.332	0.40	1.873	10.593	4.237	0.40	1.962	10.308	4.123	0.40	2.096
22	16	9.405	6.772	0.72	1.784	9.120	6.566	0.72	1.884	8.835	6.361	0.72	1.996
22	18	10.070	6.042	0.60	1.817	9.785	5.871	0.60	1.918	9.453	5.672	0.60	2.052
22	20	10.830	5.198	0.48	1.873	10.593	5.085	0.48	1.962	10.308	4.948	0.48	2.096
24	16	9.405	7.524	0.80	1.784	9.120	7.296	0.80	1.884	8.835	7.068	0.80	1.996
24	18	10.070	6.848	0.68	1.817	9.785	6.654	0.68	1.918	9.453	6.428	0.68	2.052
24	20	10.830	6.065	0.56	1.873	10.593	5.932	0.56	1.962	10.308	5.772	0.56	2.096
24	22	11.543	5.079	0.44	1.918	11.305	4.974	0.44	2.029	11.020	4.849	0.44	2.163
26	16	9.405	8.276	0.88	1.784	9.120	8.026	0.88	1.884	8.835	7.775	0.88	1.996
26	18	10.070	7.653	0.76	1.817	9.785	7.437	0.76	1.918	9.453	7.184	0.76	2.052
26	20	10.830	6.931	0.64	1.873	10.593	6.780	0.64	1.962	10.308	6.597	0.64	2.096
26	22	11.543	6.002	0.52	1.918	11.305	5.879	0.52	2.029	11.020	5.730	0.52	2.163
27	16	9.405	8.653	0.92	1.784	9.120	8.390	0.92	1.884	8.835	8.128	0.92	1.996
27	18	10.070	8.056	0.80	1.817	9.785	7.828	0.80	1.918	9.453	7.562	0.80	2.052
27	20	10.830	7.364	0.68	1.873	10.593	7.203	0.68	1.962	10.308	7.009	0.68	2.096
27	22	11.543	6.464	0.56	1.918	11.305	6.331	0.56	2.029	11.020	6.171	0.56	2.163
28	16	9.405	9.029	0.96	1.784	9.120	8.755	0.96	1.884	8.835	8.482	0.96	1.996
28	18	10.070	8.459	0.84	1.817	9.785	8.219	0.84	1.918	9.453	7.941	0.84	2.052
28	20	10.830	7.798	0.72	1.873	10.593	7.627	0.72	1.962	10.308	7.422	0.72	2.096
28	22	11.543	6.926	0.60	1.918	11.305	6.783	0.60	2.029	11.020	6.612	0.60	2.163
30	16	9.405	9.405	1.00	1.784	9.120	9.120	1.00	1.884	8.835	8.835	1.00	1.996
30	18	10.070	9.264	0.92	1.817	9.785	9.002	0.92	1.918	9.453	8.697	0.92	2.052
30	20	10.830	8.664	0.80	1.873	10.593	8.474	0.80	1.962	10.308	8.246	0.80	2.096
30	22	11.543	7.849	0.68	1.918	11.305	7.687	0.68	2.029	11.020	7.494	0.68	2.163
32	16	9.405	9.405	1.00	1.784	9.120	9.120	1.00	1.884	8.835	8.835	1.00	1.996
32	18	10.070	10.070	1.00	1.817	9.785	9.785	1.00	1.918	9.453	9.453	1.00	2.052
32	20	10.830	9.530	0.88	1.873	10.593	9.322	0.88	1.962	10.308	9.071	0.88	2.096
32	22	11.543	8.773	0.76	1.918	11.305	8.592	0.76	2.029	11.020	8.375	0.76	2.163
34	16	9.405	9.405	1.00	1.784	9.120	9.120	1.00	1.884	8.835	8.835	1.00	1.996
34	18	10.070	10.070	1.00	1.817	9.785	9.785	1.00	1.918	9.453	9.453	1.00	2.052
34	20	10.830	10.397	0.96	1.873	10.593	10.169	0.96	1.962	10.308	9.896	0.96	2.096
34	22	11.543	9.696	0.84	1.918	11.305	9.496	0.84	2.029	11.020	9.257	0.84	2.163

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.411	0.64	2.141	8.075	5.168	0.64	2.297	7.695	4.925	0.64	2.486
20	18	9.120	4.742	0.52	2.197	8.835	4.594	0.52	2.364	8.265	4.298	0.52	2.542
20	20	9.880	3.952	0.40	2.252	9.500	3.800	0.40	2.408	8.930	3.572	0.40	2.587
22	16	8.455	6.088	0.72	2.141	8.075	5.814	0.72	2.297	7.695	5.540	0.72	2.486
22	18	9.120	5.472	0.60	2.197	8.835	5.301	0.60	2.364	8.265	4.959	0.60	2.542
22	20	9.880	4.742	0.48	2.252	9.500	4.560	0.48	2.408	8.930	4.286	0.48	2.587
24	16	8.455	6.764	0.80	2.141	8.075	6.460	0.80	2.297	7.695	6.156	0.80	2.486
24	18	9.120	6.202	0.68	2.197	8.835	6.008	0.68	2.364	8.265	5.620	0.68	2.542
24	20	9.880	5.533	0.56	2.252	9.500	5.320	0.56	2.408	8.930	5.001	0.56	2.587
24	22	10.640	4.682	0.44	2.297	10.260	4.514	0.44	2.475	9.690	4.264	0.44	2.631
26	16	8.455	7.440	0.88	2.141	8.075	7.106	0.88	2.297	7.695	6.772	0.88	2.486
26	18	9.120	6.931	0.76	2.197	8.835	6.715	0.76	2.364	8.265	6.281	0.76	2.542
26	20	9.880	6.323	0.64	2.252	9.500	6.080	0.64	2.408	8.930	5.715	0.64	2.587
26	22	10.640	5.533	0.52	2.297	10.260	5.335	0.52	2.475	9.690	5.039	0.52	2.631
27	16	8.455	7.779	0.92	2.141	8.075	7.429	0.92	2.297	7.695	7.079	0.92	2.486
27	18	9.120	7.296	0.80	2.197	8.835	7.068	0.80	2.364	8.265	6.612	0.80	2.542
27	20	9.880	6.718	0.68	2.252	9.500	6.460	0.68	2.408	8.930	6.072	0.68	2.587
27	22	10.640	5.958	0.56	2.297	10.260	5.746	0.56	2.475	9.690	5.426	0.56	2.631
28	16	8.455	8.117	0.96	2.141	8.075	7.752	0.96	2.297	7.695	7.387	0.96	2.486
28	18	9.120	7.661	0.84	2.197	8.835	7.421	0.84	2.364	8.265	6.943	0.84	2.542
28	20	9.880	7.114	0.72	2.252	9.500	6.840	0.72	2.408	8.930	6.430	0.72	2.587
28	22	10.640	6.384	0.60	2.297	10.260	6.156	0.60	2.475	9.690	5.814	0.60	2.631
30	16	8.455	8.455	1.00	2.141	8.075	8.075	1.00	2.297	7.695	7.695	1.00	2.486
30	18	9.120	8.390	0.92	2.197	8.835	8.128	0.92	2.364	8.265	7.604	0.92	2.542
30	20	9.880	7.904	0.80	2.252	9.500	7.600	0.80	2.408	8.930	7.144	0.80	2.587
30	22	10.640	7.235	0.68	2.297	10.260	6.977	0.68	2.475	9.690	6.589	0.68	2.631
32	16	8.455	8.455	1.00	2.141	8.075	8.075	1.00	2.297	7.695	7.695	1.00	2.486
32	18	9.120	9.120	1.00	2.197	8.835	8.835	1.00	2.364	8.265	8.265	1.00	2.542
32	20	9.880	8.694	0.88	2.252	9.500	8.360	0.88	2.408	8.930	7.858	0.88	2.587
32	22	10.640	8.086	0.76	2.297	10.260	7.798	0.76	2.475	9.690	7.364	0.76	2.631
34	16	8.455	8.455	1.00	2.141	8.075	8.075	1.00	2.297	7.695	7.695	1.00	2.486
34	18	9.120	9.120	1.00	2.197	8.835	8.835	1.00	2.364	8.265	8.265	1.00	2.542
34	20	9.880	9.485	0.96	2.252	9.500	9.120	0.96	2.408	8.930	8.573	0.96	2.587
34	22	10.640	8.938	0.84	2.297	10.260	8.618	0.84	2.475	9.690	8.140	0.84	2.631

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-ZM71EA2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.358	0.62	1.506	6.816	4.226	0.62	1.591	6.603	4.094	0.62	1.685
20	18	7.526	3.763	0.50	1.535	7.313	3.657	0.50	1.619	7.065	3.533	0.50	1.732
20	20	8.094	3.076	0.38	1.582	7.917	3.008	0.38	1.657	7.704	2.928	0.38	1.770
22	16	7.029	4.920	0.70	1.506	6.816	4.771	0.70	1.591	6.603	4.622	0.70	1.685
22	18	7.526	4.365	0.58	1.535	7.313	4.242	0.58	1.619	7.065	4.098	0.58	1.732
22	20	8.094	3.723	0.46	1.582	7.917	3.642	0.46	1.657	7.704	3.544	0.46	1.770
24	16	7.029	5.483	0.78	1.506	6.816	5.316	0.78	1.591	6.603	5.150	0.78	1.685
24	18	7.526	4.967	0.66	1.535	7.313	4.827	0.66	1.619	7.065	4.663	0.66	1.732
24	20	8.094	4.371	0.54	1.582	7.917	4.275	0.54	1.657	7.704	4.160	0.54	1.770
24	22	8.627	3.623	0.42	1.619	8.449	3.549	0.42	1.714	8.236	3.459	0.42	1.827
26	16	7.029	6.045	0.86	1.506	6.816	5.862	0.86	1.591	6.603	5.679	0.86	1.685
26	18	7.526	5.569	0.74	1.535	7.313	5.412	0.74	1.619	7.065	5.228	0.74	1.732
26	20	8.094	5.018	0.62	1.582	7.917	4.909	0.62	1.657	7.704	4.776	0.62	1.770
26	22	8.627	4.314	0.50	1.619	8.449	4.225	0.50	1.714	8.236	4.118	0.50	1.827
27	16	7.029	6.326	0.90	1.506	6.816	6.134	0.90	1.591	6.603	5.943	0.90	1.685
27	18	7.526	5.870	0.78	1.535	7.313	5.704	0.78	1.619	7.065	5.511	0.78	1.732
27	20	8.094	5.342	0.66	1.582	7.917	5.225	0.66	1.657	7.704	5.085	0.66	1.770
27	22	8.627	4.659	0.54	1.619	8.449	4.562	0.54	1.714	8.236	4.447	0.54	1.827
28	16	7.029	6.607	0.94	1.506	6.816	6.407	0.94	1.591	6.603	6.207	0.94	1.685
28	18	7.526	6.171	0.82	1.535	7.313	5.997	0.82	1.619	7.065	5.793	0.82	1.732
28	20	8.094	5.666	0.70	1.582	7.917	5.542	0.70	1.657	7.704	5.393	0.70	1.770
28	22	8.627	5.004	0.58	1.619	8.449	4.900	0.58	1.714	8.236	4.777	0.58	1.827
30	16	7.029	7.029	1.00	1.506	6.816	6.816	1.00	1.591	6.603	6.603	1.00	1.685
30	18	7.526	6.773	0.90	1.535	7.313	6.582	0.90	1.619	7.065	6.359	0.90	1.732
30	20	8.094	6.313	0.78	1.582	7.917	6.175	0.78	1.657	7.704	6.009	0.78	1.770
30	22	8.627	5.694	0.66	1.619	8.449	5.576	0.66	1.714	8.236	5.436	0.66	1.827
32	16	7.029	7.029	1.00	1.506	6.816	6.816	1.00	1.591	6.603	6.603	1.00	1.685
32	18	7.526	7.375	0.98	1.535	7.313	7.167	0.98	1.619	7.065	6.924	0.98	1.732
32	20	8.094	6.961	0.86	1.582	7.917	6.809	0.86	1.657	7.704	6.625	0.86	1.770
32	22	8.627	6.384	0.74	1.619	8.449	6.252	0.74	1.714	8.236	6.095	0.74	1.827
34	16	7.029	7.029	1.00	1.506	6.816	6.816	1.00	1.591	6.603	6.603	1.00	1.685
34	18	7.526	7.526	1.00	1.535	7.313	7.313	1.00	1.619	7.065	7.065	1.00	1.732
34	20	8.094	7.608	0.94	1.582	7.917	7.442	0.94	1.657	7.704	7.242	0.94	1.770
34	22	8.627	7.074	0.82	1.619	8.449	6.928	0.82	1.714	8.236	6.754	0.82	1.827

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	3.918	0.62	1.808	6.035	3.742	0.62	1.939	5.751	3.566	0.62	2.100
20	18	6.816	3.408	0.50	1.855	6.603	3.302	0.50	1.996	6.177	3.089	0.50	2.147
20	20	7.384	2.806	0.38	1.902	7.100	2.698	0.38	2.034	6.674	2.536	0.38	2.184
22	16	6.319	4.423	0.70	1.808	6.035	4.225	0.70	1.939	5.751	4.026	0.70	2.100
22	18	6.816	3.953	0.58	1.855	6.603	3.830	0.58	1.996	6.177	3.583	0.58	2.147
22	20	7.384	3.397	0.46	1.902	7.100	3.266	0.46	2.034	6.674	3.070	0.46	2.184
24	16	6.319	4.929	0.78	1.808	6.035	4.707	0.78	1.939	5.751	4.486	0.78	2.100
24	18	6.816	4.499	0.66	1.855	6.603	4.358	0.66	1.996	6.177	4.077	0.66	2.147
24	20	7.384	3.987	0.54	1.902	7.100	3.834	0.54	2.034	6.674	3.604	0.54	2.184
24	22	7.952	3.340	0.42	1.939	7.668	3.221	0.42	2.090	7.242	3.042	0.42	2.222
26	16	6.319	5.434	0.86	1.808	6.035	5.190	0.86	1.939	5.751	4.946	0.86	2.100
26	18	6.816	5.044	0.74	1.855	6.603	4.886	0.74	1.996	6.177	4.571	0.74	2.147
26	20	7.384	4.578	0.62	1.902	7.100	4.402	0.62	2.034	6.674	4.138	0.62	2.184
26	22	7.952	3.976	0.50	1.939	7.668	3.834	0.50	2.090	7.242	3.621	0.50	2.222
27	16	6.319	5.687	0.90	1.808	6.035	5.432	0.90	1.939	5.751	5.176	0.90	2.100
27	18	6.816	5.316	0.78	1.855	6.603	5.150	0.78	1.996	6.177	4.818	0.78	2.147
27	20	7.384	4.873	0.66	1.902	7.100	4.686	0.66	2.034	6.674	4.405	0.66	2.184
27	22	7.952	4.294	0.54	1.939	7.668	4.141	0.54	2.090	7.242	3.911	0.54	2.222
28	16	6.319	5.940	0.94	1.808	6.035	5.673	0.94	1.939	5.751	5.406	0.94	2.100
28	18	6.816	5.589	0.82	1.855	6.603	5.414	0.82	1.996	6.177	5.065	0.82	2.147
28	20	7.384	5.169	0.70	1.902	7.100	4.970	0.70	2.034	6.674	4.672	0.70	2.184
28	22	7.952	4.612	0.58	1.939	7.668	4.447	0.58	2.090	7.242	4.200	0.58	2.222
30	16	6.319	6.319	1.00	1.808	6.035	6.035	1.00	1.939	5.751	5.751	1.00	2.100
30	18	6.816	6.134	0.90	1.855	6.603	5.943	0.90	1.996	6.177	5.559	0.90	2.147
30	20	7.384	5.760	0.78	1.902	7.100	5.538	0.78	2.034	6.674	5.206	0.78	2.184
30	22	7.952	5.248	0.66	1.939	7.668	5.061	0.66	2.090	7.242	4.780	0.66	2.222
32	16	6.319	6.319	1.00	1.808	6.035	6.035	1.00	1.939	5.751	5.751	1.00	2.100
32	18	6.816	6.680	0.98	1.855	6.603	6.471	0.98	1.996	6.177	6.053	0.98	2.147
32	20	7.384	6.350	0.86	1.902	7.100	6.106	0.86	2.034	6.674	5.740	0.86	2.184
32	22	7.952	5.884	0.74	1.939	7.668	5.674	0.74	2.090	7.242	5.359	0.74	2.222
34	16	6.319	6.319	1.00	1.808	6.035	6.035	1.00	1.939	5.751	5.751	1.00	2.100
34	18	6.816	6.816	1.00	1.855	6.603	6.603	1.00	1.996	6.177	6.177	1.00	2.147
34	20	7.384	6.941	0.94	1.902	7.100	6.674	0.94	2.034	6.674	6.274	0.94	2.184
34	22	7.952	6.521	0.82	1.939	7.668	6.288	0.82	2.090	7.242	5.938	0.82	2.222

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M35EA2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.792	0.66	0.816	4.050	2.673	0.66	0.857	3.888	2.566	0.66	0.898	3.744	2.471	0.66	0.938
21	20	4.410	2.381	0.54	0.857	4.230	2.284	0.54	0.908	4.104	2.216	0.54	0.928	3.960	2.138	0.54	0.969
22	18	4.230	2.961	0.70	0.816	4.050	2.835	0.70	0.857	3.888	2.722	0.70	0.898	3.744	2.621	0.70	0.938
22	20	4.410	2.558	0.58	0.857	4.230	2.453	0.58	0.908	4.104	2.380	0.58	0.928	3.960	2.297	0.58	0.969
22	22	4.590	2.111	0.46	0.887	4.428	2.037	0.46	0.944	4.320	1.987	0.46	0.969	4.140	1.904	0.46	1.010
23	18	4.230	3.130	0.74	0.816	4.050	2.997	0.74	0.857	3.888	2.877	0.74	0.898	3.744	2.771	0.74	0.938
23	20	4.410	2.734	0.62	0.857	4.230	2.623	0.62	0.908	4.104	2.544	0.62	0.928	3.960	2.455	0.62	0.969
23	22	4.590	2.295	0.50	0.887	4.428	2.214	0.50	0.944	4.320	2.160	0.50	0.969	4.140	2.070	0.50	1.010
24	18	4.230	3.299	0.78	0.816	4.050	3.159	0.78	0.857	3.888	3.033	0.78	0.898	3.744	2.920	0.78	0.938
24	20	4.410	2.911	0.66	0.857	4.230	2.792	0.66	0.908	4.104	2.709	0.66	0.928	3.960	2.614	0.66	0.969
24	22	4.590	2.479	0.54	0.887	4.428	2.391	0.54	0.944	4.320	2.333	0.54	0.969	4.140	2.236	0.54	1.010
24	24	4.824	2.026	0.42	0.928	4.644	1.950	0.42	0.979	4.536	1.905	0.42	1.010	4.392	1.845	0.42	1.061
25	20	4.410	3.087	0.70	0.857	4.230	2.961	0.70	0.908	4.104	2.873	0.70	0.928	3.960	2.772	0.70	0.969
25	22	4.590	2.662	0.58	0.887	4.428	2.568	0.58	0.944	4.320	2.506	0.58	0.969	4.140	2.401	0.58	1.010
25	24	4.824	2.219	0.46	0.928	4.644	2.136	0.46	0.979	4.536	2.087	0.46	1.010	4.392	2.020	0.46	1.061
26	18	4.230	3.638	0.86	0.816	4.050	3.483	0.86	0.857	3.888	3.344	0.86	0.898	3.744	3.220	0.86	0.938
26	20	4.410	3.263	0.74	0.857	4.230	3.130	0.74	0.908	4.104	3.037	0.74	0.928	3.960	2.930	0.74	0.969
26	22	4.590	2.846	0.62	0.887	4.428	2.745	0.62	0.944	4.320	2.678	0.62	0.969	4.140	2.567	0.62	1.010
26	24	4.824	2.412	0.50	0.928	4.644	2.322	0.50	0.979	4.536	2.268	0.50	1.010	4.392	2.196	0.50	1.061
26	26	4.968	1.888	0.38	0.979	4.824	1.833	0.38	1.030	4.752	1.806	0.38	1.061	4.608	1.751	0.38	1.091
27	18	4.230	3.807	0.90	0.816	4.050	3.645	0.90	0.857	3.888	3.499	0.90	0.898	3.744	3.370	0.90	0.938
27	20	4.410	3.440	0.78	0.857	4.230	3.299	0.78	0.908	4.104	3.201	0.78	0.928	3.960	3.089	0.78	0.969
27	22	4.590	3.029	0.66	0.887	4.428	2.922	0.66	0.944	4.320	2.851	0.66	0.969	4.140	2.732	0.66	1.010
27	24	4.824	2.605	0.54	0.928	4.644	2.508	0.54	0.979	4.536	2.449	0.54	1.010	4.392	2.372	0.54	1.061
27	26	4.968	2.087	0.42	0.979	4.824	2.026	0.42	1.030	4.752	1.996	0.42	1.061	4.608	1.935	0.42	1.091
28	18	4.230	3.976	0.94	0.816	4.050	3.807	0.94	0.857	3.888	3.655	0.94	0.898	3.744	3.519	0.94	0.938
28	20	4.410	3.616	0.82	0.857	4.230	3.469	0.82	0.908	4.104	3.365	0.82	0.928	3.960	3.247	0.82	0.969
28	22	4.590	3.213	0.70	0.887	4.428	3.100	0.70	0.944	4.320	3.024	0.70	0.969	4.140	2.898	0.70	1.010
28	24	4.824	2.798	0.58	0.928	4.644	2.694	0.58	0.979	4.536	2.631	0.58	1.010	4.392	2.547	0.58	1.061
28	26	4.968	2.285	0.46	0.979	4.824	2.219	0.46	1.030	4.752	2.186	0.46	1.061	4.608	2.120	0.46	1.091
29	18	4.230	4.145	0.98	0.816	4.050	3.969	0.98	0.857	3.888	3.810	0.98	0.898	3.744	3.669	0.98	0.938
29	20	4.410	3.793	0.86	0.857	4.230	3.638	0.86	0.908	4.104	3.529	0.86	0.928	3.960	3.406	0.86	0.969
29	22	4.590	3.397	0.74	0.887	4.428	3.277	0.74	0.944	4.320	3.197	0.74	0.969	4.140	3.064	0.74	1.010
29	24	4.824	2.991	0.62	0.928	4.644	2.879	0.62	0.979	4.536	2.812	0.62	1.010	4.392	2.723	0.62	1.061
29	26	4.968	2.484	0.50	0.979	4.824	2.412	0.50	1.030	4.752	2.376	0.50	1.061	4.608	2.304	0.50	1.091
30	18	4.230	4.230	1.00	0.816	4.050	4.050	1.00	0.857	3.888	3.888	1.00	0.898	3.744	3.744	1.00	0.938
30	20	4.410	3.969	0.90	0.857	4.230	3.807	0.90	0.908	4.104	3.694	0.90	0.928	3.960	3.564	0.90	0.969
30	22	4.590	3.580	0.78	0.887	4.428	3.454	0.78	0.944	4.320	3.370	0.78	0.969	4.140	3.229	0.78	1.010
30	24	4.824	3.184	0.66	0.928	4.644	3.065	0.66	0.979	4.536	2.994	0.66	1.010	4.392	2.899	0.66	1.061
30	26	4.968	2.683	0.54	0.979	4.824	2.605	0.54	1.030	4.752	2.566	0.54	1.061	4.608	2.488	0.54	1.091
31	18	4.230	4.230	1.00	0.816	4.050	4.050	1.00	0.857	3.888	3.888	1.00	0.898	3.744	3.744	1.00	0.938
31	20	4.410	4.145	0.94	0.857	4.230	3.976	0.94	0.908	4.104	3.858	0.94	0.928	3.960	3.722	0.94	0.969
31	22	4.590	3.764	0.82	0.887	4.428	3.631	0.82	0.944	4.320	3.542	0.82	0.969	4.140	3.395	0.82	1.010
31	24	4.824	3.377	0.70	0.928	4.644	3.251	0.70	0.979	4.536	3.175	0.70	1.010	4.392	3.074	0.70	1.061
31	26	4.968	2.881	0.58	0.979	4.824	2.798	0.58	1.030	4.752	2.756	0.58	1.061	4.608	2.673	0.58	1.091
32	18	4.230	4.230	1.00	0.816	4.050	4.050	1.00	0.857	3.888	3.888	1.00	0.898	3.744	3.744	1.00	0.938
32	20	4.410	4.322	0.98	0.857	4.230	4.145	0.98	0.908	4.104	4.022	0.98	0.928	3.960	3.881	0.98	0.969
32	22	4.590	3.947	0.86	0.887	4.428	3.808	0.86	0.944	4.320	3.715	0.86	0.969	4.140	3.560	0.86	1.010
32	24	4.824	3.570	0.74	0.928	4.644	3.437	0.74	0.979	4.536	3.357	0.74	1.010	4.392	3.250	0.74	1.061
32	26	4.968	3.080	0.62	0.979	4.824	2.991	0.62	1.030	4.752	2.946	0.62	1.061	4.608	2.857	0.62	1.091

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M35EA2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.328	0.66	1.000	3.240	2.138	0.66	1.061	2.988	1.972	0.66	1.102
21	20	3.708	2.002	0.54	1.040	3.456	1.866	0.54	1.091	3.204	1.730	0.54	1.153
22	18	3.528	2.470	0.70	1.000	3.240	2.268	0.70	1.061	2.988	2.092	0.70	1.102
22	20	3.708	2.151	0.58	1.040	3.456	2.004	0.58	1.091	3.204	1.858	0.58	1.153
22	22	3.924	1.805	0.46	1.081	3.672	1.689	0.46	1.142	3.420	1.573	0.46	1.183
23	18	3.528	2.611	0.74	1.000	3.240	2.398	0.74	1.061	2.988	2.211	0.74	1.102
23	20	3.708	2.299	0.62	1.040	3.456	2.143	0.62	1.091	3.204	1.986	0.62	1.153
23	22	3.924	1.962	0.50	1.081	3.672	1.836	0.50	1.142	3.420	1.710	0.50	1.183
24	18	3.528	2.752	0.78	1.000	3.240	2.527	0.78	1.061	2.988	2.331	0.78	1.102
24	20	3.708	2.447	0.66	1.040	3.456	2.281	0.66	1.091	3.204	2.115	0.66	1.153
24	22	3.924	2.119	0.54	1.081	3.672	1.983	0.54	1.142	3.420	1.847	0.54	1.183
24	24	4.140	1.739	0.42	1.122	3.888	1.633	0.42	1.173	3.672	1.542	0.42	1.224
25	20	3.708	2.596	0.70	1.040	3.456	2.419	0.70	1.091	3.204	2.243	0.70	1.153
25	22	3.924	2.276	0.58	1.081	3.672	2.130	0.58	1.142	3.420	1.984	0.58	1.183
25	24	4.140	1.904	0.46	1.122	3.888	1.788	0.46	1.173	3.672	1.689	0.46	1.224
26	18	3.528	3.034	0.86	1.000	3.240	2.786	0.86	1.061	2.988	2.570	0.86	1.102
26	20	3.708	2.744	0.74	1.040	3.456	2.557	0.74	1.091	3.204	2.371	0.74	1.153
26	22	3.924	2.433	0.62	1.081	3.672	2.277	0.62	1.142	3.420	2.120	0.62	1.183
26	24	4.140	2.070	0.50	1.122	3.888	1.944	0.50	1.173	3.672	1.836	0.50	1.224
26	26	4.356	1.655	0.38	1.163	4.104	1.560	0.38	1.214	3.852	1.464	0.38	1.265
27	18	3.528	3.175	0.90	1.000	3.240	2.916	0.90	1.061	2.988	2.689	0.90	1.102
27	20	3.708	2.892	0.78	1.040	3.456	2.696	0.78	1.091	3.204	2.499	0.78	1.153
27	22	3.924	2.590	0.66	1.081	3.672	2.424	0.66	1.142	3.420	2.257	0.66	1.183
27	24	4.140	2.236	0.54	1.122	3.888	2.100	0.54	1.173	3.672	1.983	0.54	1.224
27	26	4.356	1.830	0.42	1.163	4.104	1.724	0.42	1.214	3.852	1.618	0.42	1.265
28	18	3.528	3.316	0.94	1.000	3.240	3.046	0.94	1.061	2.988	2.809	0.94	1.102
28	20	3.708	3.041	0.82	1.040	3.456	2.834	0.82	1.091	3.204	2.627	0.82	1.153
28	22	3.924	2.747	0.70	1.081	3.672	2.570	0.70	1.142	3.420	2.394	0.70	1.183
28	24	4.140	2.401	0.58	1.122	3.888	2.255	0.58	1.173	3.672	2.130	0.58	1.224
28	26	4.356	2.004	0.46	1.163	4.104	1.888	0.46	1.214	3.852	1.772	0.46	1.265
29	18	3.528	3.457	0.98	1.000	3.240	3.175	0.98	1.061	2.988	2.928	0.98	1.102
29	20	3.708	3.189	0.86	1.040	3.456	2.972	0.86	1.091	3.204	2.755	0.86	1.153
29	22	3.924	2.904	0.74	1.081	3.672	2.717	0.74	1.142	3.420	2.531	0.74	1.183
29	24	4.140	2.567	0.62	1.122	3.888	2.411	0.62	1.173	3.672	2.277	0.62	1.224
29	26	4.356	2.178	0.50	1.163	4.104	2.052	0.50	1.214	3.852	1.926	0.50	1.265
30	18	3.528	3.528	1.00	1.000	3.240	3.240	1.00	1.061	2.988	2.988	1.00	1.102
30	20	3.708	3.337	0.90	1.040	3.456	3.110	0.90	1.091	3.204	2.884	0.90	1.153
30	22	3.924	3.061	0.78	1.081	3.672	2.864	0.78	1.142	3.420	2.668	0.78	1.183
30	24	4.140	2.732	0.66	1.122	3.888	2.566	0.66	1.173	3.672	2.424	0.66	1.224
30	26	4.356	2.352	0.54	1.163	4.104	2.216	0.54	1.214	3.852	2.080	0.54	1.265
31	18	3.528	3.528	1.00	1.000	3.240	3.240	1.00	1.061	2.988	2.988	1.00	1.102
31	20	3.708	3.486	0.94	1.040	3.456	3.249	0.94	1.091	3.204	3.012	0.94	1.153
31	22	3.924	3.218	0.82	1.081	3.672	3.011	0.82	1.142	3.420	2.804	0.82	1.183
31	24	4.140	2.898	0.70	1.122	3.888	2.722	0.70	1.173	3.672	2.570	0.70	1.224
31	26	4.356	2.526	0.58	1.163	4.104	2.380	0.58	1.214	3.852	2.234	0.58	1.265
32	18	3.528	3.528	1.00	1.000	3.240	3.240	1.00	1.061	2.988	2.988	1.00	1.102
32	20	3.708	3.634	0.98	1.040	3.456	3.387	0.98	1.091	3.204	3.140	0.98	1.153
32	22	3.924	3.375	0.86	1.081	3.672	3.158	0.86	1.142	3.420	2.941	0.86	1.183
32	24	4.140	3.064	0.74	1.122	3.888	2.877	0.74	1.173	3.672	2.717	0.74	1.224
32	26	4.356	2.701	0.62	1.163	4.104	2.544	0.62	1.214	3.852	2.388	0.62	1.265

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M50EA2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.463	4.072	0.63	1.288	6.188	3.898	0.63	1.352	5.940	3.742	0.63	1.417	5.720	3.604	0.63	1.481
21	20	6.738	3.436	0.51	1.352	6.463	3.296	0.51	1.433	6.270	3.198	0.51	1.465	6.050	3.086	0.51	1.530
22	18	6.463	4.330	0.67	1.288	6.188	4.146	0.67	1.352	5.940	3.980	0.67	1.417	5.720	3.832	0.67	1.481
22	20	6.738	3.706	0.55	1.352	6.463	3.555	0.55	1.433	6.270	3.449	0.55	1.465	6.050	3.328	0.55	1.530
22	22	7.013	3.016	0.43	1.401	6.765	2.909	0.43	1.489	6.600	2.838	0.43	1.530	6.325	2.720	0.43	1.594
23	18	6.463	4.589	0.71	1.288	6.188	4.393	0.71	1.352	5.940	4.217	0.71	1.417	5.720	4.061	0.71	1.481
23	20	6.738	3.975	0.59	1.352	6.463	3.813	0.59	1.433	6.270	3.699	0.59	1.465	6.050	3.570	0.59	1.530
23	22	7.013	3.296	0.47	1.401	6.765	3.180	0.47	1.489	6.600	3.102	0.47	1.530	6.325	2.973	0.47	1.594
24	18	6.463	4.847	0.75	1.288	6.188	4.641	0.75	1.352	5.940	4.455	0.75	1.417	5.720	4.290	0.75	1.481
24	20	6.738	4.245	0.63	1.352	6.463	4.072	0.63	1.433	6.270	3.950	0.63	1.465	6.050	3.812	0.63	1.530
24	22	7.013	3.577	0.51	1.401	6.765	3.450	0.51	1.489	6.600	3.366	0.51	1.530	6.325	3.226	0.51	1.594
24	24	7.370	2.874	0.39	1.465	7.095	2.767	0.39	1.546	6.930	2.703	0.39	1.594	6.710	2.617	0.39	1.674
25	20	6.738	4.514	0.67	1.352	6.463	4.330	0.67	1.433	6.270	4.201	0.67	1.465	6.050	4.054	0.67	1.530
25	22	7.013	3.857	0.55	1.401	6.765	3.721	0.55	1.489	6.600	3.630	0.55	1.530	6.325	3.479	0.55	1.594
25	24	7.370	3.169	0.43	1.465	7.095	3.051	0.43	1.546	6.930	2.980	0.43	1.594	6.710	2.885	0.43	1.674
26	18	6.463	5.364	0.83	1.288	6.188	5.136	0.83	1.352	5.940	4.930	0.83	1.417	5.720	4.748	0.83	1.481
26	20	6.738	4.784	0.71	1.352	6.463	4.589	0.71	1.433	6.270	4.452	0.71	1.465	6.050	4.296	0.71	1.530
26	22	7.013	4.138	0.59	1.401	6.765	3.991	0.59	1.489	6.600	3.894	0.59	1.530	6.325	3.732	0.59	1.594
26	24	7.370	3.464	0.47	1.465	7.095	3.335	0.47	1.546	6.930	3.257	0.47	1.594	6.710	3.154	0.47	1.674
26	26	7.590	2.657	0.35	1.546	7.370	2.580	0.35	1.626	7.260	2.541	0.35	1.674	7.040	2.464	0.35	1.723
27	18	6.463	5.623	0.87	1.288	6.188	5.384	0.87	1.352	5.940	5.168	0.87	1.417	5.720	4.976	0.87	1.481
27	20	6.738	5.054	0.75	1.352	6.463	4.847	0.75	1.433	6.270	4.703	0.75	1.465	6.050	4.538	0.75	1.530
27	22	7.013	4.418	0.63	1.401	6.765	4.262	0.63	1.489	6.600	4.158	0.63	1.530	6.325	3.985	0.63	1.594
27	24	7.370	3.759	0.51	1.465	7.095	3.618	0.51	1.546	6.930	3.534	0.51	1.594	6.710	3.422	0.51	1.674
27	26	7.590	2.960	0.39	1.546	7.370	2.874	0.39	1.626	7.260	2.831	0.39	1.674	7.040	2.746	0.39	1.723
28	18	6.463	5.881	0.91	1.288	6.188	5.631	0.91	1.352	5.940	5.405	0.91	1.417	5.720	5.205	0.91	1.481
28	20	6.738	5.323	0.79	1.352	6.463	5.106	0.79	1.433	6.270	4.953	0.79	1.465	6.050	4.780	0.79	1.530
28	22	7.013	4.699	0.67	1.401	6.765	4.533	0.67	1.489	6.600	4.422	0.67	1.530	6.325	4.238	0.67	1.594
28	24	7.370	4.054	0.55	1.465	7.095	3.902	0.55	1.546	6.930	3.812	0.55	1.594	6.710	3.691	0.55	1.674
28	26	7.590	3.264	0.43	1.546	7.370	3.169	0.43	1.626	7.260	3.122	0.43	1.674	7.040	3.027	0.43	1.723
29	18	6.463	6.140	0.95	1.288	6.188	5.879	0.95	1.352	5.940	5.643	0.95	1.417	5.720	5.434	0.95	1.481
29	20	6.738	5.593	0.83	1.352	6.463	5.364	0.83	1.433	6.270	5.204	0.83	1.465	6.050	5.022	0.83	1.530
29	22	7.013	4.979	0.71	1.401	6.765	4.803	0.71	1.489	6.600	4.686	0.71	1.530	6.325	4.491	0.71	1.594
29	24	7.370	4.348	0.59	1.465	7.095	4.186	0.59	1.546	6.930	4.089	0.59	1.594	6.710	3.959	0.59	1.674
29	26	7.590	3.567	0.47	1.546	7.370	3.464	0.47	1.626	7.260	3.412	0.47	1.674	7.040	3.309	0.47	1.723
30	18	6.463	6.398	0.99	1.288	6.188	6.126	0.99	1.352	5.940	5.881	0.99	1.417	5.720	5.663	0.99	1.481
30	20	6.738	5.862	0.87	1.352	6.463	5.623	0.87	1.433	6.270	5.455	0.87	1.465	6.050	5.264	0.87	1.530
30	22	7.013	5.260	0.75	1.401	6.765	5.074	0.75	1.489	6.600	4.950	0.75	1.530	6.325	4.744	0.75	1.594
30	24	7.370	4.643	0.63	1.465	7.095	4.470	0.63	1.546	6.930	4.366	0.63	1.594	6.710	4.227	0.63	1.674
30	26	7.590	3.871	0.51	1.546	7.370	3.759	0.51	1.626	7.260	3.703	0.51	1.674	7.040	3.590	0.51	1.723
31	18	6.463	6.663	1.00	1.288	6.188	6.188	1.00	1.352	5.940	5.940	1.00	1.417	5.720	5.720	1.00	1.481
31	20	6.738	6.132	0.91	1.352	6.463	5.881	0.91	1.433	6.270	5.706	0.91	1.465	6.050	5.506	0.91	1.530
31	22	7.013	5.540	0.79	1.401	6.765	5.344	0.79	1.489	6.600	5.214	0.79	1.530	6.325	4.997	0.79	1.594
31	24	7.370	4.938	0.67	1.465	7.095	4.754	0.67	1.546	6.930	4.643	0.67	1.594	6.710	4.496	0.67	1.674
31	26	7.590	4.175	0.55	1.546	7.370	4.054	0.55	1.626	7.260	3.993	0.55	1.674	7.040	3.872	0.55	1.723
32	18	6.463	6.463	1.00	1.288	6.188	6.188	1.00	1.352	5.940	5.940	1.00	1.417	5.720	5.720	1.00	1.481
32	20	6.738	6.401	0.95	1.352	6.463	6.140	0.95	1.433	6.270	5.957	0.95	1.465	6.050	5.748	0.95	1.530
32	22	7.013	5.821	0.83	1.401	6.765	5.615	0.83	1.489	6.600	5.478	0.83	1.530	6.325	5.520	0.83	1.594
32	24	7.370	5.233	0.71	1.465	7.095	5.037	0.71	1.546	6.930	4.920	0.71	1.594	6.710	4.764	0.71	1.674
32	26	7.590	4.478	0.59	1.546	7.370	4.348	0.59	1.626	7.260	4.283	0.59	1.674	7.040	4.154	0.59	1.723

Note:

Note: Q : Capacity (W) SHC : Sensible Capacity (W) SHC : Sensible Capacity (W) SHC : Sensible Capacity (W) SHC : Sensible Capacity (W)
 INPUT : Total power input (kW) SHF : Sensible Heat Factor SHF : Sensible Heat Factor SHF : Sensible Heat Factor SHF : Sensible Heat Factor

COOLING CAPACITY
PLA-M50EA2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.390	3.396	0.63	1.578	4.950	3.119	0.63	1.674	4.565	2.876	0.63	1.739
21	20	5.665	2.889	0.51	1.642	5.280	2.693	0.51	1.723	4.895	2.496	0.51	1.819
22	18	5.390	3.611	0.67	1.578	4.950	3.317	0.67	1.674	4.565	3.059	0.67	1.739
22	20	5.665	3.116	0.55	1.642	5.280	2.904	0.55	1.723	4.895	2.692	0.55	1.819
22	22	5.995	2.578	0.43	1.707	5.610	2.412	0.43	1.803	5.225	2.247	0.43	1.868
23	18	5.390	3.827	0.71	1.578	4.950	3.515	0.71	1.674	4.565	3.241	0.71	1.739
23	20	5.665	3.342	0.59	1.642	5.280	3.115	0.59	1.723	4.895	2.888	0.59	1.819
23	22	5.995	2.818	0.47	1.707	5.610	2.637	0.47	1.803	5.225	2.456	0.47	1.868
24	18	5.390	4.043	0.75	1.578	4.950	3.713	0.75	1.674	4.565	3.424	0.75	1.739
24	20	5.665	3.569	0.63	1.642	5.280	3.326	0.63	1.723	4.895	3.084	0.63	1.819
24	22	5.995	3.057	0.51	1.707	5.610	2.861	0.51	1.803	5.225	2.665	0.51	1.868
24	24	6.325	2.467	0.39	1.771	5.940	2.317	0.39	1.852	5.610	2.188	0.39	1.932
25	20	5.665	3.796	0.67	1.642	5.280	3.538	0.67	1.723	4.895	3.280	0.67	1.819
25	22	5.995	3.297	0.55	1.707	5.610	3.086	0.55	1.803	5.225	2.874	0.55	1.868
25	24	6.325	2.720	0.43	1.771	5.940	2.554	0.43	1.852	5.610	2.412	0.43	1.932
26	18	5.390	4.474	0.83	1.578	4.950	4.109	0.83	1.674	4.565	3.789	0.83	1.739
26	20	5.665	4.022	0.71	1.642	5.280	3.749	0.71	1.723	4.895	3.475	0.71	1.819
26	22	5.995	3.537	0.59	1.707	5.610	3.310	0.59	1.803	5.225	3.083	0.59	1.868
26	24	6.325	2.973	0.47	1.771	5.940	2.792	0.47	1.852	5.610	2.637	0.47	1.932
26	26	6.655	2.329	0.35	1.835	6.270	2.195	0.35	1.916	5.885	2.060	0.35	1.996
27	18	5.390	4.689	0.87	1.578	4.950	4.307	0.87	1.674	4.565	3.972	0.87	1.739
27	20	5.665	4.249	0.75	1.642	5.280	3.960	0.75	1.723	4.895	3.671	0.75	1.819
27	22	5.995	3.777	0.63	1.707	5.610	3.534	0.63	1.803	5.225	3.292	0.63	1.868
27	24	6.325	3.226	0.51	1.771	5.940	3.029	0.51	1.852	5.610	2.861	0.51	1.932
27	26	6.655	2.595	0.39	1.835	6.270	2.445	0.39	1.916	5.885	2.295	0.39	1.996
28	18	5.390	4.905	0.91	1.578	4.950	4.505	0.91	1.674	4.565	4.154	0.91	1.739
28	20	5.665	4.475	0.79	1.642	5.280	4.171	0.79	1.723	4.895	3.867	0.79	1.819
28	22	5.995	4.017	0.67	1.707	5.610	3.759	0.67	1.803	5.225	3.501	0.67	1.868
28	24	6.325	3.479	0.55	1.771	5.940	3.267	0.55	1.852	5.610	3.086	0.55	1.932
28	26	6.655	2.862	0.43	1.835	6.270	2.696	0.43	1.916	5.885	2.531	0.43	1.996
29	18	5.390	5.121	0.95	1.578	4.950	4.703	0.95	1.674	4.565	4.337	0.95	1.739
29	20	5.665	4.702	0.83	1.642	5.280	4.382	0.83	1.723	4.895	4.063	0.83	1.819
29	22	5.995	4.256	0.71	1.707	5.610	3.983	0.71	1.803	5.225	3.710	0.71	1.868
29	24	6.325	3.732	0.59	1.771	5.940	3.505	0.59	1.852	5.610	3.310	0.59	1.932
29	26	6.655	3.128	0.47	1.835	6.270	2.947	0.47	1.916	5.885	2.766	0.47	1.996
30	18	5.390	5.336	0.99	1.578	4.950	4.901	0.99	1.674	4.565	4.519	0.99	1.739
30	20	5.665	4.929	0.87	1.642	5.280	4.594	0.87	1.723	4.895	4.259	0.87	1.819
30	22	5.995	4.496	0.75	1.707	5.610	4.208	0.75	1.803	5.225	3.919	0.75	1.868
30	24	6.325	3.985	0.63	1.771	5.940	3.742	0.63	1.852	5.610	3.534	0.63	1.932
30	26	6.655	3.394	0.51	1.835	6.270	3.198	0.51	1.916	5.885	3.001	0.51	1.996
31	18	5.390	5.390	1.00	1.578	4.950	4.950	1.00	1.674	4.565	4.565	1.00	1.739
31	20	5.665	5.155	0.91	1.642	5.280	4.805	0.91	1.723	4.895	4.454	0.91	1.819
31	22	5.995	4.736	0.79	1.707	5.610	4.432	0.79	1.803	5.225	4.128	0.79	1.868
31	24	6.325	4.238	0.67	1.771	5.940	3.980	0.67	1.852	5.610	3.759	0.67	1.932
31	26	6.655	3.660	0.55	1.835	6.270	3.449	0.55	1.916	5.885	3.237	0.55	1.996
32	18	5.390	5.390	1.00	1.578	4.950	4.950	1.00	1.674	4.565	4.565	1.00	1.739
32	20	5.665	5.382	0.95	1.642	5.280	5.016	0.95	1.723	4.895	4.650	0.95	1.819
32	22	5.995	4.976	0.83	1.707	5.610	4.656	0.83	1.803	5.225	4.337	0.83	1.868
32	24	6.325	4.491	0.71	1.771	5.940	4.217	0.71	1.852	5.610	3.983	0.71	1.932
32	26	6.655	3.926	0.59	1.835	6.270	3.699	0.59	1.916	5.885	3.472	0.59	1.996

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M60EA2 / SUZ-KA60VA6**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	3.885	0.58	1.408	6.413	3.720	0.58	1.478	6.156	3.570	0.58	1.549	5.928	3.438	0.58	1.619
21	20	6.983	3.212	0.46	1.478	6.698	3.081	0.46	1.566	6.498	2.989	0.46	1.602	6.270	2.884	0.46	1.672
22	18	6.698	4.153	0.62	1.408	6.413	3.976	0.62	1.478	6.156	3.817	0.62	1.549	5.928	3.675	0.62	1.619
22	20	6.983	3.492	0.50	1.478	6.698	3.349	0.50	1.566	6.498	3.249	0.50	1.602	6.270	3.135	0.50	1.672
22	22	7.268	2.762	0.38	1.531	7.011	2.664	0.38	1.628	6.840	2.599	0.38	1.672	6.555	2.491	0.38	1.742
23	18	6.698	4.421	0.66	1.408	6.413	4.233	0.66	1.478	6.156	4.063	0.66	1.549	5.928	3.912	0.66	1.619
23	20	6.983	3.771	0.54	1.478	6.698	3.617	0.54	1.566	6.498	3.509	0.54	1.602	6.270	3.386	0.54	1.672
23	22	7.268	3.053	0.42	1.531	7.011	2.945	0.42	1.628	6.840	2.873	0.42	1.672	6.555	2.753	0.42	1.742
24	18	6.698	4.689	0.70	1.408	6.413	4.489	0.70	1.478	6.156	4.309	0.70	1.549	5.928	4.150	0.70	1.619
24	20	6.983	4.050	0.58	1.478	6.698	3.885	0.58	1.566	6.498	3.769	0.58	1.602	6.270	3.637	0.58	1.672
24	22	7.268	3.343	0.46	1.531	7.011	3.225	0.46	1.628	6.840	3.146	0.46	1.672	6.555	3.015	0.46	1.742
24	24	7.638	2.597	0.34	1.602	7.353	2.500	0.34	1.690	7.182	2.442	0.34	1.742	6.954	2.364	0.34	1.830
25	20	6.983	4.329	0.62	1.478	6.698	4.153	0.62	1.566	6.498	4.029	0.62	1.602	6.270	3.887	0.62	1.672
25	22	7.268	3.634	0.50	1.531	7.011	3.506	0.50	1.628	6.840	3.420	0.50	1.672	6.555	3.278	0.50	1.742
25	24	7.638	2.902	0.38	1.602	7.353	2.794	0.38	1.690	7.182	2.729	0.38	1.742	6.954	2.643	0.38	1.830
26	18	6.698	5.224	0.78	1.408	6.413	5.002	0.78	1.478	6.156	4.802	0.78	1.549	5.928	4.624	0.78	1.619
26	20	6.983	4.609	0.66	1.478	6.698	4.421	0.66	1.566	6.498	4.289	0.66	1.602	6.270	4.138	0.66	1.672
26	22	7.268	3.925	0.54	1.531	7.011	3.786	0.54	1.628	6.840	3.694	0.54	1.672	6.555	3.540	0.54	1.742
26	24	7.638	3.208	0.42	1.602	7.353	3.088	0.42	1.690	7.182	3.016	0.42	1.742	6.954	2.921	0.42	1.830
26	26	7.866	2.360	0.30	1.690	7.638	2.291	0.30	1.778	7.524	2.257	0.30	1.830	7.296	2.189	0.30	1.883
27	18	6.698	5.492	0.82	1.408	6.413	5.259	0.82	1.478	6.156	5.048	0.82	1.549	5.928	4.861	0.82	1.619
27	20	6.983	4.888	0.70	1.478	6.698	4.689	0.70	1.566	6.498	4.549	0.70	1.602	6.270	4.389	0.70	1.672
27	22	7.268	4.215	0.58	1.531	7.011	4.066	0.58	1.628	6.840	3.967	0.58	1.672	6.555	3.802	0.58	1.742
27	24	7.638	3.513	0.46	1.602	7.353	3.382	0.46	1.690	7.182	3.304	0.46	1.742	6.954	3.199	0.46	1.830
27	26	7.866	2.674	0.34	1.690	7.638	2.597	0.34	1.778	7.524	2.558	0.34	1.830	7.296	2.481	0.34	1.883
28	18	6.698	5.760	0.86	1.408	6.413	5.515	0.86	1.478	6.156	5.294	0.86	1.549	5.928	5.098	0.86	1.619
28	20	6.983	5.167	0.74	1.478	6.698	4.957	0.74	1.566	6.498	4.809	0.74	1.602	6.270	4.640	0.74	1.672
28	22	7.268	4.506	0.62	1.531	7.011	4.347	0.62	1.628	6.840	4.241	0.62	1.672	6.555	4.064	0.62	1.742
28	24	7.638	3.819	0.50	1.602	7.353	3.677	0.50	1.690	7.182	3.591	0.50	1.742	6.954	3.477	0.50	1.830
28	26	7.866	2.989	0.38	1.690	7.638	2.902	0.38	1.778	7.524	2.859	0.38	1.830	7.296	2.772	0.38	1.883
29	18	6.698	6.028	0.90	1.408	6.413	5.772	0.90	1.478	6.156	5.540	0.90	1.549	5.928	5.335	0.90	1.619
29	20	6.983	5.447	0.78	1.478	6.698	5.224	0.78	1.566	6.498	5.068	0.78	1.602	6.270	4.891	0.78	1.672
29	22	7.268	4.797	0.66	1.531	7.011	4.627	0.66	1.628	6.840	4.514	0.66	1.672	6.555	4.326	0.66	1.742
29	24	7.638	4.125	0.54	1.602	7.353	3.971	0.54	1.690	7.182	3.878	0.54	1.742	6.954	3.755	0.54	1.830
29	26	7.866	3.304	0.42	1.690	7.638	3.208	0.42	1.778	7.524	3.160	0.42	1.830	7.296	3.064	0.42	1.883
30	18	6.698	6.296	0.94	1.408	6.413	6.028	0.94	1.478	6.156	5.787	0.94	1.549	5.928	5.572	0.94	1.619
30	20	6.983	5.726	0.82	1.478	6.698	5.492	0.82	1.566	6.498	5.328	0.82	1.602	6.270	5.141	0.82	1.672
30	22	7.268	5.088	0.70	1.531	7.011	4.908	0.70	1.628	6.840	4.788	0.70	1.672	6.555	4.589	0.70	1.742
30	24	7.638	4.430	0.58	1.602	7.353	4.265	0.58	1.690	7.182	4.166	0.58	1.742	6.954	4.033	0.58	1.830
30	26	7.866	3.618	0.46	1.690	7.638	3.513	0.46	1.778	7.524	3.461	0.46	1.830	7.296	3.356	0.46	1.883
31	18	6.698	6.564	0.98	1.408	6.413	6.285	0.98	1.478	6.156	6.033	0.98	1.549	5.928	5.809	0.98	1.619
31	20	6.983	6.005	0.86	1.478	6.698	5.760	0.86	1.566	6.498	5.588	0.86	1.602	6.270	5.392	0.86	1.672
31	22	7.268	5.378	0.74	1.531	7.011	5.188	0.74	1.628	6.840	5.062	0.74	1.672	6.555	4.851	0.74	1.742
31	24	7.638	4.736	0.62	1.602	7.353	4.559	0.62	1.690	7.182	4.453	0.62	1.742	6.954	4.311	0.62	1.830
31	26	7.866	3.933	0.50	1.690	7.638	3.819	0.50	1.778	7.524	3.762	0.50	1.830	7.296	3.648	0.50	1.883
32	18	6.698	6.698	1.00	1.408	6.413	6.413	1.00	1.478	6.156	6.156	1.00	1.549	5.928	5.928	1.00	1.619
32	20	6.983	6.285	0.90	1.478	6.698	6.028	0.90	1.566	6.498	5.848	0.90	1.602	6.270	5.643	0.90	1.672
32	22	7.268	5.669	0.78	1.531	7.011	5.469	0.78	1.628	6.840	5.335	0.78	1.672	6.555	5.113	0.78	1.742
32	24	7.638	5.041	0.66	1.602	7.353	4.853	0.66	1.690	7.182	4.740	0.66	1.742	6.954	4.590	0.66	1.830
32	26	7.866	4.248	0.54	1.690	7.638	4.125	0.54	1.778	7.524	4.063	0.54	1.830	7.296	3.940	0.54	1.883

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M60EA2 / SUZ-KA60VA6**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	3.240	0.58	1.725	5.130	2.975	0.58	1.830	4.731	2.744	0.58	1.901
21	20	5.871	2.701	0.46	1.795	5.472	2.517	0.46	1.883	5.073	2.334	0.46	1.989
22	18	5.586	3.463	0.62	1.725	5.130	3.181	0.62	1.830	4.731	2.933	0.62	1.901
22	20	5.871	2.936	0.50	1.795	5.472	2.736	0.50	1.883	5.073	2.537	0.50	1.989
22	22	6.213	2.361	0.38	1.866	5.814	2.209	0.38	1.971	5.415	2.058	0.38	2.042
23	18	5.586	3.687	0.66	1.725	5.130	3.386	0.66	1.830	4.731	3.122	0.66	1.901
23	20	5.871	3.170	0.54	1.795	5.472	2.955	0.54	1.883	5.073	2.739	0.54	1.989
23	22	6.213	2.609	0.42	1.866	5.814	2.442	0.42	1.971	5.415	2.274	0.42	2.042
24	18	5.586	3.910	0.70	1.725	5.130	3.591	0.70	1.830	4.731	3.312	0.70	1.901
24	20	5.871	3.405	0.58	1.795	5.472	3.174	0.58	1.883	5.073	2.942	0.58	1.989
24	22	6.213	2.858	0.46	1.866	5.814	2.674	0.46	1.971	5.415	2.491	0.46	2.042
24	24	6.555	2.229	0.34	1.936	6.156	2.093	0.34	2.024	5.814	1.977	0.34	2.112
25	20	5.871	3.640	0.62	1.795	5.472	3.393	0.62	1.883	5.073	3.145	0.62	1.989
25	22	6.213	3.107	0.50	1.866	5.814	2.907	0.50	1.971	5.415	2.708	0.50	2.042
25	24	6.555	2.491	0.38	1.936	6.156	2.339	0.38	2.024	5.814	2.209	0.38	2.112
26	18	5.586	4.357	0.78	1.725	5.130	4.001	0.78	1.830	4.731	3.690	0.78	1.901
26	20	5.871	3.875	0.66	1.795	5.472	3.612	0.66	1.883	5.073	3.348	0.66	1.989
26	22	6.213	3.355	0.54	1.866	5.814	3.140	0.54	1.971	5.415	2.924	0.54	2.042
26	24	6.555	2.753	0.42	1.936	6.156	2.586	0.42	2.024	5.814	2.442	0.42	2.112
26	26	6.897	2.069	0.30	2.006	6.498	1.949	0.30	2.094	6.099	1.830	0.30	2.182
27	18	5.586	4.581	0.82	1.725	5.130	4.207	0.82	1.830	4.731	3.879	0.82	1.901
27	20	5.871	4.110	0.70	1.795	5.472	3.830	0.70	1.883	5.073	3.551	0.70	1.989
27	22	6.213	3.604	0.58	1.866	5.814	3.372	0.58	1.971	5.415	3.141	0.58	2.042
27	24	6.555	3.015	0.46	1.936	6.156	2.832	0.46	2.024	5.814	2.674	0.46	2.112
27	26	6.897	2.345	0.34	2.006	6.498	2.209	0.34	2.094	6.099	2.074	0.34	2.182
28	18	5.586	4.804	0.86	1.725	5.130	4.412	0.86	1.830	4.731	4.069	0.86	1.901
28	20	5.871	4.345	0.74	1.795	5.472	4.049	0.74	1.883	5.073	3.754	0.74	1.989
28	22	6.213	3.852	0.62	1.866	5.814	3.605	0.62	1.971	5.415	3.357	0.62	2.042
28	24	6.555	3.278	0.50	1.936	6.156	3.078	0.50	2.024	5.814	2.907	0.50	2.112
28	26	6.897	2.621	0.38	2.006	6.498	2.469	0.38	2.094	6.099	2.318	0.38	2.182
29	18	5.586	5.027	0.90	1.725	5.130	4.617	0.90	1.830	4.731	4.258	0.90	1.901
29	20	5.871	4.579	0.78	1.795	5.472	4.268	0.78	1.883	5.073	3.957	0.78	1.989
29	22	6.213	4.101	0.66	1.866	5.814	3.837	0.66	1.971	5.415	3.574	0.66	2.042
29	24	6.555	3.540	0.54	1.936	6.156	3.324	0.54	2.024	5.814	3.140	0.54	2.112
29	26	6.897	2.897	0.42	2.006	6.498	2.729	0.42	2.094	6.099	2.562	0.42	2.182
30	18	5.586	5.251	0.94	1.725	5.130	4.822	0.94	1.830	4.731	4.447	0.94	1.901
30	20	5.871	4.814	0.82	1.795	5.472	4.487	0.82	1.883	5.073	4.160	0.82	1.989
30	22	6.213	4.349	0.70	1.866	5.814	4.070	0.70	1.971	5.415	3.791	0.70	2.042
30	24	6.555	3.802	0.58	1.936	6.156	3.570	0.58	2.024	5.814	3.372	0.58	2.112
30	26	6.897	3.173	0.46	2.006	6.498	2.989	0.46	2.094	6.099	2.806	0.46	2.182
31	18	5.586	5.474	0.98	1.725	5.130	5.027	0.98	1.830	4.731	4.636	0.98	1.901
31	20	5.871	5.049	0.86	1.795	5.472	4.706	0.86	1.883	5.073	4.363	0.86	1.989
31	22	6.213	4.598	0.74	1.866	5.814	4.302	0.74	1.971	5.415	4.007	0.74	2.042
31	24	6.555	4.064	0.62	1.936	6.156	3.817	0.62	2.024	5.814	3.605	0.62	2.112
31	26	6.897	3.449	0.50	2.006	6.498	3.249	0.50	2.094	6.099	3.050	0.50	2.182
32	18	5.586	5.586	1.00	1.725	5.130	5.130	1.00	1.830	4.731	4.731	1.00	1.901
32	20	5.871	5.284	0.90	1.795	5.472	4.925	0.90	1.883	5.073	4.566	0.90	1.989
32	22	6.213	4.846	0.78	1.866	5.814	4.535	0.78	1.971	5.415	4.224	0.78	2.042
32	24	6.555	4.326	0.66	1.936	6.156	4.063	0.66	2.024	5.814	3.837	0.66	2.112
32	26	6.897	3.724	0.54	2.006	6.498	3.509	0.54	2.094	6.099	3.293	0.54	2.182

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-M71EA2 / SUZ-KA71VA6**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.589	0.55	1.680	7.988	4.393	0.55	1.764	7.668	4.217	0.55	1.848	7.384	4.061	0.55	1.932
21	20	8.698	3.740	0.43	1.764	8.343	3.587	0.43	1.869	8.094	3.480	0.43	1.911	7.810	3.358	0.43	1.995
22	18	8.343	4.922	0.59	1.680	7.988	4.713	0.59	1.764	7.668	4.524	0.59	1.848	7.384	4.357	0.59	1.932
22	20	8.698	4.088	0.47	1.764	8.343	3.921	0.47	1.869	8.094	3.804	0.47	1.911	7.810	3.671	0.47	1.995
22	22	9.053	3.169	0.35	1.827	8.733	3.057	0.35	1.943	8.520	2.982	0.35	1.995	8.165	2.858	0.35	2.079
23	18	8.343	5.256	0.63	1.680	7.988	5.032	0.63	1.764	7.668	4.831	0.63	1.848	7.384	4.652	0.63	1.932
23	20	8.698	4.436	0.51	1.764	8.343	4.255	0.51	1.869	8.094	4.128	0.51	1.911	7.810	3.983	0.51	1.995
23	22	9.053	3.531	0.39	1.827	8.733	3.406	0.39	1.943	8.520	3.323	0.39	1.995	8.165	3.184	0.39	2.079
24	18	8.343	5.590	0.67	1.680	7.988	5.352	0.67	1.764	7.668	5.138	0.67	1.848	7.384	4.947	0.67	1.932
24	20	8.698	4.784	0.55	1.764	8.343	4.589	0.55	1.869	8.094	4.452	0.55	1.911	7.810	4.296	0.55	1.995
24	22	9.053	3.893	0.43	1.827	8.733	3.755	0.43	1.943	8.520	3.664	0.43	1.995	8.165	3.511	0.43	2.079
24	24	9.514	2.949	0.31	1.911	9.159	2.839	0.31	2.016	8.946	2.773	0.31	2.079	8.662	2.685	0.31	2.184
25	20	8.698	5.132	0.59	1.764	8.343	4.922	0.59	1.869	8.094	4.775	0.59	1.911	7.810	4.608	0.59	1.995
25	22	9.053	4.255	0.47	1.827	8.733	4.105	0.47	1.943	8.520	4.004	0.47	1.995	8.165	3.838	0.47	2.079
25	24	9.514	3.330	0.35	1.911	9.159	3.206	0.35	2.016	8.946	3.131	0.35	2.079	8.662	3.032	0.35	2.184
26	18	8.343	6.257	0.75	1.680	7.988	5.991	0.75	1.764	7.668	5.751	0.75	1.848	7.384	5.538	0.75	1.932
26	20	8.698	5.480	0.63	1.764	8.343	5.256	0.63	1.869	8.094	5.099	0.63	1.911	7.810	4.920	0.63	1.995
26	22	9.053	4.617	0.51	1.827	8.733	4.454	0.51	1.943	8.520	4.345	0.51	1.995	8.165	4.164	0.51	2.079
26	24	9.514	3.710	0.39	1.911	9.159	3.572	0.39	2.016	8.946	3.489	0.39	2.079	8.662	3.378	0.39	2.184
26	26	9.798	2.645	0.27	2.016	9.514	2.569	0.27	2.121	9.372	2.530	0.27	2.184	9.088	2.454	0.27	2.247
27	18	8.343	6.591	0.79	1.680	7.988	6.311	0.79	1.764	7.668	6.058	0.79	1.848	7.384	5.833	0.79	1.932
27	20	8.698	5.828	0.67	1.764	8.343	5.590	0.67	1.869	8.094	5.423	0.67	1.911	7.810	5.233	0.67	1.995
27	22	9.053	4.979	0.55	1.827	8.733	4.803	0.55	1.943	8.520	4.686	0.55	1.995	8.165	4.491	0.55	2.079
27	24	9.514	4.091	0.43	1.911	9.159	3.938	0.43	2.016	8.946	3.847	0.43	2.079	8.662	3.725	0.43	2.184
27	26	9.798	3.037	0.31	2.016	9.514	2.949	0.31	2.121	9.372	2.905	0.31	2.184	9.088	2.817	0.31	2.247
28	18	8.343	6.925	0.83	1.680	7.988	6.630	0.83	1.764	7.668	6.364	0.83	1.848	7.384	6.129	0.83	1.932
28	20	8.698	6.176	0.71	1.764	8.343	5.924	0.71	1.869	8.094	5.747	0.71	1.911	7.810	5.545	0.71	1.995
28	22	9.053	5.341	0.59	1.827	8.733	5.152	0.59	1.943	8.520	5.027	0.59	1.995	8.165	4.817	0.59	2.079
28	24	9.514	4.472	0.47	1.911	9.159	4.305	0.47	2.016	8.946	4.205	0.47	2.079	8.662	4.071	0.47	2.184
28	26	9.798	3.429	0.35	2.016	9.514	3.330	0.35	2.121	9.372	3.280	0.35	2.184	9.088	3.181	0.35	2.247
29	18	8.343	7.258	0.87	1.680	7.988	6.950	0.87	1.764	7.668	6.671	0.87	1.848	7.384	6.424	0.87	1.932
29	20	8.698	6.524	0.75	1.764	8.343	6.257	0.75	1.869	8.094	6.071	0.75	1.911	7.810	5.858	0.75	1.995
29	22	9.053	5.703	0.63	1.827	8.733	5.502	0.63	1.943	8.520	5.368	0.63	1.995	8.165	5.144	0.63	2.079
29	24	9.514	4.852	0.51	1.911	9.159	4.671	0.51	2.016	8.946	4.562	0.51	2.079	8.662	4.418	0.51	2.184
29	26	9.798	3.821	0.39	2.016	9.514	3.710	0.39	2.121	9.372	3.655	0.39	2.184	9.088	3.544	0.39	2.247
30	18	8.343	7.592	0.91	1.680	7.988	7.269	0.91	1.764	7.668	6.978	0.91	1.848	7.384	6.719	0.91	1.932
30	20	8.698	6.871	0.79	1.764	8.343	6.591	0.79	1.869	8.094	6.394	0.79	1.911	7.810	6.170	0.79	1.995
30	22	9.053	6.066	0.67	1.827	8.733	5.851	0.67	1.943	8.520	5.708	0.67	1.995	8.165	5.471	0.67	2.079
30	24	9.514	5.233	0.55	1.911	9.159	5.037	0.55	2.016	8.946	4.920	0.55	2.079	8.662	4.764	0.55	2.184
30	26	9.798	4.213	0.43	2.016	9.514	4.091	0.43	2.121	9.372	4.030	0.43	2.184	9.088	3.908	0.43	2.247
31	18	8.343	7.926	0.95	1.680	7.988	7.589	0.95	1.764	7.668	7.285	0.95	1.848	7.384	7.015	0.95	1.932
31	20	8.698	7.219	0.83	1.764	8.343	6.925	0.83	1.869	8.094	6.718	0.83	1.911	7.810	6.482	0.83	1.995
31	22	9.053	6.428	0.71	1.827	8.733	6.200	0.71	1.943	8.520	6.049	0.71	1.995	8.165	5.797	0.71	2.079
31	24	9.514	5.613	0.59	1.911	9.159	5.404	0.59	2.016	8.946	5.278	0.59	2.079	8.662	5.111	0.59	2.184
31	26	9.798	4.605	0.47	2.016	9.514	4.472	0.47	2.121	9.372	4.405	0.47	2.184	9.088	4.271	0.47	2.247
32	18	8.343	8.260	0.99	1.680	7.988	7.908	0.99	1.764	7.668	7.591	0.99	1.848	7.384	7.310	0.99	1.932
32	20	8.698	7.567	0.87	1.764	8.343	7.258	0.87	1.869	8.094	7.042	0.87	1.911	7.810	6.795	0.87	1.995
32	22	9.053	6.790	0.75	1.827	8.733	6.550	0.75	1.943	8.520	6.390	0.75	1.995	8.165	6.124	0.75	2.079
32	24	9.514	5.994	0.63	1.911	9.159	5.770	0.63	2.016	8.946	5.636	0.63	2.079	8.662	5.457	0.63	2.184
32	26	9.798	4.997	0.51	2.016	9.514	4.852	0.51	2.121	9.372	4.780	0.51	2.184	9.088	4.635	0.51	2.247

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M71EA2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	3.827	0.55	2.058	6.390	3.515	0.55	2.184	5.893	3.241	0.55	2.268
21	20	7.313	3.145	0.43	2.142	6.816	2.931	0.43	2.247	6.319	2.717	0.43	2.373
22	18	6.958	4.105	0.59	2.058	6.390	3.770	0.59	2.184	5.893	3.477	0.59	2.268
22	20	7.313	3.437	0.47	2.142	6.816	3.204	0.47	2.247	6.319	2.970	0.47	2.373
22	22	7.739	2.709	0.35	2.226	7.242	2.535	0.35	2.352	6.745	2.361	0.35	2.436
23	18	6.958	4.384	0.63	2.058	6.390	4.026	0.63	2.184	5.893	3.713	0.63	2.268
23	20	7.313	3.730	0.51	2.142	6.816	3.476	0.51	2.247	6.319	3.223	0.51	2.373
23	22	7.739	3.018	0.39	2.226	7.242	2.824	0.39	2.352	6.745	2.631	0.39	2.436
24	18	6.958	4.662	0.67	2.058	6.390	4.281	0.67	2.184	5.893	3.948	0.67	2.268
24	20	7.313	4.022	0.55	2.142	6.816	3.749	0.55	2.247	6.319	3.475	0.55	2.373
24	22	7.739	3.328	0.43	2.226	7.242	3.114	0.43	2.352	6.745	2.900	0.43	2.436
24	24	8.165	2.531	0.31	2.310	7.668	2.377	0.31	2.415	7.242	2.245	0.31	2.520
25	20	7.313	4.315	0.59	2.142	6.816	4.021	0.59	2.247	6.319	3.728	0.59	2.373
25	22	7.739	3.637	0.47	2.226	7.242	3.404	0.47	2.352	6.745	3.170	0.47	2.436
25	24	8.165	2.858	0.35	2.310	7.668	2.684	0.35	2.415	7.242	2.535	0.35	2.520
26	18	6.958	5.219	0.75	2.058	6.390	4.793	0.75	2.184	5.893	4.420	0.75	2.268
26	20	7.313	4.607	0.63	2.142	6.816	4.294	0.63	2.247	6.319	3.981	0.63	2.373
26	22	7.739	3.947	0.51	2.226	7.242	3.693	0.51	2.352	6.745	3.440	0.51	2.436
26	24	8.165	3.184	0.39	2.310	7.668	2.991	0.39	2.415	7.242	2.824	0.39	2.520
26	26	8.591	2.320	0.27	2.394	8.094	2.185	0.27	2.499	7.597	2.051	0.27	2.604
27	18	6.958	5.497	0.79	2.058	6.390	5.048	0.79	2.184	5.893	4.655	0.79	2.268
27	20	7.313	4.900	0.67	2.142	6.816	4.567	0.67	2.247	6.319	4.234	0.67	2.373
27	22	7.739	4.256	0.55	2.226	7.242	3.983	0.55	2.352	6.745	3.710	0.55	2.436
27	24	8.165	3.511	0.43	2.310	7.668	3.297	0.43	2.415	7.242	3.114	0.43	2.520
27	26	8.591	2.663	0.31	2.394	8.094	2.509	0.31	2.499	7.597	2.355	0.31	2.604
28	18	6.958	5.775	0.83	2.058	6.390	5.304	0.83	2.184	5.893	4.891	0.83	2.268
28	20	7.313	5.192	0.71	2.142	6.816	4.839	0.71	2.247	6.319	4.486	0.71	2.373
28	22	7.739	4.566	0.59	2.226	7.242	4.273	0.59	2.352	6.745	3.980	0.59	2.436
28	24	8.165	3.838	0.47	2.310	7.668	3.604	0.47	2.415	7.242	3.404	0.47	2.520
28	26	8.591	3.007	0.35	2.394	8.094	2.833	0.35	2.499	7.597	2.659	0.35	2.604
29	18	6.958	6.053	0.87	2.058	6.390	5.559	0.87	2.184	5.893	5.127	0.87	2.268
29	20	7.313	5.485	0.75	2.142	6.816	5.112	0.75	2.247	6.319	4.739	0.75	2.373
29	22	7.739	4.876	0.63	2.226	7.242	4.562	0.63	2.352	6.745	4.249	0.63	2.436
29	24	8.165	4.164	0.51	2.310	7.668	3.911	0.51	2.415	7.242	3.693	0.51	2.520
29	26	8.591	3.350	0.39	2.394	8.094	3.157	0.39	2.499	7.597	2.963	0.39	2.604
30	18	6.958	6.332	0.91	2.058	6.390	5.815	0.91	2.184	5.893	5.363	0.91	2.268
30	20	7.313	5.777	0.79	2.142	6.816	5.385	0.79	2.247	6.319	4.992	0.79	2.373
30	22	7.739	5.185	0.67	2.226	7.242	4.852	0.67	2.352	6.745	4.519	0.67	2.436
30	24	8.165	4.491	0.55	2.310	7.668	4.217	0.55	2.415	7.242	3.983	0.55	2.520
30	26	8.591	3.694	0.43	2.394	8.094	3.480	0.43	2.499	7.597	3.267	0.43	2.604
31	18	6.958	6.610	0.95	2.058	6.390	6.071	0.95	2.184	5.893	5.598	0.95	2.268
31	20	7.313	6.070	0.83	2.142	6.816	5.657	0.83	2.247	6.319	5.245	0.83	2.373
31	22	7.739	5.495	0.71	2.226	7.242	5.142	0.71	2.352	6.745	4.789	0.71	2.436
31	24	8.165	4.817	0.59	2.310	7.668	4.524	0.59	2.415	7.242	4.273	0.59	2.520
31	26	8.591	4.038	0.47	2.394	8.094	3.804	0.47	2.499	7.597	3.571	0.47	2.604
32	18	6.958	6.888	0.99	2.058	6.390	6.326	0.99	2.184	5.893	5.834	0.99	2.268
32	20	7.313	6.362	0.87	2.142	6.816	5.930	0.87	2.247	6.319	5.498	0.87	2.373
32	22	7.739	5.804	0.75	2.226	7.242	5.432	0.75	2.352	6.745	5.059	0.75	2.436
32	24	8.165	5.144	0.63	2.310	7.668	4.831	0.63	2.415	7.242	4.562	0.63	2.520
32	26	8.591	4.381	0.51	2.394	8.094	4.128	0.51	2.499	7.597	3.874	0.51	2.604

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M100EA2 / PUHZ-P100VKA PUHZ-P100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.235	0.67	2.549	9.024	6.046	0.67	2.692	8.742	5.857	0.67	2.851
20	18	9.964	5.480	0.55	2.597	9.682	5.325	0.55	2.740	9.353	5.144	0.55	2.931
20	20	10.716	4.608	0.43	2.676	10.481	4.507	0.43	2.804	10.199	4.386	0.43	2.995
22	16	9.306	6.980	0.75	2.549	9.024	6.768	0.75	2.692	8.742	6.557	0.75	2.851
22	18	9.964	6.277	0.63	2.597	9.682	6.100	0.63	2.740	9.353	5.892	0.63	2.931
22	20	10.716	5.465	0.51	2.676	10.481	5.345	0.51	2.804	10.199	5.201	0.51	2.995
24	16	9.306	7.724	0.83	2.549	9.024	7.490	0.83	2.692	8.742	7.256	0.83	2.851
24	18	9.964	7.074	0.71	2.597	9.682	6.874	0.71	2.740	9.353	6.641	0.71	2.931
24	20	10.716	6.322	0.59	2.676	10.481	6.184	0.59	2.804	10.199	6.017	0.59	2.995
24	22	11.421	5.368	0.47	2.740	11.186	5.257	0.47	2.899	10.904	5.125	0.47	3.090
26	16	9.306	8.468	0.91	2.549	9.024	8.212	0.91	2.692	8.742	7.955	0.91	2.851
26	18	9.964	7.872	0.79	2.597	9.682	7.649	0.79	2.740	9.353	7.389	0.79	2.931
26	20	10.716	7.180	0.67	2.676	10.481	7.022	0.67	2.804	10.199	6.833	0.67	2.995
26	22	11.421	6.282	0.55	2.740	11.186	6.152	0.55	2.899	10.904	5.997	0.55	3.090
27	16	9.306	8.841	0.95	2.549	9.024	8.573	0.95	2.692	8.742	8.305	0.95	2.851
27	18	9.964	8.270	0.83	2.597	9.682	8.036	0.83	2.740	9.353	7.763	0.83	2.931
27	20	10.716	7.608	0.71	2.676	10.481	7.442	0.71	2.804	10.199	7.241	0.71	2.995
27	22	11.421	6.738	0.59	2.740	11.186	6.600	0.59	2.899	10.904	6.433	0.59	3.090
28	16	9.306	9.213	0.99	2.549	9.024	8.934	0.99	2.692	8.742	8.655	0.99	2.851
28	18	9.964	8.669	0.87	2.597	9.682	8.423	0.87	2.740	9.353	8.137	0.87	2.931
28	20	10.716	8.037	0.75	2.676	10.481	7.861	0.75	2.804	10.199	7.649	0.75	2.995
28	22	11.421	7.195	0.63	2.740	11.186	7.047	0.63	2.899	10.904	6.870	0.63	3.090
30	16	9.306	9.306	1.00	2.549	9.024	9.024	1.00	2.692	8.742	8.742	1.00	2.851
30	18	9.964	9.466	0.95	2.597	9.682	9.198	0.95	2.740	9.353	8.885	0.95	2.931
30	20	10.716	8.894	0.83	2.676	10.481	8.699	0.83	2.804	10.199	8.465	0.83	2.995
30	22	11.421	8.109	0.71	2.740	11.186	7.942	0.71	2.899	10.904	7.742	0.71	3.090
32	16	9.306	9.306	1.00	2.549	9.024	9.024	1.00	2.692	8.742	8.742	1.00	2.851
32	18	9.964	9.964	1.00	2.597	9.682	9.682	1.00	2.740	9.353	9.353	1.00	2.931
32	20	10.716	9.752	0.91	2.676	10.481	9.538	0.91	2.804	10.199	9.281	0.91	2.995
32	22	11.421	9.023	0.79	2.740	11.186	8.837	0.79	2.899	10.904	8.614	0.79	3.090
34	16	9.306	9.306	1.00	2.549	9.024	9.024	1.00	2.692	8.742	8.742	1.00	2.851
34	18	9.964	9.964	1.00	2.597	9.682	9.682	1.00	2.740	9.353	9.353	1.00	2.931
34	20	10.716	10.609	0.99	2.676	10.481	10.376	0.99	2.804	10.199	10.097	0.99	2.995
34	22	11.421	9.936	0.87	2.740	11.186	9.732	0.87	2.899	10.904	9.486	0.87	3.090

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.605	0.67	3.059	7.990	5.353	0.67	3.282	7.614	5.101	0.67	3.552
20	18	9.024	4.963	0.55	3.138	8.742	4.808	0.55	3.377	8.178	4.498	0.55	3.632
20	20	9.776	4.204	0.43	3.218	9.400	4.042	0.43	3.441	8.836	3.799	0.43	3.696
22	16	8.366	6.275	0.75	3.059	7.990	5.993	0.75	3.282	7.614	5.711	0.75	3.552
22	18	9.024	5.685	0.63	3.138	8.742	5.507	0.63	3.377	8.178	5.152	0.63	3.632
22	20	9.776	4.986	0.51	3.218	9.400	4.794	0.51	3.441	8.836	4.506	0.51	3.696
24	16	8.366	6.944	0.83	3.059	7.990	6.632	0.83	3.282	7.614	6.320	0.83	3.552
24	18	9.024	6.407	0.71	3.138	8.742	6.207	0.71	3.377	8.178	5.806	0.71	3.632
24	20	9.776	5.768	0.59	3.218	9.400	5.546	0.59	3.441	8.836	5.213	0.59	3.696
24	22	10.528	4.948	0.47	3.282	10.152	4.771	0.47	3.536	9.588	4.506	0.47	3.759
26	16	8.366	7.613	0.91	3.059	7.990	7.271	0.91	3.282	7.614	6.929	0.91	3.552
26	18	9.024	7.129	0.79	3.138	8.742	6.906	0.79	3.377	8.178	6.461	0.79	3.632
26	20	9.776	6.550	0.67	3.218	9.400	6.298	0.67	3.441	8.836	5.920	0.67	3.696
26	22	10.528	5.790	0.55	3.282	10.152	5.584	0.55	3.536	9.588	5.273	0.55	3.759
27	16	8.366	7.948	0.95	3.059	7.990	7.591	0.95	3.282	7.614	7.233	0.95	3.552
27	18	9.024	7.490	0.83	3.138	8.742	7.256	0.83	3.377	8.178	6.788	0.83	3.632
27	20	9.776	6.941	0.71	3.218	9.400	6.674	0.71	3.441	8.836	6.274	0.71	3.696
27	22	10.528	6.212	0.59	3.282	10.152	5.990	0.59	3.536	9.588	5.657	0.59	3.759
28	16	8.366	8.282	0.99	3.059	7.990	7.910	0.99	3.282	7.614	7.538	0.99	3.552
28	18	9.024	7.851	0.87	3.138	8.742	7.606	0.87	3.377	8.178	7.115	0.87	3.632
28	20	9.776	7.332	0.75	3.218	9.400	7.050	0.75	3.441	8.836	6.627	0.75	3.696
28	22	10.528	6.633	0.63	3.282	10.152	6.396	0.63	3.536	9.588	6.040	0.63	3.759
30	16	8.366	8.366	1.00	3.059	7.990	7.990	1.00	3.282	7.614	7.614	1.00	3.552
30	18	9.024	8.573	0.95	3.138	8.742	8.305	0.95	3.377	8.178	7.769	0.95	3.632
30	20	9.776	8.114	0.83	3.218	9.400	7.802	0.83	3.441	8.836	7.334	0.83	3.696
30	22	10.528	7.475	0.71	3.282	10.152	7.208	0.71	3.536	9.588	6.807	0.71	3.759
32	16	8.366	8.366	1.00	3.059	7.990	7.990	1.00	3.282	7.614	7.614	1.00	3.552
32	18	9.024	9.024	1.00	3.138	8.742	8.742	1.00	3.377	8.178	8.178	1.00	3.632
32	20	9.776	8.896	0.91	3.218	9.400	8.542	0.91	3.441	8.836	8.041	0.91	3.696
32	22	10.528	8.317	0.79	3.282	10.152	8.020	0.79	3.536	9.588	7.575	0.79	3.759
34	16	8.366	8.366	1.00	3.059	7.990	7.990	1.00	3.282	7.614	7.614	1.00	3.552
34	18	9.024	9.024	1.00	3.138	8.742	8.742	1.00	3.377	8.178	8.178	1.00	3.632
34	20	9.776	9.678	0.99	3.218	9.400	9.306	0.99	3.441	8.836	8.748	0.99	3.696
34	22	10.528	9.159	0.87	3.282	10.152	8.832	0.87	3.536	9.588	8.342	0.87	3.759

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M125EA2 / PUHZ-P125VKA PUHZ-P125YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.547	0.63	3.281	11.616	7.318	0.63	3.465	11.253	7.089	0.63	3.670
20	18	12.826	6.541	0.51	3.342	12.463	6.356	0.51	3.527	12.040	6.140	0.51	3.773
20	20	13.794	5.380	0.39	3.445	13.492	5.262	0.39	3.609	13.129	5.120	0.39	3.855
22	16	11.979	8.505	0.71	3.281	11.616	8.247	0.71	3.465	11.253	7.990	0.71	3.670
22	18	12.826	7.567	0.59	3.342	12.463	7.353	0.59	3.527	12.040	7.104	0.59	3.773
22	20	13.794	6.483	0.47	3.445	13.492	6.341	0.47	3.609	13.129	6.171	0.47	3.855
24	16	11.979	9.463	0.79	3.281	11.616	9.177	0.79	3.465	11.253	8.890	0.79	3.670
24	18	12.826	8.593	0.67	3.342	12.463	8.350	0.67	3.527	12.040	8.067	0.67	3.773
24	20	13.794	7.587	0.55	3.445	13.492	7.421	0.55	3.609	13.129	7.221	0.55	3.855
24	22	14.702	6.322	0.43	3.527	14.399	6.192	0.43	3.732	14.036	6.035	0.43	3.978
26	16	11.979	10.422	0.87	3.281	11.616	10.106	0.87	3.465	11.253	9.790	0.87	3.670
26	18	12.826	9.620	0.75	3.342	12.463	9.347	0.75	3.527	12.040	9.030	0.75	3.773
26	20	13.794	8.690	0.63	3.445	13.492	8.500	0.63	3.609	13.129	8.271	0.63	3.855
26	22	14.702	7.498	0.51	3.527	14.399	7.343	0.51	3.732	14.036	7.158	0.51	3.978
27	16	11.979	10.901	0.91	3.281	11.616	10.571	0.91	3.465	11.253	10.240	0.91	3.670
27	18	12.826	10.133	0.79	3.342	12.463	9.846	0.79	3.527	12.040	9.512	0.79	3.773
27	20	13.794	9.242	0.67	3.445	13.492	9.040	0.67	3.609	13.129	8.796	0.67	3.855
27	22	14.702	8.086	0.55	3.527	14.399	7.919	0.55	3.732	14.036	7.720	0.55	3.978
28	16	11.979	11.380	0.95	3.281	11.616	11.035	0.95	3.465	11.253	10.690	0.95	3.670
28	18	12.826	10.646	0.83	3.342	12.463	10.344	0.83	3.527	12.040	9.993	0.83	3.773
28	20	13.794	9.794	0.71	3.445	13.492	9.579	0.71	3.609	13.129	9.322	0.71	3.855
28	22	14.702	8.674	0.59	3.527	14.399	8.495	0.59	3.732	14.036	8.281	0.59	3.978
30	16	11.979	11.979	1.00	3.281	11.616	11.616	1.00	3.465	11.253	11.253	1.00	3.670
30	18	12.826	11.672	0.91	3.342	12.463	11.341	0.91	3.527	12.040	10.956	0.91	3.773
30	20	13.794	10.897	0.79	3.445	13.492	10.659	0.79	3.609	13.129	10.372	0.79	3.855
30	22	14.702	9.850	0.67	3.527	14.399	9.647	0.67	3.732	14.036	9.404	0.67	3.978
32	16	11.979	11.979	1.00	3.281	11.616	11.616	1.00	3.465	11.253	11.253	1.00	3.670
32	18	12.826	12.698	0.99	3.342	12.463	12.338	0.99	3.527	12.040	11.920	0.99	3.773
32	20	13.794	12.001	0.87	3.445	13.492	11.738	0.87	3.609	13.129	11.422	0.87	3.855
32	22	14.702	11.027	0.75	3.527	14.399	10.799	0.75	3.732	14.036	10.527	0.75	3.978
34	16	11.979	11.979	1.00	3.281	11.616	11.616	1.00	3.465	11.253	11.253	1.00	3.670
34	18	12.826	12.826	1.00	3.342	12.463	12.463	1.00	3.527	12.040	12.040	1.00	3.773
34	20	13.794	13.104	0.95	3.445	13.492	12.817	0.95	3.609	13.129	12.473	0.95	3.855
34	22	14.702	12.203	0.83	3.527	14.399	11.951	0.83	3.732	14.036	11.650	0.83	3.978

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.784	0.63	3.937	10.285	6.480	0.63	4.224	9.801	6.175	0.63	4.573
20	18	11.616	5.924	0.51	4.039	11.253	5.739	0.51	4.347	10.527	5.369	0.51	4.675
20	20	12.584	4.908	0.39	4.142	12.100	4.719	0.39	4.429	11.374	4.436	0.39	4.757
22	16	10.769	7.646	0.71	3.937	10.285	7.302	0.71	4.224	9.801	6.959	0.71	4.573
22	18	11.616	6.853	0.59	4.039	11.253	6.639	0.59	4.347	10.527	6.211	0.59	4.675
22	20	12.584	5.914	0.47	4.142	12.100	5.687	0.47	4.429	11.374	5.346	0.47	4.757
24	16	10.769	8.508	0.79	3.937	10.285	8.125	0.79	4.224	9.801	7.743	0.79	4.573
24	18	11.616	7.783	0.67	4.039	11.253	7.540	0.67	4.347	10.527	7.053	0.67	4.675
24	20	12.584	6.921	0.55	4.142	12.100	6.655	0.55	4.429	11.374	6.256	0.55	4.757
24	22	13.552	5.827	0.43	4.224	13.068	5.619	0.43	4.552	12.342	5.307	0.43	4.839
26	16	10.769	9.369	0.87	3.937	10.285	8.948	0.87	4.224	9.801	8.527	0.87	4.573
26	18	11.616	8.712	0.75	4.039	11.253	8.440	0.75	4.347	10.527	7.895	0.75	4.675
26	20	12.584	7.928	0.63	4.142	12.100	7.623	0.63	4.429	11.374	7.166	0.63	4.757
26	22	13.552	6.912	0.51	4.224	13.068	6.665	0.51	4.552	12.342	6.294	0.51	4.839
27	16	10.769	9.800	0.91	3.937	10.285	9.359	0.91	4.224	9.801	8.919	0.91	4.573
27	18	11.616	9.177	0.79	4.039	11.253	8.890	0.79	4.347	10.527	8.316	0.79	4.675
27	20	12.584	8.431	0.67	4.142	12.100	8.107	0.67	4.429	11.374	7.621	0.67	4.757
27	22	13.552	7.454	0.55	4.224	13.068	7.187	0.55	4.552	12.342	6.788	0.55	4.839
28	16	10.769	10.231	0.95	3.937	10.285	9.771	0.95	4.224	9.801	9.311	0.95	4.573
28	18	11.616	9.641	0.83	4.039	11.253	9.340	0.83	4.347	10.527	8.737	0.83	4.675
28	20	12.584	8.935	0.71	4.142	12.100	8.591	0.71	4.429	11.374	8.076	0.71	4.757
28	22	13.552	7.996	0.59	4.224	13.068	7.710	0.59	4.552	12.342	7.282	0.59	4.839
30	16	10.769	10.769	1.00	3.937	10.285	10.285	1.00	4.224	9.801	9.801	1.00	4.573
30	18	11.616	10.571	0.91	4.039	11.253	10.240	0.91	4.347	10.527	9.580	0.91	4.675
30	20	12.584	9.941	0.79	4.142	12.100	9.559	0.79	4.429	11.374	8.985	0.79	4.757
30	22	13.552	9.080	0.67	4.224	13.068	8.756	0.67	4.552	12.342	8.269	0.67	4.839
32	16	10.769	10.769	1.00	3.937	10.285	10.285	1.00	4.224	9.801	9.801	1.00	4.573
32	18	11.616	11.500	0.99	4.039	11.253	11.140	0.99	4.347	10.527	10.422	0.99	4.675
32	20	12.584	10.948	0.87	4.142	12.100	10.527	0.87	4.429	11.374	9.895	0.87	4.757
32	22	13.552	10.164	0.75	4.224	13.068	9.801	0.75	4.552	12.342	9.257	0.75	4.839
34	16	10.769	10.769	1.00	3.937	10.285	10.285	1.00	4.224	9.801	9.801	1.00	4.573
34	18	11.616	11.616	1.00	4.039	11.253	11.253	1.00	4.347	10.527	10.527	1.00	4.675
34	20	12.584	11.955	0.95	4.142	12.100	11.495	0.95	4.429	11.374	10.805	0.95	4.757
34	22	13.552	11.248	0.83	4.224	13.068	10.846	0.83	4.552	12.342	10.244	0.83	4.839

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-M140EA2 / PUHZ-P140VKA PUHZ-P140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.078	0.60	4.334	13.056	7.834	0.60	4.578	12.648	7.589	0.60	4.849
20	18	14.416	6.920	0.48	4.416	14.008	6.724	0.48	4.659	13.532	6.495	0.48	4.985
20	20	15.504	5.581	0.36	4.551	15.164	5.459	0.36	4.768	14.756	5.312	0.36	5.093
22	16	13.464	9.156	0.68	4.334	13.056	8.878	0.68	4.578	12.648	8.601	0.68	4.849
22	18	14.416	8.073	0.56	4.416	14.008	7.844	0.56	4.659	13.532	7.578	0.56	4.985
22	20	15.504	6.822	0.44	4.551	15.164	6.672	0.44	4.768	14.756	6.493	0.44	5.093
24	16	13.464	10.233	0.76	4.334	13.056	9.923	0.76	4.578	12.648	9.612	0.76	4.849
24	18	14.416	9.226	0.64	4.416	14.008	8.965	0.64	4.659	13.532	8.660	0.64	4.985
24	20	15.504	8.062	0.52	4.551	15.164	7.885	0.52	4.768	14.756	7.673	0.52	5.093
24	22	16.524	6.610	0.40	4.659	16.184	6.474	0.40	4.930	15.776	6.310	0.40	5.255
26	16	13.464	11.310	0.84	4.334	13.056	10.967	0.84	4.578	12.648	10.624	0.84	4.849
26	18	14.416	10.380	0.72	4.416	14.008	10.086	0.72	4.659	13.532	9.743	0.72	4.985
26	20	15.504	9.302	0.60	4.551	15.164	9.098	0.60	4.768	14.756	8.854	0.60	5.093
26	22	16.524	7.932	0.48	4.659	16.184	7.768	0.48	4.930	15.776	7.572	0.48	5.255
27	16	13.464	11.848	0.88	4.334	13.056	11.489	0.88	4.578	12.648	11.130	0.88	4.849
27	18	14.416	10.956	0.76	4.416	14.008	10.646	0.76	4.659	13.532	10.284	0.76	4.985
27	20	15.504	9.923	0.64	4.551	15.164	9.705	0.64	4.768	14.756	9.444	0.64	5.093
27	22	16.524	8.592	0.52	4.659	16.184	8.416	0.52	4.930	15.776	8.204	0.52	5.255
28	16	13.464	12.387	0.92	4.334	13.056	12.012	0.92	4.578	12.648	11.636	0.92	4.849
28	18	14.416	11.533	0.80	4.416	14.008	11.206	0.80	4.659	13.532	10.826	0.80	4.985
28	20	15.504	10.543	0.68	4.551	15.164	10.312	0.68	4.768	14.756	10.034	0.68	5.093
28	22	16.524	9.253	0.56	4.659	16.184	9.063	0.56	4.930	15.776	8.835	0.56	5.255
30	16	13.464	13.464	1.00	4.334	13.056	13.056	1.00	4.578	12.648	12.648	1.00	4.849
30	18	14.416	12.686	0.88	4.416	14.008	12.327	0.88	4.659	13.532	11.908	0.88	4.985
30	20	15.504	11.783	0.76	4.551	15.164	11.525	0.76	4.768	14.756	11.215	0.76	5.093
30	22	16.524	10.575	0.64	4.659	16.184	10.358	0.64	4.930	15.776	10.097	0.64	5.255
32	16	13.464	13.464	1.00	4.334	13.056	13.056	1.00	4.578	12.648	12.648	1.00	4.849
32	18	14.416	13.839	0.96	4.416	14.008	13.448	0.96	4.659	13.532	12.991	0.96	4.985
32	20	15.504	13.023	0.84	4.551	15.164	12.738	0.84	4.768	14.756	12.395	0.84	5.093
32	22	16.524	11.897	0.72	4.659	16.184	11.652	0.72	4.930	15.776	11.359	0.72	5.255
34	16	13.464	13.464	1.00	4.334	13.056	13.056	1.00	4.578	12.648	12.648	1.00	4.849
34	18	14.416	14.416	1.00	4.416	14.008	14.008	1.00	4.659	13.532	13.532	1.00	4.985
34	20	15.504	14.264	0.92	4.551	15.164	13.951	0.92	4.768	14.756	13.576	0.92	5.093
34	22	16.524	13.219	0.80	4.659	16.184	12.947	0.80	4.930	15.776	12.621	0.80	5.255

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.262	0.60	5.201	11.560	6.936	0.60	5.581	11.016	6.610	0.60	6.041
20	18	13.056	6.267	0.48	5.337	12.648	6.071	0.48	5.743	11.832	5.679	0.48	6.177
20	20	14.144	5.092	0.36	5.472	13.600	4.896	0.36	5.851	12.784	4.602	0.36	6.285
22	16	12.104	8.231	0.68	5.201	11.560	7.861	0.68	5.581	11.016	7.491	0.68	6.041
22	18	13.056	7.311	0.56	5.337	12.648	7.083	0.56	5.743	11.832	6.626	0.56	6.177
22	20	14.144	6.223	0.44	5.472	13.600	5.984	0.44	5.851	12.784	5.625	0.44	6.285
24	16	12.104	9.199	0.76	5.201	11.560	8.786	0.76	5.581	11.016	8.372	0.76	6.041
24	18	13.056	8.356	0.64	5.337	12.648	8.095	0.64	5.743	11.832	7.572	0.64	6.177
24	20	14.144	7.355	0.52	5.472	13.600	7.072	0.52	5.851	12.784	6.648	0.52	6.285
24	22	15.232	6.093	0.40	5.581	14.688	5.875	0.40	6.014	13.872	5.549	0.40	6.393
26	16	12.104	10.167	0.84	5.201	11.560	9.710	0.84	5.581	11.016	9.253	0.84	6.041
26	18	13.056	9.400	0.72	5.337	12.648	9.107	0.72	5.743	11.832	8.519	0.72	6.177
26	20	14.144	8.486	0.60	5.472	13.600	8.160	0.60	5.851	12.784	7.670	0.60	6.285
26	22	15.232	7.311	0.48	5.581	14.688	7.050	0.48	6.014	13.872	6.659	0.48	6.393
27	16	12.104	10.652	0.88	5.201	11.560	10.173	0.88	5.581	11.016	9.694	0.88	6.041
27	18	13.056	9.923	0.76	5.337	12.648	9.612	0.76	5.743	11.832	8.992	0.76	6.177
27	20	14.144	9.052	0.64	5.472	13.600	8.704	0.64	5.851	12.784	8.182	0.64	6.285
27	22	15.232	7.921	0.52	5.581	14.688	7.638	0.52	6.014	13.872	7.213	0.52	6.393
28	16	12.104	11.136	0.92	5.201	11.560	10.635	0.92	5.581	11.016	10.135	0.92	6.041
28	18	13.056	10.445	0.80	5.337	12.648	10.118	0.80	5.743	11.832	9.466	0.80	6.177
28	20	14.144	9.618	0.68	5.472	13.600	9.248	0.68	5.851	12.784	8.693	0.68	6.285
28	22	15.232	8.530	0.56	5.581	14.688	8.225	0.56	6.014	13.872	7.768	0.56	6.393
30	16	12.104	12.104	1.00	5.201	11.560	11.560	1.00	5.581	11.016	11.016	1.00	6.041
30	18	13.056	11.489	0.88	5.337	12.648	11.130	0.88	5.743	11.832	10.412	0.88	6.177
30	20	14.144	10.749	0.76	5.472	13.600	10.336	0.76	5.851	12.784	9.716	0.76	6.285
30	22	15.232	9.748	0.64	5.581	14.688	9.400	0.64	6.014	13.872	8.878	0.64	6.393
32	16	12.104	12.104	1.00	5.201	11.560	11.560	1.00	5.581	11.016	11.016	1.00	6.041
32	18	13.056	12.534	0.96	5.337	12.648	12.142	0.96	5.743	11.832	11.359	0.96	6.177
32	20	14.144	11.881	0.84	5.472	13.600	11.424	0.84	5.851	12.784	10.739	0.84	6.285
32	22	15.232	10.967	0.72	5.581	14.688	10.575	0.72	6.014	13.872	9.988	0.72	6.393
34	16	12.104	12.104	1.00	5.201	11.560	11.560	1.00	5.581	11.016	11.016	1.00	6.041
34	18	13.056	13.056	1.00	5.337	12.648	12.648	1.00	5.743	11.832	11.832	1.00	6.177
34	20	14.144	13.012	0.92	5.472	13.600	12.512	0.92	5.851	12.784	11.761	0.92	6.285
34	22	15.232	12.186	0.80	5.581	14.688	11.750	0.80	6.014	13.872	11.098	0.80	6.393

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM71EA / SUZ-SA71VA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.922	0.59	1.774	7.988	4.713	0.59	1.863	7.668	4.524	0.59	1.952	7.384	4.357	0.59	2.041
21	20	8.698	4.088	0.47	1.863	8.343	3.921	0.47	1.974	8.094	3.804	0.47	2.018	7.810	3.671	0.47	2.107
22	18	8.343	5.256	0.63	1.774	7.988	5.032	0.63	1.863	7.668	4.831	0.63	1.952	7.384	4.652	0.63	2.041
22	20	8.698	4.436	0.51	1.863	8.343	4.255	0.51	1.974	8.094	4.128	0.51	2.018	7.810	3.983	0.51	2.107
22	22	9.053	3.530	0.39	1.930	8.733	3.406	0.39	2.052	8.520	3.323	0.39	2.107	8.165	3.184	0.39	2.196
23	18	8.343	5.589	0.67	1.774	7.988	5.352	0.67	1.863	7.668	5.138	0.67	1.952	7.384	4.947	0.67	2.041
23	20	8.698	4.784	0.55	1.863	8.343	4.588	0.55	1.974	8.094	4.452	0.55	2.018	7.810	4.296	0.55	2.107
23	22	9.053	3.893	0.43	1.930	8.733	3.755	0.43	2.052	8.520	3.664	0.43	2.107	8.165	3.511	0.43	2.196
24	18	8.343	5.923	0.71	1.774	7.988	5.671	0.71	1.863	7.668	5.444	0.71	1.952	7.384	5.243	0.71	2.041
24	20	8.698	5.132	0.59	1.863	8.343	4.922	0.59	1.974	8.094	4.775	0.59	2.018	7.810	4.608	0.59	2.107
24	22	9.053	4.255	0.47	1.930	8.733	4.105	0.47	2.052	8.520	4.004	0.47	2.107	8.165	3.838	0.47	2.196
24	24	9.514	3.330	0.35	2.018	9.159	3.206	0.35	2.129	8.946	3.131	0.35	2.196	8.662	3.032	0.35	2.307
25	18	8.698	5.479	0.63	1.863	8.343	5.256	0.63	1.974	8.094	5.099	0.63	2.018	7.810	4.920	0.63	2.107
25	20	9.053	4.617	0.51	1.930	8.733	4.454	0.51	2.052	8.520	4.345	0.51	2.107	8.165	4.164	0.51	2.196
25	22	9.514	3.710	0.39	2.018	9.159	3.572	0.39	2.129	8.946	3.489	0.39	2.196	8.662	3.378	0.39	2.307
26	18	8.343	6.591	0.79	1.774	7.988	6.310	0.79	1.863	7.668	6.058	0.79	1.952	7.384	5.833	0.79	2.041
26	20	8.698	5.827	0.67	1.863	8.343	5.589	0.67	1.974	8.094	5.423	0.67	2.018	7.810	5.233	0.67	2.107
26	22	9.053	4.979	0.55	1.930	8.733	4.803	0.55	2.052	8.520	4.686	0.55	2.107	8.165	4.491	0.55	2.196
26	24	9.514	4.091	0.43	2.018	9.159	3.938	0.43	2.129	8.946	3.847	0.43	2.196	8.662	3.725	0.43	2.307
26	26	9.798	3.037	0.31	2.129	9.514	2.949	0.31	2.240	9.372	2.905	0.31	2.307	9.088	2.817	0.31	2.373
27	18	8.343	6.924	0.83	1.774	7.988	6.630	0.83	1.863	7.668	6.364	0.83	1.952	7.384	6.129	0.83	2.041
27	20	8.698	6.175	0.71	1.863	8.343	5.923	0.71	1.974	8.094	5.747	0.71	2.018	7.810	5.545	0.71	2.107
27	22	9.053	5.341	0.59	1.930	8.733	5.152	0.59	2.052	8.520	5.027	0.59	2.107	8.165	4.817	0.59	2.196
27	24	9.514	4.472	0.47	2.018	9.159	4.305	0.47	2.129	8.946	4.205	0.47	2.196	8.662	4.071	0.47	2.307
27	26	9.798	3.429	0.35	2.129	9.514	3.330	0.35	2.240	9.372	3.280	0.35	2.307	9.088	3.181	0.35	2.373
28	18	8.343	7.258	0.87	1.774	7.988	6.949	0.87	1.863	7.668	6.671	0.87	1.952	7.384	6.424	0.87	2.041
28	20	8.698	6.523	0.75	1.863	8.343	6.257	0.75	1.974	8.094	6.071	0.75	2.018	7.810	5.858	0.75	2.107
28	22	9.053	5.703	0.63	1.930	8.733	5.502	0.63	2.052	8.520	5.368	0.63	2.107	8.165	5.144	0.63	2.196
28	24	9.514	4.852	0.51	2.018	9.159	4.671	0.51	2.129	8.946	4.562	0.51	2.196	8.662	4.418	0.51	2.307
28	26	9.798	3.821	0.39	2.129	9.514	3.710	0.39	2.240	9.372	3.655	0.39	2.307	9.088	3.544	0.39	2.373
29	18	8.343	7.592	0.91	1.774	7.988	7.269	0.91	1.863	7.668	6.978	0.91	1.952	7.384	6.719	0.91	2.041
29	20	8.698	6.871	0.79	1.863	8.343	6.591	0.79	1.974	8.094	6.394	0.79	2.018	7.810	6.170	0.79	2.107
29	22	9.053	6.065	0.67	1.930	8.733	5.851	0.67	2.052	8.520	5.708	0.67	2.107	8.165	5.471	0.67	2.196
29	24	9.514	5.233	0.55	2.018	9.159	5.037	0.55	2.129	8.946	4.920	0.55	2.196	8.662	4.764	0.55	2.307
29	26	9.798	4.213	0.43	2.129	9.514	4.091	0.43	2.240	9.372	4.030	0.43	2.307	9.088	3.908	0.43	2.373
30	18	8.343	7.925	0.95	1.774	7.988	7.588	0.95	1.863	7.668	7.285	0.95	1.952	7.384	7.015	0.95	2.041
30	20	8.698	7.219	0.83	1.863	8.343	6.924	0.83	1.974	8.094	6.718	0.83	2.018	7.810	6.482	0.83	2.107
30	22	9.053	6.427	0.71	1.930	8.733	6.200	0.71	2.052	8.520	6.049	0.71	2.107	8.165	5.797	0.71	2.196
30	24	9.514	5.613	0.59	2.018	9.159	5.404	0.59	2.129	8.946	5.278	0.59	2.196	8.662	5.111	0.59	2.307
30	26	9.798	4.605	0.47	2.129	9.514	4.472	0.47	2.240	9.372	4.405	0.47	2.307	9.088	4.271	0.47	2.373
31	18	8.343	8.259	0.99	1.774	7.988	7.908	0.99	1.863	7.668	7.591	0.99	1.952	7.384	7.310	0.99	2.041
31	20	8.698	7.567	0.87	1.863	8.343	7.258	0.87	1.974	8.094	7.042	0.87	2.018	7.810	6.795	0.87	2.107
31	22	9.053	6.789	0.75	1.930	8.733	6.550	0.75	2.052	8.520	6.390	0.75	2.107	8.165	6.124	0.75	2.196
31	24	9.514	5.994	0.63	2.018	9.159	5.770	0.63	2.129	8.946	5.636	0.63	2.196	8.662	5.457	0.63	2.307
31	26	9.798	4.997	0.51	2.129	9.514	4.852	0.51	2.240	9.372	4.780	0.51	2.307	9.088	4.635	0.51	2.373
32	18	8.343	8.593	1.03	1.774	7.988	8.227	1.03	1.863	7.668	7.898	1.03	1.952	7.384	7.606	1.03	2.041
32	20	8.698	7.915	0.91	1.863	8.343	7.592	0.91	1.974	8.094	7.366	0.91	2.018	7.810	7.107	0.91	2.107
32	22	9.053	7.151	0.79	1.930	8.733	6.899	0.79	2.052	8.520	6.731	0.79	2.107	8.165	6.450	0.79	2.196
32	24	9.514	6.374	0.67	2.018	9.159	6.137	0.67	2.129	8.946	5.994	0.67	2.196	8.662	5.804	0.67	2.307
32	26	9.798	5.389	0.55	2.129	9.514	5.233	0.55	2.240	9.372	5.155	0.55	2.307	9.088	4.998	0.55	2.373

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM71EA / SUZ-SA71VA3**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.105	0.59	2.174	6.390	3.770	0.59	2.307	5.893	3.477	0.59	2.395
21	20	7.313	3.437	0.47	2.262	6.816	3.204	0.47	2.373	6.319	2.970	0.47	2.506
22	18	6.958	4.384	0.63	2.174	6.390	4.026	0.63	2.307	5.893	3.713	0.63	2.395
22	20	7.313	3.730	0.51	2.262	6.816	3.476	0.51	2.373	6.319	3.223	0.51	2.506
22	22	7.739	3.018	0.39	2.351	7.242	2.824	0.39	2.484	6.745	2.631	0.39	2.573
23	18	6.958	4.662	0.67	2.174	6.390	4.281	0.67	2.307	5.893	3.948	0.67	2.395
23	20	7.313	4.022	0.55	2.262	6.816	3.749	0.55	2.373	6.319	3.475	0.55	2.506
23	22	7.739	3.328	0.43	2.351	7.242	3.114	0.43	2.484	6.745	2.900	0.43	2.573
24	18	6.958	4.940	0.71	2.174	6.390	4.537	0.71	2.307	5.893	4.184	0.71	2.395
24	20	7.313	4.315	0.59	2.262	6.816	4.021	0.59	2.373	6.319	3.728	0.59	2.506
24	22	7.739	3.637	0.47	2.351	7.242	3.404	0.47	2.484	6.745	3.170	0.47	2.573
24	24	8.165	2.858	0.35	2.440	7.668	2.684	0.35	2.551	7.242	2.535	0.35	2.662
25	18	7.313	4.607	0.63	2.262	6.816	4.294	0.63	2.373	6.319	3.981	0.63	2.506
25	20	7.739	3.947	0.51	2.351	7.242	3.693	0.51	2.484	6.745	3.440	0.51	2.573
25	22	8.165	3.184	0.39	2.440	7.668	2.991	0.39	2.551	7.242	2.824	0.39	2.662
26	18	6.958	5.497	0.79	2.174	6.390	5.048	0.79	2.307	5.893	4.655	0.79	2.395
26	20	7.313	4.900	0.67	2.262	6.816	4.567	0.67	2.373	6.319	4.234	0.67	2.506
26	22	7.739	4.256	0.55	2.351	7.242	3.983	0.55	2.484	6.745	3.710	0.55	2.573
26	24	8.165	3.511	0.43	2.440	7.668	3.297	0.43	2.551	7.242	3.114	0.43	2.662
26	26	8.591	2.663	0.31	2.529	8.094	2.509	0.31	2.639	7.597	2.355	0.31	2.750
27	18	6.958	5.775	0.83	2.174	6.390	5.304	0.83	2.307	5.893	4.891	0.83	2.395
27	20	7.313	5.192	0.71	2.262	6.816	4.839	0.71	2.373	6.319	4.486	0.71	2.506
27	22	7.739	4.566	0.59	2.351	7.242	4.273	0.59	2.484	6.745	3.980	0.59	2.573
27	24	8.165	3.838	0.47	2.440	7.668	3.604	0.47	2.551	7.242	3.404	0.47	2.662
27	26	8.591	3.007	0.35	2.529	8.094	2.833	0.35	2.639	7.597	2.659	0.35	2.750
28	18	6.958	6.053	0.87	2.174	6.390	5.559	0.87	2.307	5.893	5.127	0.87	2.395
28	20	7.313	5.485	0.75	2.262	6.816	5.112	0.75	2.373	6.319	4.739	0.75	2.506
28	22	7.739	4.876	0.63	2.351	7.242	4.562	0.63	2.484	6.745	4.249	0.63	2.573
28	24	8.165	4.164	0.51	2.440	7.668	3.911	0.51	2.551	7.242	3.693	0.51	2.662
28	26	8.591	3.350	0.39	2.529	8.094	3.157	0.39	2.639	7.597	2.963	0.39	2.750
29	18	6.958	6.332	0.91	2.174	6.390	5.815	0.91	2.307	5.893	5.363	0.91	2.395
29	20	7.313	5.777	0.79	2.262	6.816	5.385	0.79	2.373	6.319	4.992	0.79	2.506
29	22	7.739	5.185	0.67	2.351	7.242	4.852	0.67	2.484	6.745	4.519	0.67	2.573
29	24	8.165	4.491	0.55	2.440	7.668	4.217	0.55	2.551	7.242	3.983	0.55	2.662
29	26	8.591	3.694	0.43	2.529	8.094	3.480	0.43	2.639	7.597	3.267	0.43	2.750
30	18	6.958	6.610	0.95	2.174	6.390	6.071	0.95	2.307	5.893	5.598	0.95	2.395
30	20	7.313	6.070	0.83	2.262	6.816	5.657	0.83	2.373	6.319	5.245	0.83	2.506
30	22	7.739	5.495	0.71	2.351	7.242	5.142	0.71	2.484	6.745	4.789	0.71	2.573
30	24	8.165	4.817	0.59	2.440	7.668	4.524	0.59	2.551	7.242	4.273	0.59	2.662
30	26	8.591	4.038	0.47	2.529	8.094	3.804	0.47	2.639	7.597	3.571	0.47	2.750
31	18	6.958	6.888	0.99	2.174	6.390	6.326	0.99	2.307	5.893	5.834	0.99	2.395
31	20	7.313	6.362	0.87	2.262	6.816	5.930	0.87	2.373	6.319	5.498	0.87	2.506
31	22	7.739	5.804	0.75	2.351	7.242	5.432	0.75	2.484	6.745	5.059	0.75	2.573
31	24	8.165	5.144	0.63	2.440	7.668	4.831	0.63	2.551	7.242	4.562	0.63	2.662
31	26	8.591	4.381	0.51	2.529	8.094	4.128	0.51	2.639	7.597	3.874	0.51	2.750
32	18	6.958	7.167	1.03	2.174	6.390	6.582	1.03	2.307	5.893	6.070	1.03	2.395
32	20	7.313	6.655	0.91	2.262	6.816	6.203	0.91	2.373	6.319	5.750	0.91	2.506
32	22	7.739	6.114	0.79	2.351	7.242	5.721	0.79	2.484	6.745	5.329	0.79	2.573
32	24	8.165	5.471	0.67	2.440	7.668	5.138	0.67	2.551	7.242	4.852	0.67	2.662
32	26	8.591	4.725	0.55	2.529	8.094	4.452	0.55	2.639	7.597	4.178	0.55	2.750

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM100EA / SUZ-SA100VA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	11.045	7.290	0.66	2.498	10.575	6.980	0.66	2.622	10.152	6.700	0.66	2.747	9.776	6.452	0.66	2.872
21	20	11.515	6.218	0.54	2.622	11.045	5.964	0.54	2.779	10.716	5.787	0.54	2.841	10.340	5.584	0.54	2.966
22	18	11.045	7.732	0.70	2.498	10.575	7.403	0.70	2.622	10.152	7.106	0.70	2.747	9.776	6.843	0.70	2.872
22	20	11.515	6.679	0.58	2.622	11.045	6.406	0.58	2.779	10.716	6.215	0.58	2.841	10.340	5.997	0.58	2.966
22	22	11.985	5.513	0.46	2.716	11.562	5.319	0.46	2.888	11.280	5.189	0.46	2.966	10.810	4.973	0.46	3.091
23	18	11.045	8.173	0.74	2.498	10.575	7.826	0.74	2.622	10.152	7.512	0.74	2.747	9.776	7.234	0.74	2.872
23	20	11.515	7.139	0.62	2.622	11.045	6.848	0.62	2.779	10.716	6.644	0.62	2.841	10.340	6.411	0.62	2.966
23	22	11.985	5.993	0.50	2.716	11.562	5.781	0.50	2.888	11.280	5.640	0.50	2.966	10.810	5.405	0.50	3.091
24	18	11.045	8.615	0.78	2.498	10.575	8.249	0.78	2.622	10.152	7.919	0.78	2.747	9.776	7.625	0.78	2.872
24	20	11.515	7.600	0.66	2.622	11.045	7.290	0.66	2.779	10.716	7.073	0.66	2.841	10.340	6.824	0.66	2.966
24	22	11.985	6.472	0.54	2.716	11.562	6.243	0.54	2.888	11.280	6.091	0.54	2.966	10.810	5.837	0.54	3.091
24	24	12.596	5.290	0.42	2.841	12.126	5.093	0.42	2.997	11.844	4.974	0.42	3.091	11.468	4.817	0.42	3.247
25	18	11.515	8.061	0.70	2.622	11.045	7.732	0.70	2.779	10.716	7.501	0.70	2.841	10.340	7.238	0.70	2.966
25	20	11.985	6.951	0.58	2.716	11.562	6.706	0.58	2.888	11.280	6.542	0.58	2.966	10.810	6.270	0.58	3.091
25	22	12.596	5.794	0.46	2.841	12.126	5.578	0.46	2.997	11.844	5.448	0.46	3.091	11.468	5.275	0.46	3.247
26	18	11.045	9.499	0.86	2.498	10.575	9.095	0.86	2.622	10.152	8.731	0.86	2.747	9.776	8.407	0.86	2.872
26	20	11.515	8.521	0.74	2.622	11.045	8.173	0.74	2.779	10.716	7.930	0.74	2.841	10.340	7.652	0.74	2.966
26	22	11.985	7.431	0.62	2.716	11.562	7.168	0.62	2.888	11.280	6.994	0.62	2.966	10.810	6.702	0.62	3.091
26	24	12.596	6.298	0.50	2.841	12.126	6.063	0.50	2.997	11.844	5.922	0.50	3.091	11.468	5.734	0.50	3.247
26	26	12.972	4.929	0.38	2.997	12.596	4.786	0.38	3.153	12.408	4.715	0.38	3.247	12.032	4.572	0.38	3.341
27	18	11.045	9.941	0.90	2.498	10.575	9.518	0.90	2.622	10.152	9.137	0.90	2.747	9.776	8.798	0.90	2.872
27	20	11.515	8.982	0.78	2.622	11.045	8.615	0.78	2.779	10.716	8.358	0.78	2.841	10.340	8.065	0.78	2.966
27	22	11.985	7.910	0.66	2.716	11.562	7.631	0.66	2.888	11.280	7.445	0.66	2.966	10.810	7.135	0.66	3.091
27	24	12.596	6.802	0.54	2.841	12.126	6.548	0.54	2.997	11.844	6.396	0.54	3.091	11.468	6.193	0.54	3.247
27	26	12.972	5.448	0.42	2.997	12.596	5.290	0.42	3.153	12.408	5.211	0.42	3.247	12.032	5.053	0.42	3.341
28	18	11.045	10.382	0.94	2.498	10.575	9.941	0.94	2.622	10.152	9.543	0.94	2.747	9.776	9.189	0.94	2.872
28	20	11.515	9.442	0.82	2.622	11.045	9.057	0.82	2.779	10.716	8.787	0.82	2.841	10.340	8.479	0.82	2.966
28	22	11.985	8.390	0.70	2.716	11.562	8.093	0.70	2.888	11.280	7.896	0.70	2.966	10.810	7.567	0.70	3.091
28	24	12.596	7.306	0.58	2.841	12.126	7.033	0.58	2.997	11.844	6.870	0.58	3.091	11.468	6.651	0.58	3.247
28	26	12.972	5.967	0.46	2.997	12.596	5.794	0.46	3.153	12.408	5.708	0.46	3.247	12.032	5.535	0.46	3.341
29	18	11.045	10.824	0.98	2.498	10.575	10.364	0.98	2.622	10.152	9.949	0.98	2.747	9.776	9.580	0.98	2.872
29	20	11.515	9.903	0.86	2.622	11.045	9.499	0.86	2.779	10.716	9.216	0.86	2.841	10.340	8.892	0.86	2.966
29	22	11.985	8.869	0.74	2.716	11.562	8.556	0.74	2.888	11.280	8.347	0.74	2.966	10.810	7.999	0.74	3.091
29	24	12.596	7.810	0.62	2.841	12.126	7.518	0.62	2.997	11.844	7.343	0.62	3.091	11.468	7.110	0.62	3.247
29	26	12.972	6.486	0.50	2.997	12.596	6.298	0.50	3.153	12.408	6.204	0.50	3.247	12.032	6.016	0.50	3.341
30	18	11.045	11.266	1.02	2.498	10.575	10.787	1.02	2.622	10.152	10.355	1.02	2.747	9.776	9.972	1.02	2.872
30	20	11.515	10.364	0.90	2.622	11.045	9.941	0.90	2.779	10.716	9.644	0.90	2.841	10.340	9.306	0.90	2.966
30	22	11.985	9.348	0.78	2.716	11.562	9.018	0.78	2.888	11.280	8.798	0.78	2.966	10.810	8.432	0.78	3.091
30	24	12.596	8.313	0.66	2.841	12.126	8.003	0.66	2.997	11.844	7.817	0.66	3.091	11.468	7.569	0.66	3.247
30	26	12.972	7.005	0.54	2.997	12.596	6.802	0.54	3.153	12.408	6.700	0.54	3.247	12.032	6.497	0.54	3.341
31	18	11.045	11.708	1.06	2.498	10.575	11.210	1.06	2.622	10.152	10.761	1.06	2.747	9.776	10.363	1.06	2.872
31	20	11.515	10.824	0.94	2.622	11.045	10.382	0.94	2.779	10.716	10.073	0.94	2.841	10.340	9.720	0.94	2.966
31	22	11.985	9.828	0.82	2.716	11.562	9.481	0.82	2.888	11.280	9.250	0.82	2.966	10.810	8.864	0.82	3.091
31	24	12.596	8.817	0.70	2.841	12.126	8.488	0.70	2.997	11.844	8.291	0.70	3.091	11.468	8.028	0.70	3.247
31	26	12.972	7.524	0.58	2.997	12.596	7.306	0.58	3.153	12.408	7.197	0.58	3.247	12.032	6.979	0.58	3.341
32	18	11.045	12.150	1.10	2.498	10.575	11.633	1.10	2.622	10.152	11.167	1.10	2.747	9.776	10.754	1.10	2.872
32	20	11.515	11.285	0.98	2.622	11.045	10.824	0.98	2.779	10.716	10.502	0.98	2.841	10.340	10.133	0.98	2.966
32	22	11.985	10.307	0.86	2.716	11.562	9.943	0.86	2.888	11.280	9.701	0.86	2.966	10.810	9.297	0.86	3.091
32	24	12.596	9.321	0.74	2.841	12.126	8.973	0.74	2.997	11.844	8.765	0.74	3.091	11.468	8.486	0.74	3.247
32	26	12.972	8.043	0.62	2.997	12.596	7.810	0.62	3.153	12.408	7.693	0.62	3.247	12.032	7.460	0.62	3.341

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM100EA / SUZ-SA100VA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	9.212	6.080	0.66	3.060	8.460	5.584	0.66	3.247	7.802	5.149	0.66	3.372
21	20	9.682	5.228	0.54	3.184	9.024	4.873	0.54	3.341	8.366	4.518	0.54	3.528
22	18	9.212	6.448	0.70	3.060	8.460	5.922	0.70	3.247	7.802	5.461	0.70	3.372
22	20	9.682	5.616	0.58	3.184	9.024	5.234	0.58	3.341	8.366	4.852	0.58	3.528
22	22	10.246	4.713	0.46	3.309	9.588	4.410	0.46	3.497	8.930	4.108	0.46	3.622
23	18	9.212	6.817	0.74	3.060	8.460	6.260	0.74	3.247	7.802	5.773	0.74	3.372
23	20	9.682	6.003	0.62	3.184	9.024	5.595	0.62	3.341	8.366	5.187	0.62	3.528
23	22	10.246	5.123	0.50	3.309	9.588	4.794	0.50	3.497	8.930	4.465	0.50	3.622
24	18	9.212	7.185	0.78	3.060	8.460	6.599	0.78	3.247	7.802	6.086	0.78	3.372
24	20	9.682	6.390	0.66	3.184	9.024	5.956	0.66	3.341	8.366	5.522	0.66	3.528
24	22	10.246	5.533	0.54	3.309	9.588	5.178	0.54	3.497	8.930	4.822	0.54	3.622
24	24	10.810	4.540	0.42	3.434	10.152	4.264	0.42	3.590	9.588	4.027	0.42	3.746
25	18	9.682	6.777	0.70	3.184	9.024	6.317	0.70	3.341	8.366	5.856	0.70	3.528
25	20	10.246	5.943	0.58	3.309	9.588	5.561	0.58	3.497	8.930	5.179	0.58	3.622
25	22	10.810	4.973	0.46	3.434	10.152	4.670	0.46	3.590	9.588	4.410	0.46	3.746
26	18	9.212	7.922	0.86	3.060	8.460	7.276	0.86	3.247	7.802	6.710	0.86	3.372
26	20	9.682	7.165	0.74	3.184	9.024	6.678	0.74	3.341	8.366	6.191	0.74	3.528
26	22	10.246	6.353	0.62	3.309	9.588	5.945	0.62	3.497	8.930	5.537	0.62	3.622
26	24	10.810	5.405	0.50	3.434	10.152	5.076	0.50	3.590	9.588	4.794	0.50	3.746
26	26	11.374	4.322	0.38	3.559	10.716	4.072	0.38	3.715	10.058	3.822	0.38	3.871
27	18	9.212	8.291	0.90	3.060	8.460	7.614	0.90	3.247	7.802	7.022	0.90	3.372
27	20	9.682	7.552	0.78	3.184	9.024	7.039	0.78	3.341	8.366	6.525	0.78	3.528
27	22	10.246	6.762	0.66	3.309	9.588	6.328	0.66	3.497	8.930	5.894	0.66	3.622
27	24	10.810	5.837	0.54	3.434	10.152	5.482	0.54	3.590	9.588	5.178	0.54	3.746
27	26	11.374	4.777	0.42	3.559	10.716	4.501	0.42	3.715	10.058	4.224	0.42	3.871
28	18	9.212	8.659	0.94	3.060	8.460	7.952	0.94	3.247	7.802	7.334	0.94	3.372
28	20	9.682	7.939	0.82	3.184	9.024	7.400	0.82	3.341	8.366	6.860	0.82	3.528
28	22	10.246	7.172	0.70	3.309	9.588	6.712	0.70	3.497	8.930	6.251	0.70	3.622
28	24	10.810	6.270	0.58	3.434	10.152	5.888	0.58	3.590	9.588	5.561	0.58	3.746
28	26	11.374	5.232	0.46	3.559	10.716	4.929	0.46	3.715	10.058	4.627	0.46	3.871
29	18	9.212	9.028	0.98	3.060	8.460	8.291	0.98	3.247	7.802	7.646	0.98	3.372
29	20	9.682	8.327	0.86	3.184	9.024	7.761	0.86	3.341	8.366	7.195	0.86	3.528
29	22	10.246	7.582	0.74	3.309	9.588	7.095	0.74	3.497	8.930	6.608	0.74	3.622
29	24	10.810	6.702	0.62	3.434	10.152	6.294	0.62	3.590	9.588	5.945	0.62	3.746
29	26	11.374	5.687	0.50	3.559	10.716	5.358	0.50	3.715	10.058	5.029	0.50	3.871
30	18	9.212	9.396	1.02	3.060	8.460	8.629	1.02	3.247	7.802	7.958	1.02	3.372
30	20	9.682	8.714	0.90	3.184	9.024	8.122	0.90	3.341	8.366	7.529	0.90	3.528
30	22	10.246	7.992	0.78	3.309	9.588	7.479	0.78	3.497	8.930	6.965	0.78	3.622
30	24	10.810	7.135	0.66	3.434	10.152	6.700	0.66	3.590	9.588	6.328	0.66	3.746
30	26	11.374	6.142	0.54	3.559	10.716	5.787	0.54	3.715	10.058	5.431	0.54	3.871
31	18	9.212	9.765	1.06	3.060	8.460	8.968	1.06	3.247	7.802	8.270	1.06	3.372
31	20	9.682	9.101	0.94	3.184	9.024	8.483	0.94	3.341	8.366	7.864	0.94	3.528
31	22	10.246	8.402	0.82	3.309	9.588	7.862	0.82	3.497	8.930	7.323	0.82	3.622
31	24	10.810	7.567	0.70	3.434	10.152	7.106	0.70	3.590	9.588	6.712	0.70	3.746
31	26	11.374	6.597	0.58	3.559	10.716	6.215	0.58	3.715	10.058	5.834	0.58	3.871
32	18	9.212	10.133	1.10	3.060	8.460	9.306	1.10	3.247	7.802	8.582	1.10	3.372
32	20	9.682	9.488	0.98	3.184	9.024	8.844	0.98	3.341	8.366	8.199	0.98	3.528
32	22	10.246	8.812	0.86	3.309	9.588	8.246	0.86	3.497	8.930	7.680	0.86	3.622
32	24	10.810	7.999	0.74	3.434	10.152	7.512	0.74	3.590	9.588	7.095	0.74	3.746
32	26	11.374	7.052	0.62	3.559	10.716	6.644	0.62	3.715	10.058	6.236	0.62	3.871

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM100EA / PUHZ-SP100YKA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.235	0.67	2.63	9.024	6.046	0.67	2.78	8.742	5.857	0.67	2.94
20	18	9.964	5.480	0.55	2.68	9.682	5.325	0.55	2.83	9.353	5.144	0.55	3.03
20	20	10.716	4.608	0.43	2.76	10.481	4.507	0.43	2.90	10.199	4.386	0.43	3.09
22	16	9.306	6.980	0.75	2.63	9.024	6.768	0.75	2.78	8.742	6.557	0.75	2.94
22	18	9.964	6.277	0.63	2.68	9.682	6.100	0.63	2.83	9.353	5.892	0.63	3.03
22	20	10.716	5.465	0.51	2.76	10.481	5.345	0.51	2.90	10.199	5.201	0.51	3.09
24	16	9.306	7.724	0.83	2.63	9.024	7.490	0.83	2.78	8.742	7.256	0.83	2.94
24	18	9.964	7.074	0.71	2.68	9.682	6.874	0.71	2.83	9.353	6.641	0.71	3.03
24	20	10.716	6.322	0.59	2.76	10.481	6.184	0.59	2.90	10.199	6.017	0.59	3.09
24	22	11.421	5.368	0.47	2.83	11.186	5.257	0.47	2.99	10.904	5.125	0.47	3.19
26	16	9.306	8.468	0.91	2.63	9.024	8.212	0.91	2.78	8.742	7.955	0.91	2.94
26	18	9.964	7.872	0.79	2.68	9.682	7.649	0.79	2.83	9.353	7.389	0.79	3.03
26	20	10.716	7.180	0.67	2.76	10.481	7.022	0.67	2.90	10.199	6.833	0.67	3.09
26	22	11.421	6.282	0.55	2.83	11.186	6.152	0.55	2.99	10.904	5.997	0.55	3.19
27	16	9.306	8.841	0.95	2.63	9.024	8.573	0.95	2.78	8.742	8.305	0.95	2.94
27	18	9.964	8.270	0.83	2.68	9.682	8.036	0.83	2.83	9.353	7.763	0.83	3.03
27	20	10.716	7.608	0.71	2.76	10.481	7.442	0.71	2.90	10.199	7.241	0.71	3.09
27	22	11.421	6.738	0.59	2.83	11.186	6.600	0.59	2.99	10.904	6.433	0.59	3.19
28	16	9.306	9.213	0.99	2.63	9.024	8.934	0.99	2.78	8.742	8.655	0.99	2.94
28	18	9.964	8.669	0.87	2.68	9.682	8.423	0.87	2.83	9.353	8.137	0.87	3.03
28	20	10.716	8.037	0.75	2.76	10.481	7.861	0.75	2.90	10.199	7.649	0.75	3.09
28	22	11.421	7.195	0.63	2.83	11.186	7.047	0.63	2.99	10.904	6.870	0.63	3.19
30	16	9.306	9.306	1.00	2.63	9.024	9.024	1.00	2.78	8.742	8.742	1.00	2.94
30	18	9.964	9.466	0.95	2.68	9.682	9.198	0.95	2.83	9.353	8.885	0.95	3.03
30	20	10.716	8.894	0.83	2.76	10.481	8.699	0.83	2.90	10.199	8.465	0.83	3.09
30	22	11.421	8.109	0.71	2.83	11.186	7.942	0.71	2.99	10.904	7.742	0.71	3.19
32	16	9.306	9.306	1.00	2.63	9.024	9.024	1.00	2.78	8.742	8.742	1.00	2.94
32	18	9.964	9.964	1.00	2.68	9.682	9.682	1.00	2.83	9.353	9.353	1.00	3.03
32	20	10.716	9.752	0.91	2.76	10.481	9.538	0.91	2.90	10.199	9.281	0.91	3.09
32	22	11.421	9.023	0.79	2.83	11.186	8.837	0.79	2.99	10.904	8.614	0.79	3.19
34	16	9.306	9.306	1.00	2.63	9.024	9.024	1.00	2.78	8.742	8.742	1.00	2.94
34	18	9.964	9.964	1.00	2.68	9.682	9.682	1.00	2.83	9.353	9.353	1.00	3.03
34	20	10.716	10.609	0.99	2.76	10.481	10.376	0.99	2.90	10.199	10.097	0.99	3.09
34	22	11.421	9.936	0.87	2.83	11.186	9.732	0.87	2.99	10.904	9.486	0.87	3.19

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.605	0.67	3.16	7.990	5.353	0.67	3.39	7.614	5.101	0.67	3.67
20	18	9.024	4.963	0.55	3.24	8.742	4.808	0.55	3.49	8.178	4.498	0.55	3.75
20	20	9.776	4.204	0.43	3.32	9.400	4.042	0.43	3.55	8.836	3.799	0.43	3.82
22	16	8.366	6.275	0.75	3.16	7.990	5.993	0.75	3.39	7.614	5.711	0.75	3.67
22	18	9.024	5.685	0.63	3.24	8.742	5.507	0.63	3.49	8.178	5.152	0.63	3.75
22	20	9.776	4.986	0.51	3.32	9.400	4.794	0.51	3.55	8.836	4.506	0.51	3.82
24	16	8.366	6.944	0.83	3.16	7.990	6.632	0.83	3.39	7.614	6.320	0.83	3.67
24	18	9.024	6.407	0.71	3.24	8.742	6.207	0.71	3.49	8.178	5.806	0.71	3.75
24	20	9.776	5.768	0.59	3.32	9.400	5.546	0.59	3.55	8.836	5.213	0.59	3.82
24	22	10.528	4.948	0.47	3.39	10.152	4.771	0.47	3.65	9.588	4.506	0.47	3.88
26	16	8.366	7.613	0.91	3.16	7.990	7.271	0.91	3.39	7.614	6.929	0.91	3.67
26	18	9.024	7.129	0.79	3.24	8.742	6.906	0.79	3.49	8.178	6.461	0.79	3.75
26	20	9.776	6.550	0.67	3.32	9.400	6.298	0.67	3.55	8.836	5.920	0.67	3.82
26	22	10.528	5.790	0.55	3.39	10.152	5.584	0.55	3.65	9.588	5.273	0.55	3.88
27	16	8.366	7.948	0.95	3.16	7.990	7.591	0.95	3.39	7.614	7.233	0.95	3.67
27	18	9.024	7.490	0.83	3.24	8.742	7.256	0.83	3.49	8.178	6.788	0.83	3.75
27	20	9.776	6.941	0.71	3.32	9.400	6.674	0.71	3.55	8.836	6.274	0.71	3.82
27	22	10.528	6.212	0.59	3.39	10.152	5.990	0.59	3.65	9.588	5.657	0.59	3.88
28	16	8.366	8.282	0.99	3.16	7.990	7.910	0.99	3.39	7.614	7.538	0.99	3.67
28	18	9.024	7.851	0.87	3.24	8.742	7.606	0.87	3.49	8.178	7.115	0.87	3.75
28	20	9.776	7.332	0.75	3.32	9.400	7.050	0.75	3.55	8.836	6.627	0.75	3.82
28	22	10.528	6.633	0.63	3.39	10.152	6.396	0.63	3.65	9.588	6.040	0.63	3.88
30	16	8.366	8.366	1.00	3.16	7.990	7.990	1.00	3.39	7.614	7.614	1.00	3.67
30	18	9.024	8.573	0.95	3.24	8.742	8.305	0.95	3.49	8.178	7.769	0.95	3.75
30	20	9.776	8.114	0.83	3.32	9.400	7.802	0.83	3.55	8.836	7.334	0.83	3.82
30	22	10.528	7.475	0.71	3.39	10.152	7.208	0.71	3.65	9.588	6.807	0.71	3.88
32	16	8.366	8.366	1.00	3.16	7.990	7.990	1.00	3.39	7.614	7.614	1.00	3.67
32	18	9.024	9.024	1.00	3.24	8.742	8.742	1.00	3.49	8.178	8.178	1.00	3.75
32	20	9.776	8.896	0.91	3.32	9.400	8.554	0.91	3.55	8.836	8.041	0.91	3.82
32	22	10.528	8.317	0.79	3.39	10.152	8.020	0.79	3.65	9.588	7.575	0.79	3.88
34	16	8.366	8.366	1.00	3.16	7.990	7.990	1.00	3.39	7.614	7.614	1.00	3.67
34	18	9.024	9.024	1.00	3.24	8.742	8.742	1.00	3.49	8.178	8.178	1.00	3.75
34	20	9.776	9.678	0.99	3.32	9.400	9.306	0.99	3.55	8.836	8.748	0.99	3.82
34	22	10.528	9.159	0.87	3.39	10.152	8.832	0.87	3.65	9.588	8.342	0.87	3.88

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**COOLING CAPACITY
PLA-SM125EA / PUHZ-SP125VKA PUHZ-SP125YKA**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.547	0.63	3.39	11.616	7.318	0.63	3.58	11.253	7.089	0.63	3.79
20	18	12.826	6.541	0.51	3.46	12.463	6.356	0.51	3.65	12.040	6.140	0.51	3.90
20	20	13.794	5.380	0.39	3.56	13.492	5.262	0.39	3.73	13.129	5.120	0.39	3.99
22	16	11.979	8.505	0.71	3.39	11.616	8.247	0.71	3.58	11.253	7.990	0.71	3.79
22	18	12.826	7.567	0.59	3.46	12.463	7.353	0.59	3.65	12.040	7.103	0.59	3.90
22	20	13.794	6.483	0.47	3.56	13.492	6.341	0.47	3.73	13.129	6.170	0.47	3.99
24	16	11.979	9.463	0.79	3.39	11.616	9.177	0.79	3.58	11.253	8.890	0.79	3.79
24	18	12.826	8.593	0.67	3.46	12.463	8.350	0.67	3.65	12.040	8.066	0.67	3.90
24	20	13.794	7.587	0.55	3.56	13.492	7.420	0.55	3.73	13.129	7.221	0.55	3.99
24	22	14.702	6.322	0.43	3.65	14.399	6.192	0.43	3.86	14.036	6.035	0.43	4.11
26	16	11.979	10.422	0.87	3.39	11.616	10.106	0.87	3.58	11.253	9.790	0.87	3.79
26	18	12.826	9.620	0.75	3.46	12.463	9.347	0.75	3.65	12.040	9.030	0.75	3.90
26	20	13.794	8.690	0.63	3.56	13.492	8.500	0.63	3.73	13.129	8.271	0.63	3.99
26	22	14.702	7.498	0.51	3.65	14.399	7.343	0.51	3.86	14.036	7.158	0.51	4.11
27	16	11.979	10.901	0.91	3.39	11.616	10.571	0.91	3.58	11.253	10.240	0.91	3.79
27	18	12.826	10.133	0.79	3.46	12.463	9.846	0.79	3.65	12.040	9.511	0.79	3.90
27	20	13.794	9.242	0.67	3.56	13.492	9.039	0.67	3.73	13.129	8.796	0.67	3.99
27	22	14.702	8.086	0.55	3.65	14.399	7.919	0.55	3.86	14.036	7.720	0.55	4.11
28	16	11.979	11.380	0.95	3.39	11.616	11.035	0.95	3.58	11.253	10.690	0.95	3.79
28	18	12.826	10.646	0.83	3.46	12.463	10.344	0.83	3.65	12.040	9.993	0.83	3.90
28	20	13.794	9.794	0.71	3.56	13.492	9.579	0.71	3.73	13.129	9.321	0.71	3.99
28	22	14.702	8.674	0.59	3.65	14.399	8.495	0.59	3.86	14.036	8.281	0.59	4.11
30	16	11.979	11.979	1.00	3.39	11.616	11.616	1.00	3.58	11.253	11.253	1.00	3.79
30	18	12.826	11.672	0.91	3.46	12.463	11.341	0.91	3.65	12.040	10.956	0.91	3.90
30	20	13.794	10.897	0.79	3.56	13.492	10.658	0.79	3.73	13.129	10.372	0.79	3.99
30	22	14.702	9.850	0.67	3.65	14.399	9.647	0.67	3.86	14.036	9.404	0.67	4.11
32	16	11.979	11.979	1.00	3.39	11.616	11.616	1.00	3.58	11.253	11.253	1.00	3.79
32	18	12.826	12.698	0.99	3.46	12.463	12.338	0.99	3.65	12.040	11.919	0.99	3.90
32	20	13.794	12.001	0.87	3.56	13.492	11.738	0.87	3.73	13.129	11.422	0.87	3.99
32	22	14.702	11.026	0.75	3.65	14.399	10.799	0.75	3.86	14.036	10.527	0.75	4.11
34	16	11.979	11.979	1.00	3.39	11.616	11.616	1.00	3.58	11.253	11.253	1.00	3.79
34	18	12.826	12.826	1.00	3.46	12.463	12.463	1.00	3.65	12.040	12.040	1.00	3.90
34	20	13.794	13.104	0.95	3.56	13.492	12.817	0.95	3.73	13.129	12.472	0.95	3.99
34	22	14.702	12.202	0.83	3.65	14.399	11.951	0.83	3.86	14.036	11.650	0.83	4.11

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.784	0.63	4.07	10.285	6.480	0.63	4.37	9.801	6.175	0.63	4.73
20	18	11.616	5.924	0.51	4.18	11.253	5.739	0.51	4.49	10.527	5.369	0.51	4.83
20	20	12.584	4.908	0.39	4.28	12.100	4.719	0.39	4.58	11.374	4.436	0.39	4.92
22	16	10.769	7.646	0.71	4.07	10.285	7.302	0.71	4.37	9.801	6.959	0.71	4.73
22	18	11.616	6.853	0.59	4.18	11.253	6.639	0.59	4.49	10.527	6.211	0.59	4.83
22	20	12.584	5.914	0.47	4.28	12.100	5.687	0.47	4.58	11.374	5.346	0.47	4.92
24	16	10.769	8.508	0.79	4.07	10.285	8.125	0.79	4.37	9.801	7.743	0.79	4.73
24	18	11.616	7.783	0.67	4.18	11.253	7.540	0.67	4.49	10.527	7.053	0.67	4.83
24	20	12.584	6.921	0.55	4.28	12.100	6.655	0.55	4.58	11.374	6.256	0.55	4.92
24	22	13.552	5.827	0.43	4.37	13.068	5.619	0.43	4.71	12.342	5.307	0.43	5.00
26	16	10.769	9.369	0.87	4.07	10.285	8.948	0.87	4.37	9.801	8.527	0.87	4.73
26	18	11.616	8.712	0.75	4.18	11.253	8.440	0.75	4.49	10.527	7.895	0.75	4.83
26	20	12.584	7.928	0.63	4.28	12.100	7.623	0.63	4.58	11.374	7.166	0.63	4.92
26	22	13.552	6.912	0.51	4.37	13.068	6.665	0.51	4.71	12.342	6.294	0.51	5.00
27	16	10.769	9.800	0.91	4.07	10.285	9.359	0.91	4.37	9.801	8.919	0.91	4.73
27	18	11.616	9.177	0.79	4.18	11.253	8.890	0.79	4.49	10.527	8.316	0.79	4.83
27	20	12.584	8.431	0.67	4.28	12.100	8.107	0.67	4.58	11.374	7.621	0.67	4.92
27	22	13.552	7.454	0.55	4.37	13.068	7.187	0.55	4.71	12.342	6.788	0.55	5.00
28	16	10.769	10.231	0.95	4.07	10.285	9.771	0.95	4.37	9.801	9.311	0.95	4.73
28	18	11.616	9.641	0.83	4.18	11.253	9.340	0.83	4.49	10.527	8.737	0.83	4.83
28	20	12.584	8.935	0.71	4.28	12.100	8.591	0.71	4.58	11.374	8.076	0.71	4.92
28	22	13.552	7.996	0.59	4.37	13.068	7.710	0.59	4.71	12.342	7.282	0.59	5.00
30	16	10.769	10.769	1.00	4.07	10.285	10.285	1.00	4.37	9.801	9.801	1.00	4.73
30	18	11.616	10.571	0.91	4.18	11.253	10.240	0.91	4.49	10.527	9.580	0.91	4.83
30	20	12.584	9.941	0.79	4.28	12.100	9.559	0.79	4.58	11.374	8.985	0.79	4.92
30	22	13.552	9.080	0.67	4.37	13.068	8.756	0.67	4.71	12.342	8.269	0.67	5.00
32	16	10.769	10.769	1.00	4.07	10.285	10.285	1.00	4.37	9.801	9.801	1.00	4.73
32	18	11.616	11.500	0.99	4.18	11.253	11.140	0.99	4.49	10.527	10.422	0.99	4.83
32	20	12.584	10.948	0.87	4.28	12.100	10.527	0.87	4.58	11.374	9.895	0.87	4.92
32	22	13.552	10.164	0.75	4.37	13.068	9.801	0.75	4.71	12.342	9.257	0.75	5.00
34	16	10.769	10.769	1.00	4.07	10.285	10.285	1.00	4.37	9.801	9.801	1.00	4.73
34	18	11.616	11.616	1.00	4.18	11.253	11.253	1.00	4.49	10.527	10.527	1.00	4.83
34	20	12.584	11.955	0.95	4.28	12.100	11.495	0.95	4.58	11.374	10.805	0.95	4.92
34	22	13.552	11.248	0.83	4.37	13.068	10.846	0.83	4.71	12.342	10.244	0.83	5.00

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PLA-SM140EA / PUHZ-SP140VKA PUHZ-SP140YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.078	0.60	4.51	13.056	7.834	0.60	4.77	12.648	7.589	0.60	5.05
20	18	14.416	6.920	0.48	4.60	14.008	6.724	0.48	4.85	13.532	6.495	0.48	5.19
20	20	15.504	5.581	0.36	4.74	15.164	5.459	0.36	4.96	14.756	5.312	0.36	5.30
22	16	13.464	9.156	0.68	4.51	13.056	8.878	0.68	4.77	12.648	8.601	0.68	5.05
22	18	14.416	8.073	0.56	4.60	14.008	7.844	0.56	4.85	13.532	7.578	0.56	5.19
22	20	15.504	6.822	0.44	4.74	15.164	6.672	0.44	4.96	14.756	6.493	0.44	5.30
24	16	13.464	10.233	0.76	4.51	13.056	9.923	0.76	4.77	12.648	9.612	0.76	5.05
24	18	14.416	9.226	0.64	4.60	14.008	8.965	0.64	4.85	13.532	8.660	0.64	5.19
24	20	15.504	8.062	0.52	4.74	15.164	7.885	0.52	4.96	14.756	7.673	0.52	5.30
24	22	16.524	6.610	0.40	4.85	16.184	6.474	0.40	5.13	15.776	6.310	0.40	5.47
26	16	13.464	11.310	0.84	4.51	13.056	10.967	0.84	4.77	12.648	10.624	0.84	5.05
26	18	14.416	10.380	0.72	4.60	14.008	10.086	0.72	4.85	13.532	9.743	0.72	5.19
26	20	15.504	9.302	0.60	4.74	15.164	9.098	0.60	4.96	14.756	8.854	0.60	5.30
26	22	16.524	7.932	0.48	4.85	16.184	7.768	0.48	5.13	15.776	7.572	0.48	5.47
27	16	13.464	11.848	0.88	4.51	13.056	11.489	0.88	4.77	12.648	11.130	0.88	5.05
27	18	14.416	10.956	0.76	4.60	14.008	10.646	0.76	4.85	13.532	10.284	0.76	5.19
27	20	15.504	9.923	0.64	4.74	15.164	9.705	0.64	4.96	14.756	9.444	0.64	5.30
27	22	16.524	8.592	0.52	4.85	16.184	8.416	0.52	5.13	15.776	8.204	0.52	5.47
28	16	13.464	12.387	0.92	4.51	13.056	12.012	0.92	4.77	12.648	11.636	0.92	5.05
28	18	14.416	11.533	0.80	4.60	14.008	11.206	0.80	4.85	13.532	10.826	0.80	5.19
28	20	15.504	10.543	0.68	4.74	15.164	10.312	0.68	4.96	14.756	10.034	0.68	5.30
28	22	16.524	9.253	0.56	4.85	16.184	9.063	0.56	5.13	15.776	8.835	0.56	5.47
30	16	13.464	13.464	1.00	4.51	13.056	13.056	1.00	4.77	12.648	12.648	1.00	5.05
30	18	14.416	12.686	0.88	4.60	14.008	12.327	0.88	4.85	13.532	11.908	0.88	5.19
30	20	15.504	11.783	0.76	4.74	15.164	11.525	0.76	4.96	14.756	11.215	0.76	5.30
30	22	16.524	10.575	0.64	4.85	16.184	10.358	0.64	5.13	15.776	10.097	0.64	5.47
32	16	13.464	13.464	1.00	4.51	13.056	13.056	1.00	4.77	12.648	12.648	1.00	5.05
32	18	14.416	13.839	0.96	4.60	14.008	13.448	0.96	4.85	13.532	12.991	0.96	5.19
32	20	15.504	13.023	0.84	4.74	15.164	12.738	0.84	4.96	14.756	12.395	0.84	5.30
32	22	16.524	11.897	0.72	4.85	16.184	11.652	0.72	5.13	15.776	11.359	0.72	5.47
34	16	13.464	13.464	1.00	4.51	13.056	13.056	1.00	4.77	12.648	12.648	1.00	5.05
34	18	14.416	14.416	1.00	4.60	14.008	14.008	1.00	4.85	13.532	13.532	1.00	5.19
34	20	15.504	14.264	0.92	4.74	15.164	13.951	0.92	4.96	14.756	13.576	0.92	5.30
34	22	16.524	13.219	0.80	4.85	16.184	12.947	0.80	5.13	15.776	12.621	0.80	5.47

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.262	0.60	5.41	11.560	6.936	0.60	5.81	11.016	6.610	0.60	6.29
20	18	13.056	6.267	0.48	5.56	12.648	6.071	0.48	5.98	11.832	5.679	0.48	6.43
20	20	14.144	5.092	0.36	5.70	13.600	4.896	0.36	6.09	12.784	4.602	0.36	6.54
22	16	12.104	8.231	0.68	5.41	11.560	7.861	0.68	5.81	11.016	7.491	0.68	6.29
22	18	13.056	7.311	0.56	5.56	12.648	7.083	0.56	5.98	11.832	6.626	0.56	6.43
22	20	14.144	6.223	0.44	5.70	13.600	5.984	0.44	6.09	12.784	5.625	0.44	6.54
24	16	12.104	9.199	0.76	5.41	11.560	8.786	0.76	5.81	11.016	8.372	0.76	6.29
24	18	13.056	8.356	0.64	5.56	12.648	8.095	0.64	5.98	11.832	7.572	0.64	6.43
24	20	14.144	7.355	0.52	5.70	13.600	7.072	0.52	6.09	12.784	6.648	0.52	6.54
24	22	15.232	6.093	0.40	5.81	14.688	5.875	0.40	6.26	13.872	5.549	0.40	6.66
26	16	12.104	10.167	0.84	5.41	11.560	9.710	0.84	5.81	11.016	9.253	0.84	6.29
26	18	13.056	9.400	0.72	5.56	12.648	9.107	0.72	5.98	11.832	8.519	0.72	6.43
26	20	14.144	8.486	0.60	5.70	13.600	8.160	0.60	6.09	12.784	7.670	0.60	6.54
26	22	15.232	7.311	0.48	5.81	14.688	7.050	0.48	6.26	13.872	6.659	0.48	6.66
27	16	12.104	10.652	0.88	5.41	11.560	10.173	0.88	5.81	11.016	9.694	0.88	6.29
27	18	13.056	9.923	0.76	5.56	12.648	9.612	0.76	5.98	11.832	8.992	0.76	6.43
27	20	14.144	9.052	0.64	5.70	13.600	8.704	0.64	6.09	12.784	8.182	0.64	6.54
27	22	15.232	7.921	0.52	5.81	14.688	7.638	0.52	6.26	13.872	7.213	0.52	6.66
28	16	12.104	11.136	0.92	5.41	11.560	10.635	0.92	5.81	11.016	10.135	0.92	6.29
28	18	13.056	10.445	0.80	5.56	12.648	10.118	0.80	5.98	11.832	9.466	0.80	6.43
28	20	14.144	9.618	0.68	5.70	13.600	9.248	0.68	6.09	12.784	8.693	0.68	6.54
28	22	15.232	8.530	0.56	5.81	14.688	8.225	0.56	6.26	13.872	7.768	0.56	6.66
30	16	12.104	12.104	1.00	5.41	11.560	11.560	1.00	5.81	11.016	11.016	1.00	6.29
30	18	13.056	11.489	0.88	5.56	12.648	11.130	0.88	5.98	11.832	10.412	0.88	6.43
30	20	14.144	10.749	0.76	5.70	13.600	10.336	0.76	6.09	12.784	9.716	0.76	6.54
30	22	15.232	9.748	0.64	5.81	14.688	9.400	0.64	6.26	13.872	8.878	0.64	6.66
32	16	12.104	12.104	1.00	5.41	11.560	11.560	1.00	5.81	11.016	11.016	1.00	6.29
32	18	13.056	12.534	0.96	5.56	12.648	12.142	0.96	5.98	11.832	11.359	0.96	6.43
32	20	14.144	11.881	0.84	5.70	13.600	11.424	0.84	6.09	12.784	10.739	0.84	6.54
32	22	15.232	10.967	0.72	5.81	14.688	10.575	0.72	6.26	13.872	9.988	0.72	6.66
34	16	12.104	12.104	1.00	5.41	11.560	11.560	1.00	5.81	11.016	11.016	1.00	6.29
34	18	13.056	13.056	1.00	5.56	12.648	12.648	1.00	5.98	11.832	11.832	1.00	6.43
34	20	14.144	13.012	0.92	5.70	13.600	12.512	0.92	6.09	12.784	11.761	0.92	6.54
34	22	15.232	12.186	0.80	5.81	14.688	11.750	0.80	6.26	13.872	11.098	0.80	6.66

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY
PLA-ZM-EA2 / PUHZ-SHW-VHA(-BS) PUHZ-SHW-YHA(-BS)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM100EA2	15	11.648	4.59	11.648	4.21	11.648	3.44	11.648	2.51	12.768	2.72	14.112	2.89
	20	11.200	4.75	11.200	4.37	11.200	3.63	11.200	2.69	12.320	2.88	13.608	3.11
	25	10.752	4.91	10.752	4.53	10.752	3.79	10.752	2.88	11.872	3.09	13.160	3.36
PLA-ZM125EA2	15	14.560	6.88	14.560	6.32	14.560	5.16	14.560	3.76	15.960	4.08	17.640	4.34
	20	14.000	7.12	14.000	6.56	14.000	5.44	14.000	4.04	15.400	4.32	17.010	4.66
	25	13.440	7.36	13.440	6.80	13.440	5.68	13.440	4.32	14.840	4.64	16.450	5.04

HEATING CAPACITY
PLA-M-EA2 / PUHZ-SHW-VHA(-BS) PUHZ-SHW-YHA(-BS)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M100EA2	15	11.648	4.80	11.648	4.41	11.648	3.60	11.648	2.63	12.768	2.85	14.112	3.03
	20	11.200	4.97	11.200	4.58	11.200	3.80	11.200	2.82	12.320	3.02	13.608	3.25
	25	10.752	5.14	10.752	4.75	10.752	3.97	10.752	3.02	11.872	3.24	13.160	3.52
PLA-M125EA2	15	14.560	6.88	14.560	6.32	14.560	5.16	14.560	3.76	15.960	4.08	17.640	4.34
	20	14.000	7.12	14.000	6.56	14.000	5.44	14.000	4.04	15.400	4.32	17.010	4.66
	25	13.440	7.36	13.440	6.80	13.440	5.68	13.440	4.32	14.840	4.64	16.450	5.04

HEATING CAPACITY
PLA-ZM-EA2 / PUHZ-ZRP-VKA2(3) PUHZ-ZRP-VHA2 PUHZ-ZRP-YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM35EA2	15	2.604	0.502	2.829	0.553	3.157	0.638	4.141	0.765	4.674	0.850	5.207	0.918
	20	2.501	0.544	2.706	0.595	2.993	0.689	3.998	0.825	4.510	0.918	5.023	0.986
	25	2.419	0.578	2.624	0.646	2.870	0.748	3.772	0.876	4.346	0.982	4.838	1.058
PLA-ZM50EA2	15	3.810	0.915	4.140	1.008	4.620	1.163	6.060	1.395	6.840	1.550	7.620	1.674
	20	3.660	0.992	3.960	1.085	4.380	1.256	5.850	1.504	6.600	1.674	7.350	1.798
	25	3.540	1.054	3.840	1.178	4.200	1.364	5.520	1.597	6.360	1.790	7.080	1.930
PLA-ZM60EA2	15	4.445	1.115	4.830	1.229	5.390	1.418	7.070	1.701	7.980	1.890	8.890	2.041
	20	4.270	1.210	4.620	1.323	5.110	1.531	6.825	1.833	7.700	2.041	8.575	2.192
	25	4.130	1.285	4.480	1.436	4.900	1.663	6.440	1.947	7.420	2.183	8.260	2.353
PLA-ZM71EA2	15	5.080	1.121	5.520	1.235	6.160	1.425	8.080	1.710	9.120	1.900	10.160	2.052
	20	4.880	1.216	5.280	1.330	5.840	1.539	7.800	1.843	8.800	2.052	9.800	2.204
	25	4.720	1.292	5.120	1.444	5.600	1.672	7.360	1.957	8.480	2.195	9.440	2.366
PLA-ZM100EA2	15	7.112	1.534	7.728	1.690	8.624	1.950	11.312	2.340	12.768	2.600	14.224	2.808
	20	6.832	1.664	7.392	1.820	8.176	2.106	10.920	2.522	12.320	2.808	13.720	3.016
	25	6.608	1.768	7.168	1.976	7.840	2.288	10.304	2.678	11.872	3.003	13.216	3.237
PLA-ZM125EA2	15	8.890	2.168	9.660	2.388	10.780	2.756	14.140	3.307	15.960	3.674	17.780	3.968
	20	8.540	2.351	9.240	2.572	10.220	2.976	13.650	3.564	15.400	3.968	17.150	4.262
	25	8.260	2.498	8.960	2.792	9.800	3.233	12.880	3.784	14.840	4.243	16.520	4.574
PLA-ZM140EA2	15	10.160	2.860	11.040	3.151	12.320	3.636	16.160	4.363	18.240	4.848	20.320	5.236
	20	9.760	3.103	10.560	3.394	11.680	3.927	15.600	4.703	17.600	5.236	19.600	5.624
	25	9.440	3.297	10.240	3.684	11.200	4.266	14.720	4.993	16.960	5.599	18.880	6.036

HEATING CAPACITY
PLA-ZM71EA2 / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-ZM71EA2	15	5.080	1.242	5.520	1.368	6.160	1.579	8.080	1.895	9.120	2.105	10.160	2.273
	20	4.880	1.347	5.280	1.474	5.840	1.705	7.800	2.042	8.800	2.273	9.800	2.442
	25	4.720	1.431	5.120	1.600	5.600	1.852	7.360	2.168	8.480	2.431	9.440	2.621

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PLA-M-EA2 / PUHZ-ZRP-VKA2(3) PUHZ-ZRP-VHA2 PUHZ-ZRP-YKA3

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.604	0.543	2.829	0.598	3.157	0.690	4.141	0.828	4.674	0.920	5.207	0.994
	20	2.501	0.589	2.706	0.644	2.993	0.745	3.998	0.892	4.510	0.994	5.023	1.067
	25	2.419	0.626	2.624	0.699	2.870	0.810	3.772	0.948	4.346	1.063	4.838	1.145
PLA-M50EA2	15	3.810	1.068	4.140	1.177	4.620	1.358	6.060	1.629	6.840	1.810	7.620	1.955
	20	3.660	1.158	3.960	1.267	4.380	1.466	5.850	1.756	6.600	1.955	7.350	2.100
	25	3.540	1.231	3.840	1.376	4.200	1.593	5.520	1.864	6.360	2.091	7.080	2.253
PLA-M60EA2	15	4.445	1.221	4.830	1.346	5.390	1.553	7.070	1.863	7.980	2.070	8.890	2.236
	20	4.270	1.325	4.620	1.449	5.110	1.677	6.825	2.008	7.700	2.236	8.575	2.401
	25	4.130	1.408	4.480	1.573	4.900	1.822	6.440	2.132	7.420	2.391	8.260	2.577
PLA-M71EA2	15	5.080	1.245	5.520	1.372	6.160	1.583	8.080	1.899	9.120	2.110	10.160	2.279
	20	4.880	1.350	5.280	1.477	5.840	1.709	7.800	2.047	8.800	2.279	9.800	2.448
	25	4.720	1.435	5.120	1.604	5.600	1.857	7.360	2.173	8.480	2.437	9.440	2.627
PLA-M100EA2	15	7.112	1.587	7.728	1.749	8.624	2.018	11.312	2.421	12.768	2.690	14.224	2.905
	20	6.832	1.722	7.392	1.883	8.176	2.179	10.920	2.609	12.320	2.905	13.720	3.120
	25	6.608	1.829	7.168	2.044	7.840	2.367	10.304	2.771	11.872	3.107	13.216	3.349
PLA-M125EA2	15	8.890	2.226	9.660	2.452	10.780	2.830	14.140	3.396	15.960	3.773	17.780	4.075
	20	8.540	2.415	9.240	2.641	10.220	3.056	13.650	3.660	15.400	4.075	17.150	4.377
	25	8.260	2.566	8.960	2.867	9.800	3.320	12.880	3.886	14.840	4.358	16.520	4.697
PLA-M140EA2	15	10.160	2.895	11.040	3.190	12.320	3.680	16.160	4.416	18.240	4.907	20.320	5.300
	20	9.760	3.140	10.560	3.435	11.680	3.975	15.600	4.760	17.600	5.300	19.600	5.692
	25	9.440	3.337	10.240	3.729	11.200	4.318	14.720	5.054	16.960	5.668	18.880	6.109

HEATING CAPACITY

PLA-M-EA2 / SUZ-KA-VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-20		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M35EA2	15	2.050	0.520	2.583	0.650	3.116	0.780	3.649	0.880	4.182	0.950	4.715	1.010	5.207	1.040	5.740	1.060
	21	1.927	0.554	2.460	0.700	2.952	0.830	3.485	0.920	3.977	0.990	4.510	1.040	5.002	1.070	5.515	1.110
	26	1.681	0.600	2.214	0.750	2.747	0.880	3.239	0.970	3.772	1.040	4.305	1.090	4.797	1.120	5.330	1.150
PLA-M50EA2	15	2.900	0.879	3.654	1.099	4.408	1.318	5.162	1.487	5.916	1.606	6.670	1.707	7.366	1.758	8.120	1.791
	21	2.726	0.936	3.480	1.183	4.176	1.403	4.930	1.555	5.626	1.673	6.380	1.758	7.076	1.808	7.801	1.876
	26	2.378	1.014	3.132	1.268	3.886	1.487	4.582	1.639	5.336	1.758	6.090	1.842	6.786	1.893	7.540	1.944
PLA-M60EA2	15	3.450	1.024	4.347	1.281	5.244	1.537	6.141	1.734	7.038	1.872	7.935	1.990	8.763	2.049	9.660	2.088
	21	3.243	1.091	4.140	1.379	4.968	1.635	5.865	1.812	6.693	1.950	7.590	2.049	8.418	2.108	9.281	2.187
	26	2.829	1.182	3.726	1.478	4.623	1.734	5.451	1.911	6.348	2.049	7.245	2.147	8.073	2.206	8.970	2.266
PLA-M71EA2	15	4.000	1.168	5.040	1.461	6.080	1.753	7.120	1.977	8.160	2.135	9.200	2.269	10.160	2.337	11.200	2.382
	21	3.760	1.245	4.800	1.573	5.760	1.865	6.800	2.067	7.760	2.225	8.800	2.337	9.760	2.404	10.760	2.494
	26	3.280	1.348	4.320	1.685	5.360	1.977	6.320	2.180	7.360	2.337	8.400	2.449	9.360	2.517	10.400	2.584

HEATING CAPACITY

PLA-M-EA2 / PUHZ-P-VKA PUHZ-P-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-M100EA2	15	7.112	1.926	7.728	2.122	8.624	2.449	11.312	2.939	12.768	3.265	14.224	3.526
	20	6.832	2.090	7.392	2.286	8.176	2.645	10.920	3.167	12.320	3.526	13.720	3.787
	25	6.608	2.220	7.168	2.481	7.840	2.873	10.304	3.363	11.872	3.771	13.216	4.065
PLA-M125EA2	15	8.573	2.269	9.315	2.500	10.395	2.885	13.635	3.461	15.390	3.846	17.145	4.154
	20	8.235	2.461	8.910	2.692	9.855	3.115	13.163	3.731	14.850	4.154	16.538	4.461
	25	7.965	2.615	8.640	2.923	9.450	3.384	12.420	3.961	14.310	4.442	15.930	4.788
PLA-M140EA2	15	9.525	2.756	10.350	3.037	11.550	3.504	15.150	4.205	17.100	4.672	19.050	5.046
	20	9.150	2.990	9.900	3.270	10.950	3.784	14.625	4.532	16.500	5.046	18.375	5.420
	25	8.850	3.177	9.600	3.551	10.500	4.111	13.800	4.812	15.900	5.396	17.700	5.817

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**HEATING CAPACITY
PLA-SM-EA / SUZ-SA-VA2(3)**

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM71EA	15	4.000	1.296	5.040	1.620	6.080	1.944	7.120	2.193	8.160	2.367	9.200	2.517	10.160	2.592	11.200	2.642
	21	3.760	1.381	4.800	1.744	5.760	2.068	6.800	2.293	7.760	2.467	8.800	2.592	9.760	2.666	10.760	2.766
	26	3.280	1.495	4.320	1.869	5.360	2.193	6.320	2.417	7.360	2.592	8.400	2.716	9.360	2.791	10.400	2.866
PLA-SM100EA	15	5.600	1.814	7.056	2.268	8.512	2.721	9.968	3.070	11.424	3.315	12.880	3.524	14.224	3.629	15.680	3.698
	21	5.264	1.933	6.720	2.442	8.064	2.896	9.520	3.210	10.864	3.454	12.320	3.629	13.664	3.733	15.064	3.873
	26	4.592	2.093	6.048	2.617	7.504	3.070	8.848	3.384	10.304	3.629	11.760	3.803	13.104	3.908	14.560	4.012

**HEATING CAPACITY
PLA-SM-EA / PUHZ-SP-VKA PUHZ-SP-YKA**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PLA-SM100EA	15	7.112	2.059	7.728	2.268	8.624	2.617	11.312	3.140	12.768	3.489	14.224	3.768
	20	6.832	2.233	7.392	2.442	8.176	2.826	10.920	3.384	12.320	3.768	13.720	4.047
	25	6.608	2.373	7.168	2.652	7.840	3.070	10.304	3.594	11.872	4.030	13.216	4.344
PLA-SM125EA	15	8.573	2.335	9.315	2.573	10.395	2.969	13.635	3.562	15.390	3.958	17.145	4.275
	20	8.235	2.533	8.910	2.771	9.855	3.206	13.163	3.839	14.850	4.275	16.538	4.591
	25	7.965	2.691	8.640	3.008	9.450	3.483	12.420	4.077	14.310	4.571	15.930	4.928
PLA-SM140EA	15	9.525	2.846	10.350	3.135	11.550	3.617	15.150	4.341	17.100	4.823	19.050	5.209
	20	9.150	3.087	9.900	3.376	10.950	3.907	14.625	4.678	16.500	5.209	18.375	5.595
	25	8.850	3.280	9.600	3.665	10.500	4.244	13.800	4.968	15.900	5.571	17.700	6.005

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.1.6 FRESH AIR INTAKE AND BRANCH DUCT

1. Branch duct hole and fresh air intake hole (Fig. 1)

At the time of installation, use the duct holes (cut out) located at the positions shown in Fig.1, as and when required.
 • A fresh air intake hole for the optional multi function casement can also be made.

Note:

The figure marked with * in the drawing represent the dimensions of the main unit excluding those of the optional multi function casement.

When installing the optional multi function casement, add 135 mm to the dimensions marked on the figure.

When installing the branch ducts, be sure to insulate adequately.

Otherwise condensation and dripping may occur.

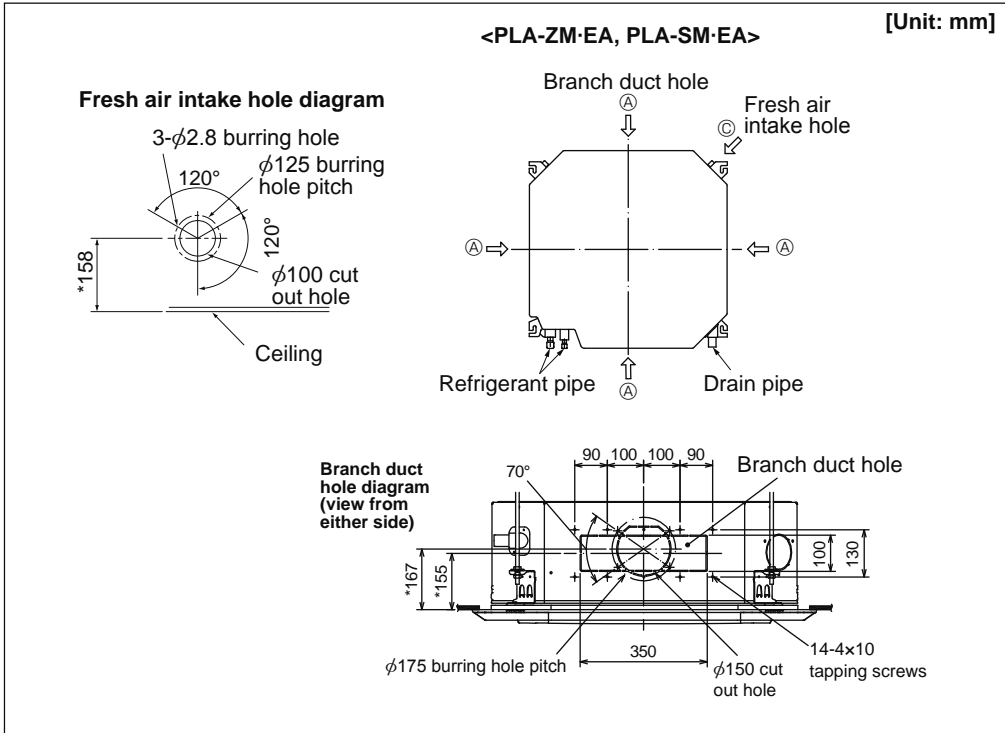
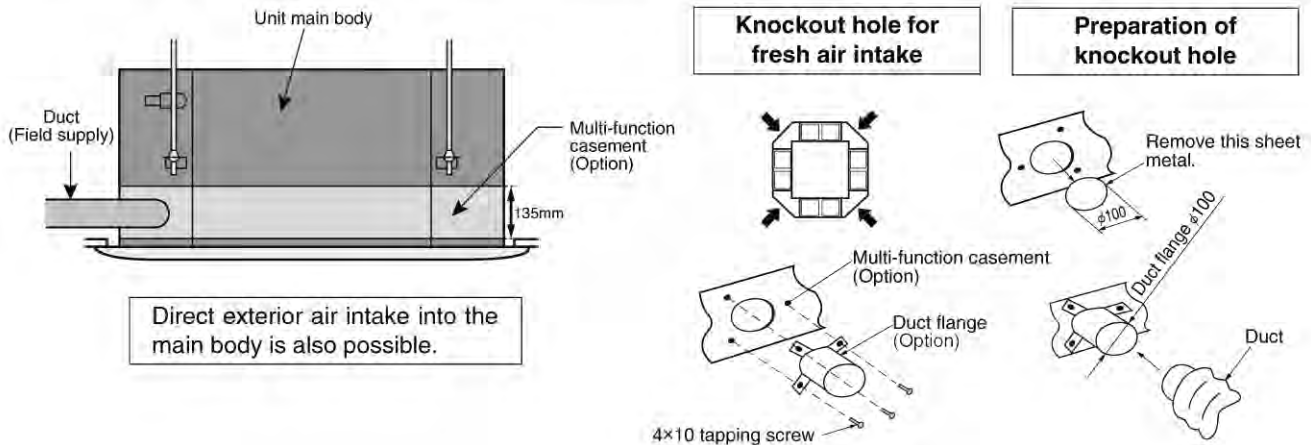


Fig. 1

2. Fresh air intake (Installation at site)

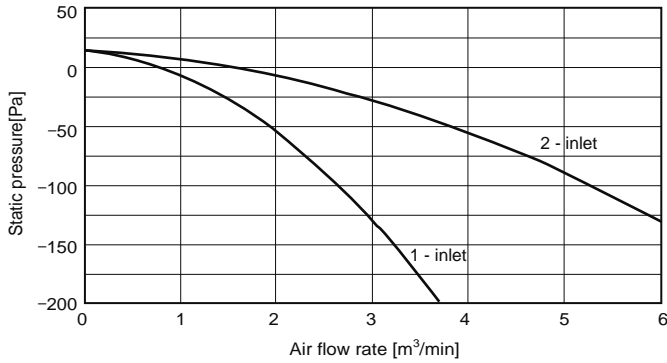
- By mounting the optional multi-function casement to the indoor unit main body, and mounting the duct and duct flange (option) onto it further, fresh exterior air intake can be accomplished.
 (The mounting of the multi-function casement increases the height of the ceiling plenum by 135mm.)



3. Fresh air intake volume & static pressure characteristics

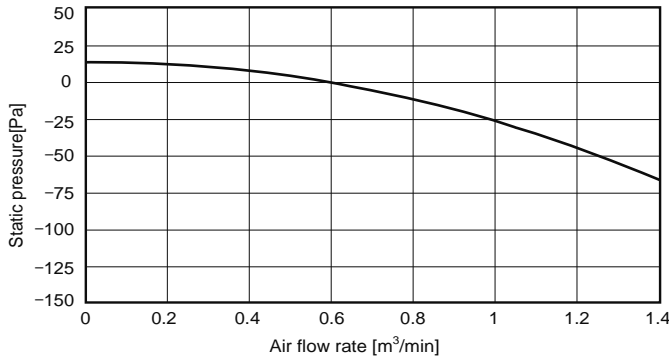
PLA-ZM35EA2 PLA-ZM50EA2 PLA-ZM60EA2

① At using multi-function casement, standard filter



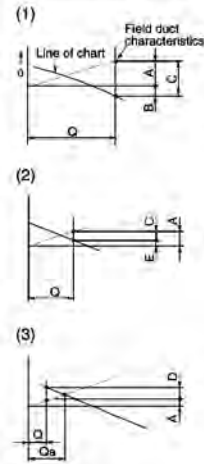
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

How to read the chart



Q ... Design fresh air intake volume (m³/min)

A ... Static pressure loss [Pa] of fresh air intake duct at air flow rate of Q

B ... Required boost pressure [Pa] of air conditioner inlet at air flow rate of Q

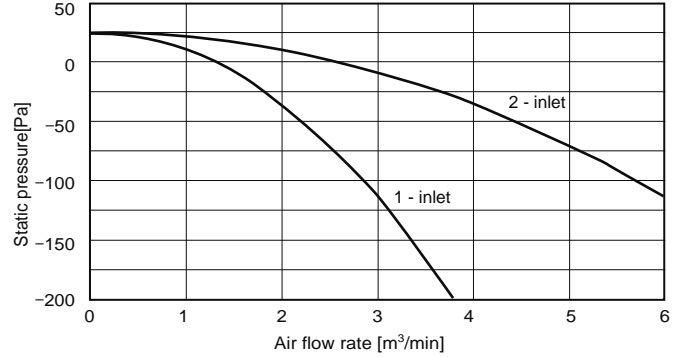
C ... Required static pressure [Pa] of booster fan at air flow rate of Q

D ... Required compensation [Pa] for static pressure loss of fresh air intake duct to make air flow rate Q

E ... Static pressure [Pa] of indoor unit at air flow rate of Q

Qa ... Estimated fresh air intake [m³/min] without compensation of D

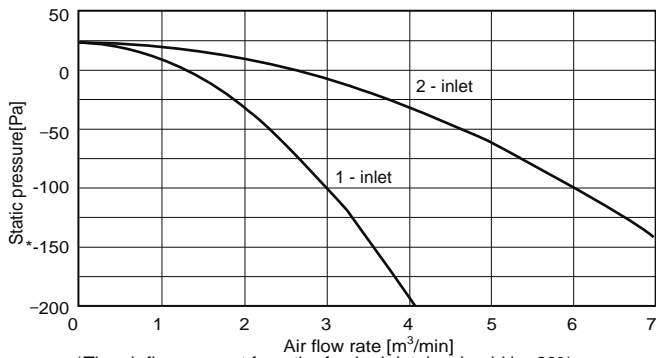
③ At using multi-function casement, high efficiency filter



*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

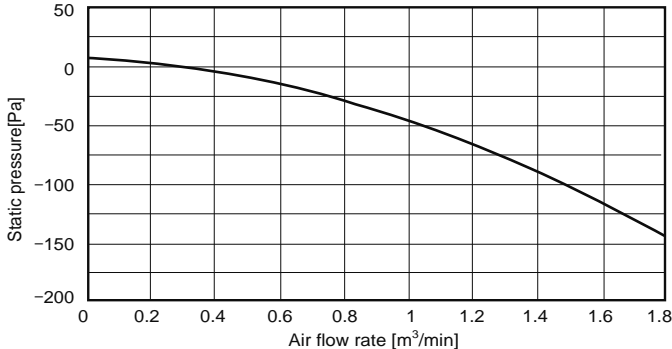
PLA-ZM71EA2 PLA-ZM100EA2 PLA-ZM125EA2 PLA-ZM140EA2

① At using multi-function casement, standard filter



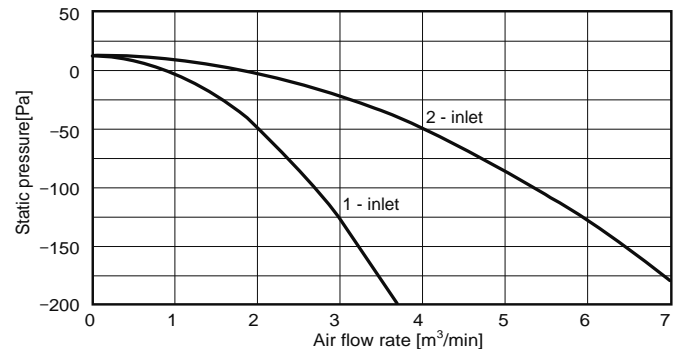
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

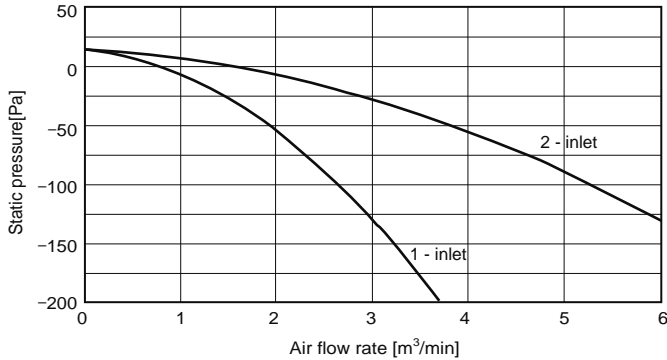
③ At using multi-function casement, high efficiency filter



*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

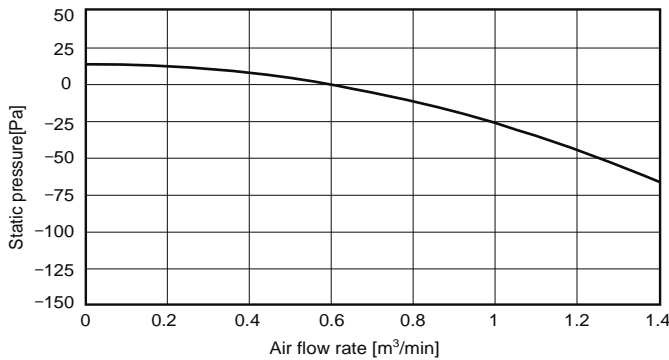
**PLA-M35EA2 PLA-M50EA2 PLA-M60EA2 PLA-M71EA2
PLA-SM71EA**

① At using multi-function casement, standard filter



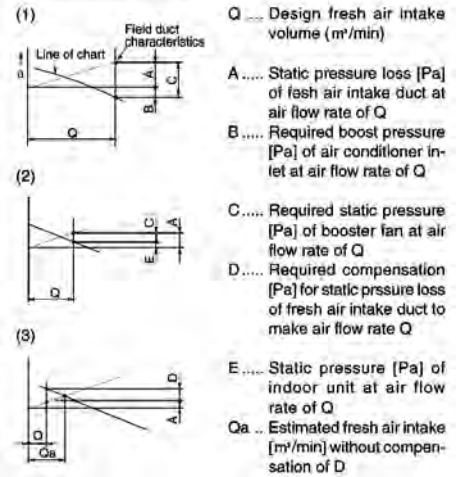
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit

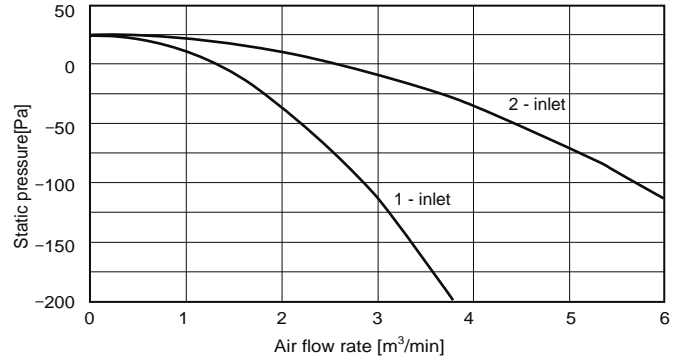


*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

How to read the chart



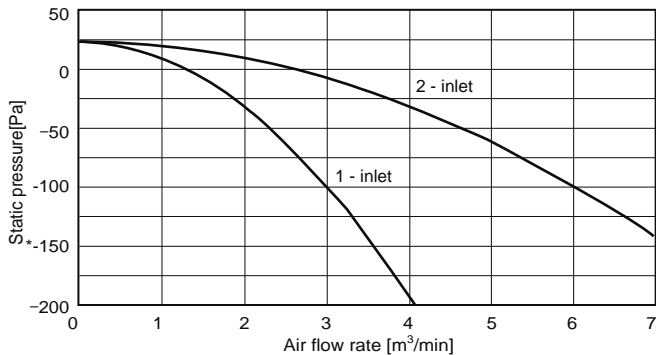
③ At using multi-function casement, high efficiency filter



*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

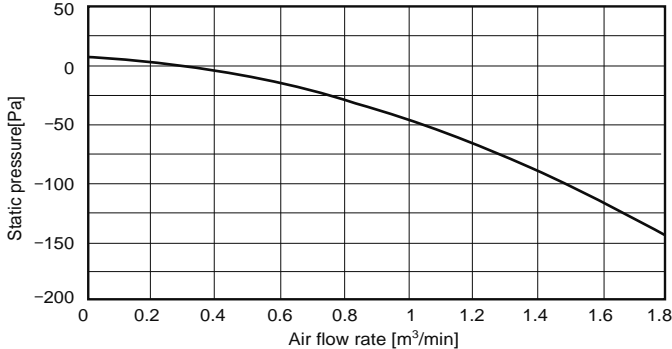
**PLA-M100EA2 PLA-M125EA2 PLA-M140EA2
PLA-SM100EA PLA-SM125EA PLA-SM140EA**

① At using multi-function casement, standard filter



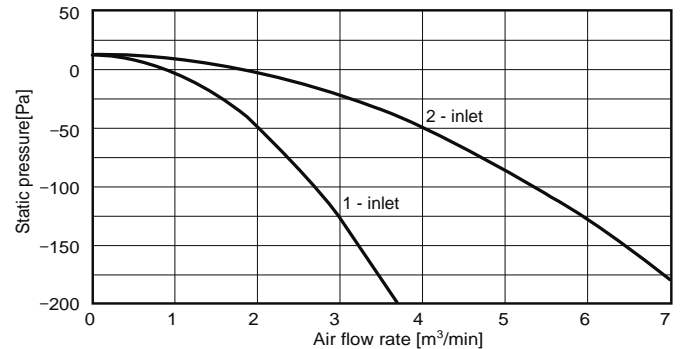
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

② Direct intake to unit



*The air flow amount from the fresh air intake should be 5% or less of the whole air flow.

③ At using multi-function casement, high efficiency filter



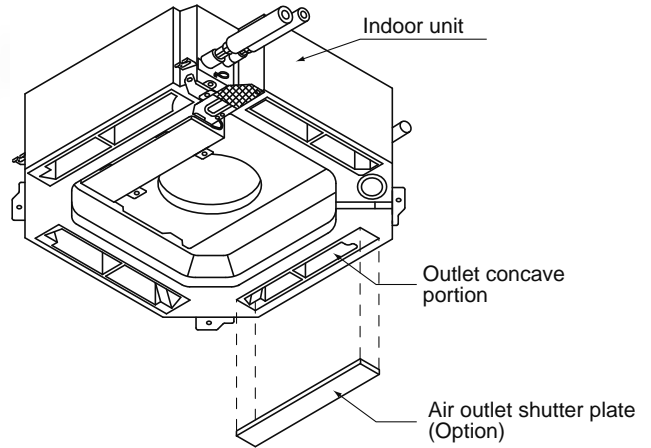
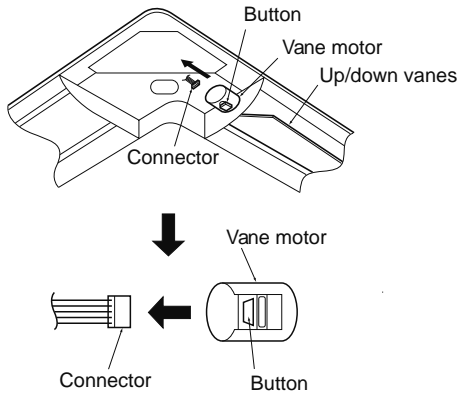
*The air flow amount from the fresh air intake should be 20% or less of the whole air flow.

4. Change of outlet numbers

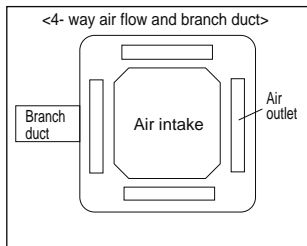
[The optional air outlet shutter is necessary.]

To change the air outlet numbers to 3-, or 2-way outlet, the outlets should be closed with the optional air outlet shutter.

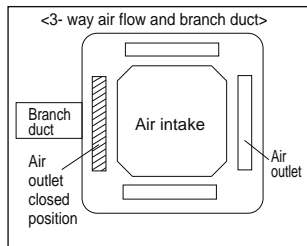
(When the air outlets are closed, close the vane by removing the vane connector.)



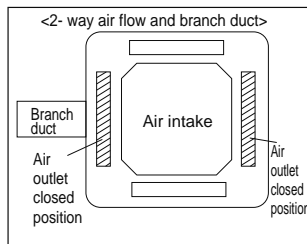
5. Branch duct and change of outlet numbers



※ Branch duct should be connected to one of the branch duct holes on the main unit.



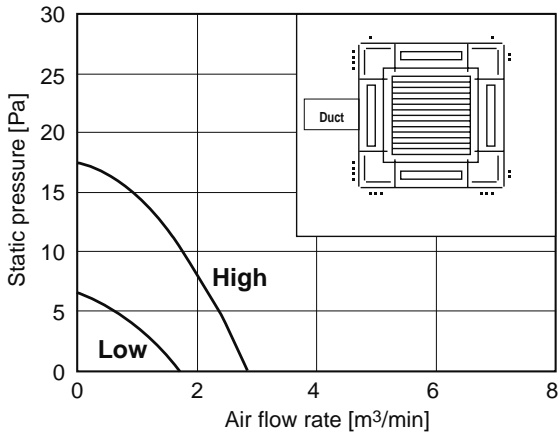
※ Close the outlet on the side of branch duct and air flows in 3 directions.



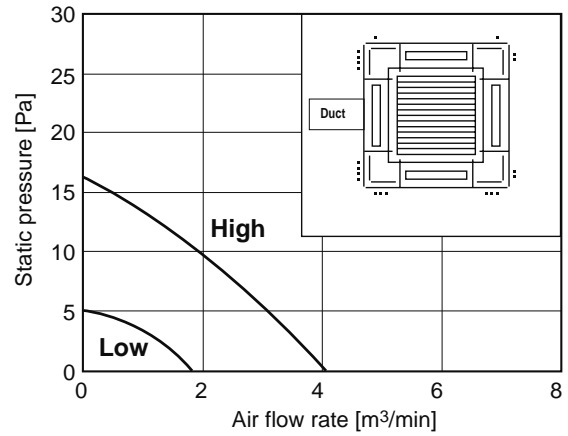
※ The outlet on the side of branch duct and one of the other outlets are closed. Air flow in 2 directions.

PLA-ZM71EA2

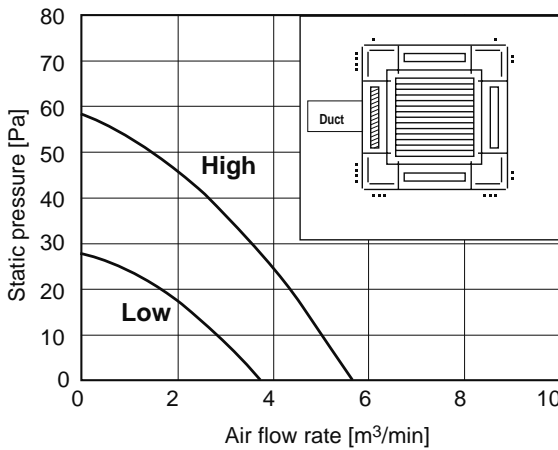
●4-way air flow (horizontal vane) Round duct



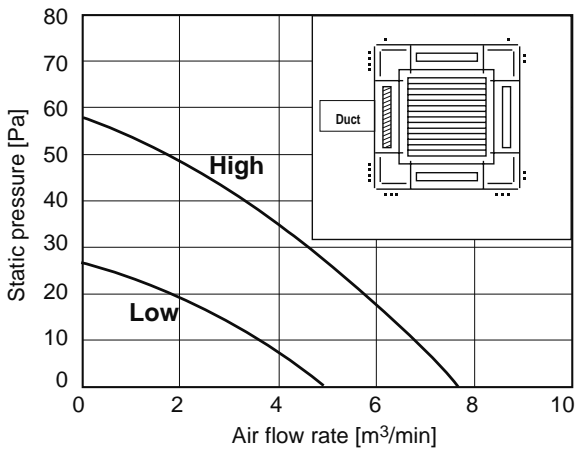
●4-way air flow (horizontal vane) Rectangular duct



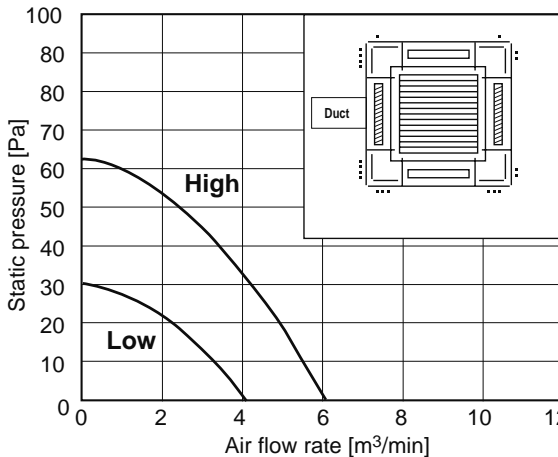
●3-way air flow (horizontal vane) Round duct



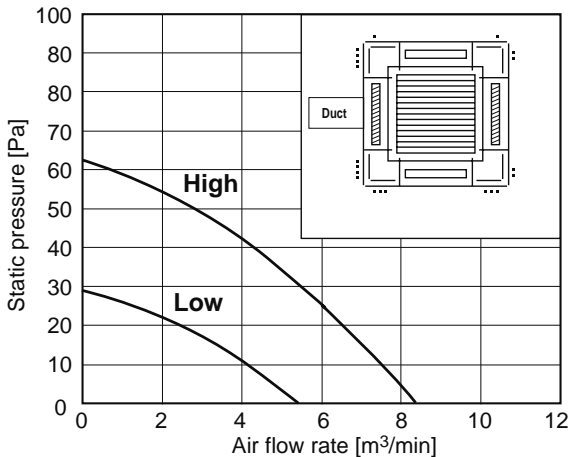
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



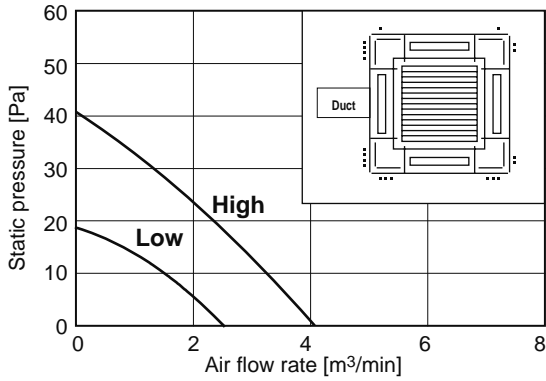
●2-way air flow (horizontal vane) Rectangular duct



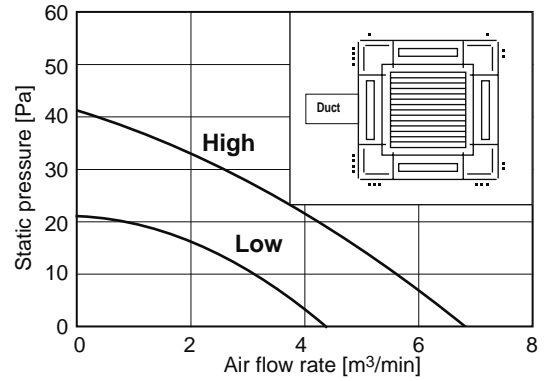
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM35,50,60EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM71EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-ZM140EA2

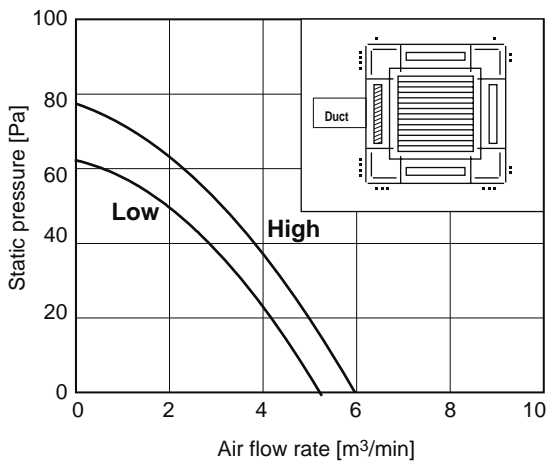
●4-way air flow (horizontal vane) Round duct



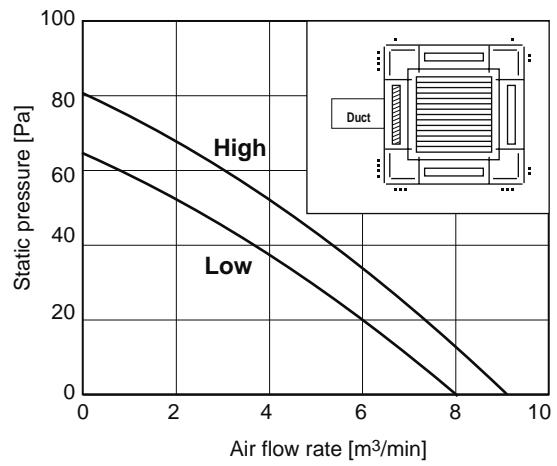
●4-way air flow (horizontal vane) Rectangular duct



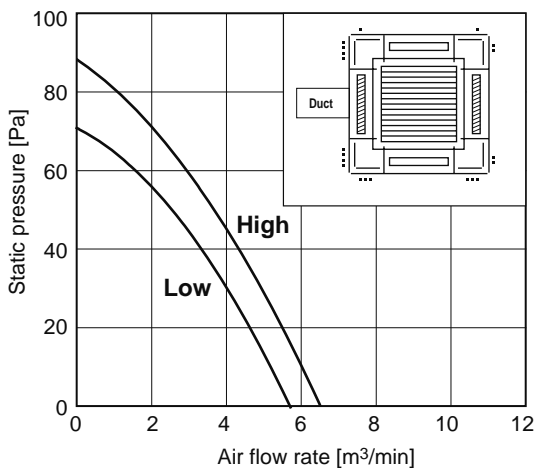
●3-way air flow (horizontal vane) Round duct



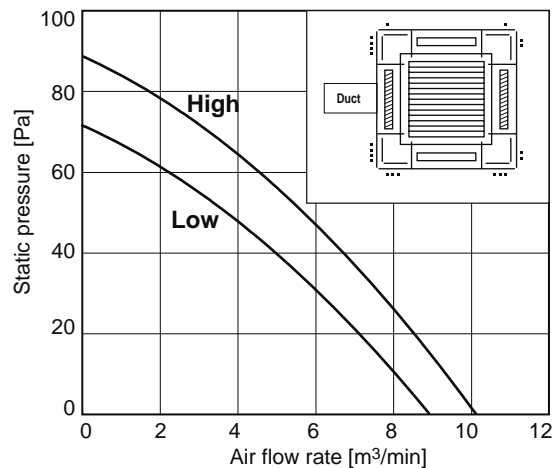
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



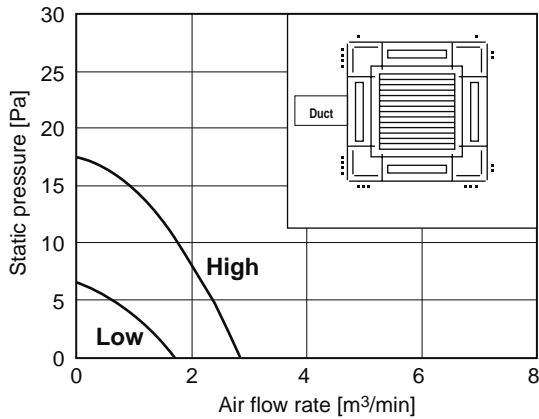
●2-way air flow (horizontal vane) Rectangular duct



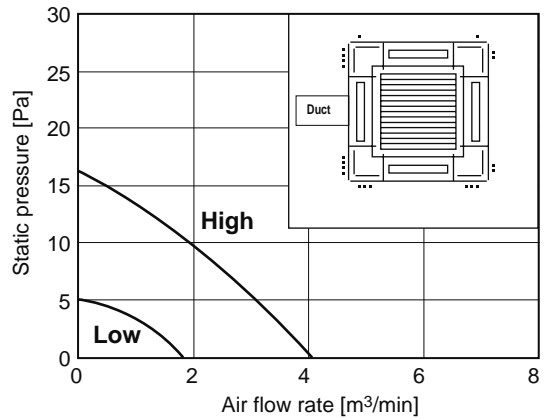
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZM100,125EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZM140EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

**PLA-M71EA2
PLA-SM71EA**

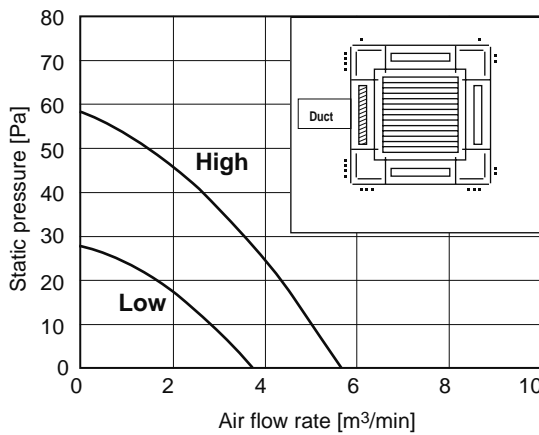
●4-way air flow (horizontal vane) Round duct



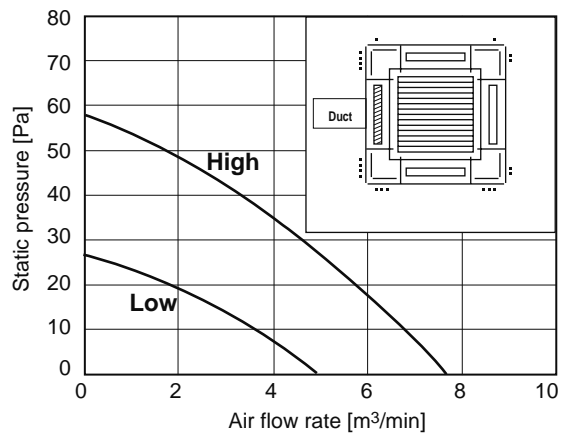
●4-way air flow (horizontal vane) Rectangular duct



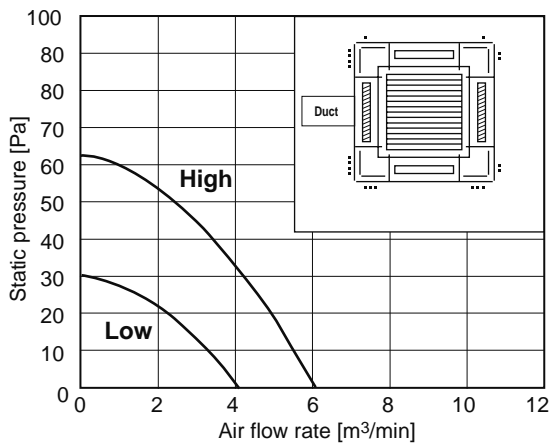
●3-way air flow (horizontal vane) Round duct



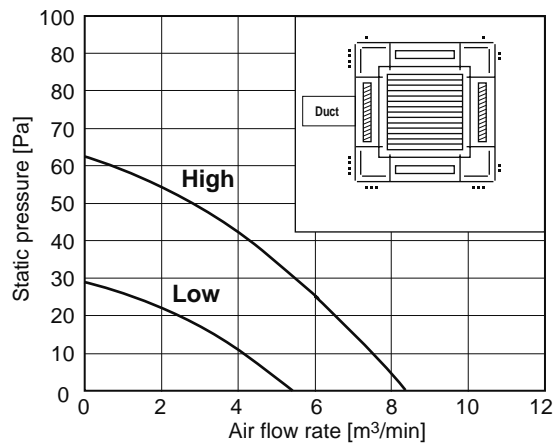
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



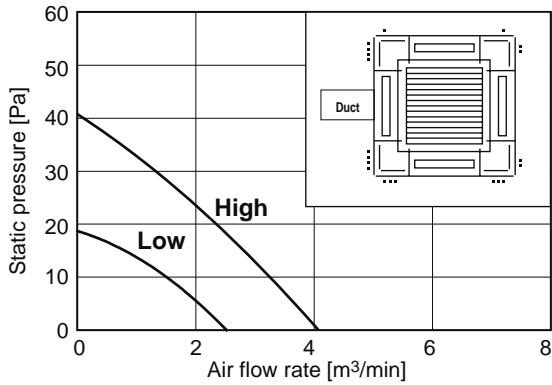
●2-way air flow (horizontal vane) Rectangular duct



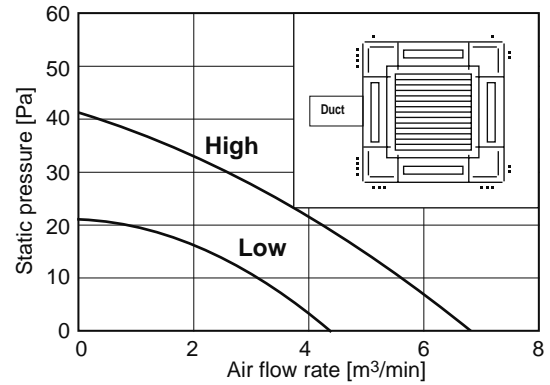
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M35,50,60EA2 can be calculated from the air flow rate based on the characteristic of the duct for PLA-M71EA2.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

PLA-M140EA2
PLA-SM140EA

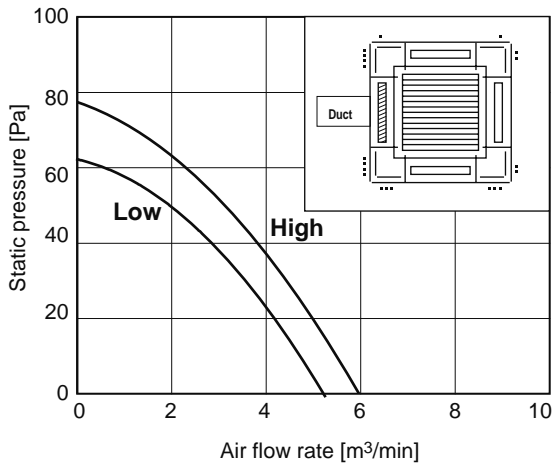
●4-way air flow (horizontal vane) Round duct



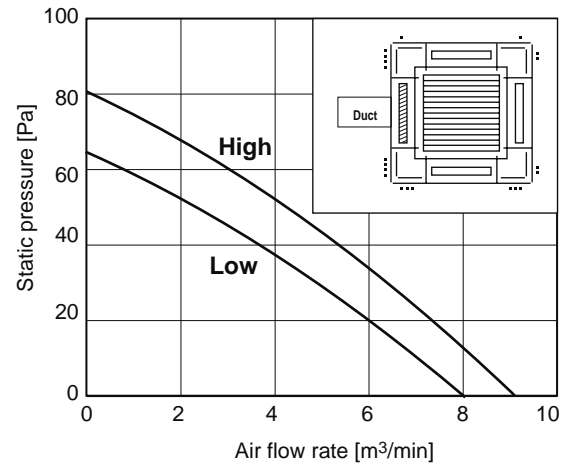
●4-way air flow (horizontal vane) Rectangular duct



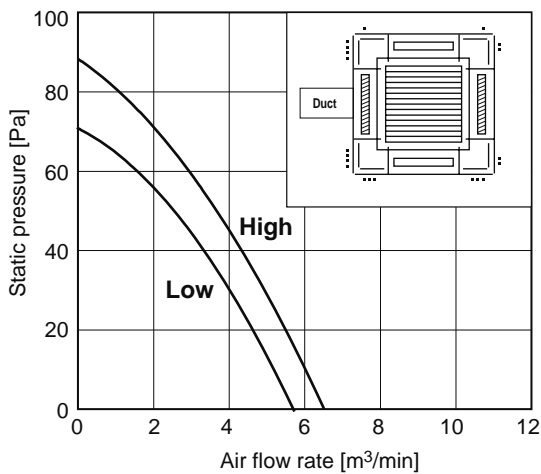
●3-way air flow (horizontal vane) Round duct



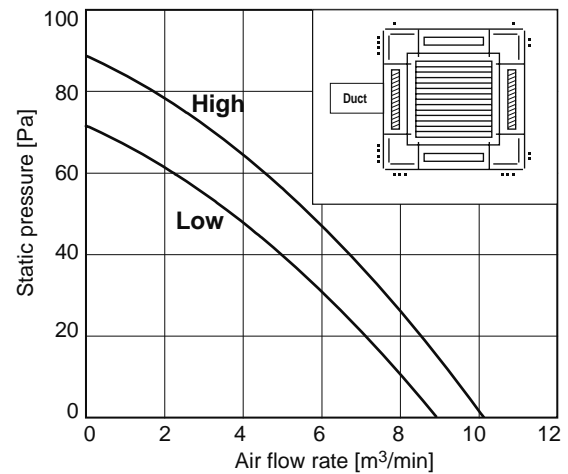
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct

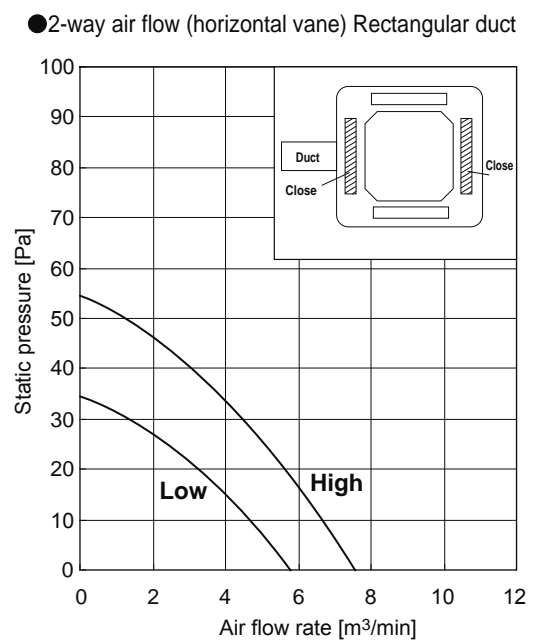
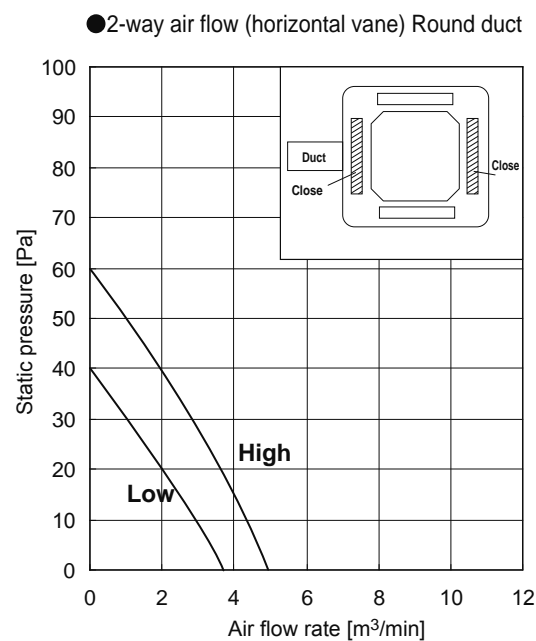
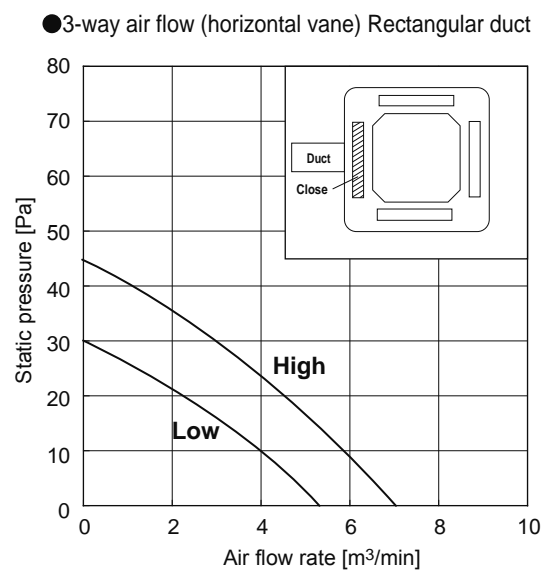
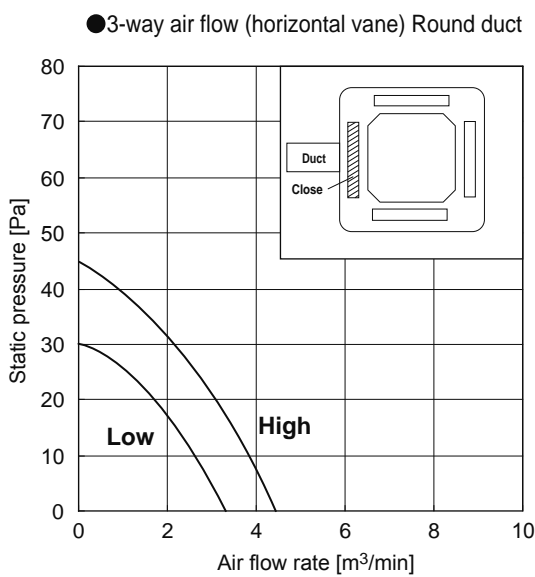
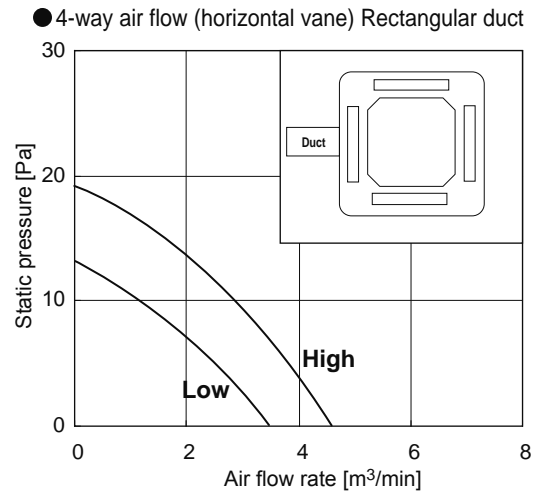
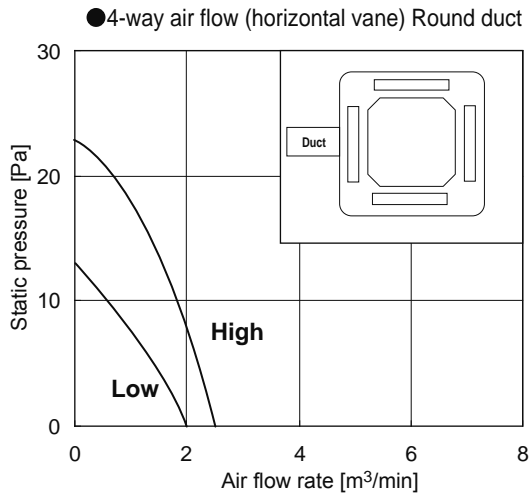


●2-way air flow (horizontal vane) Rectangular duct



- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-M100,125EA2,PLA-SM100,125EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-M140EA2, PLA-SM140EA.
- Use the optional air outlet shutter plate (PAC-SJ37SP-E) for 3-way and 2-way air flow.

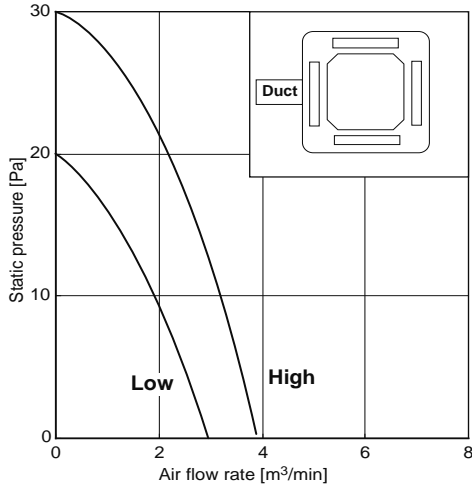
PLA-SM71EA



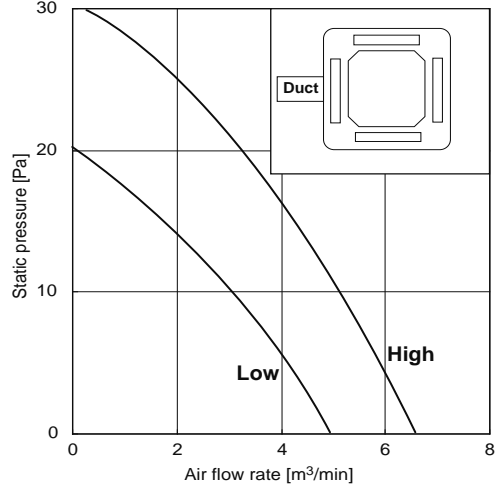
- Use 1 of the 2 duct holes on the indoor unit.
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

PLA-SM125EA

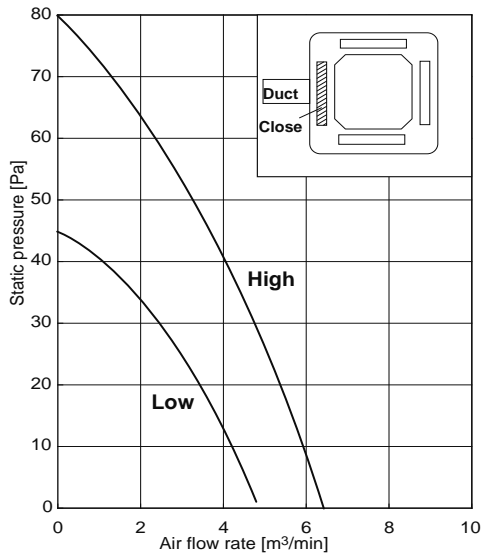
●4-way air flow (horizontal vane) Round duct



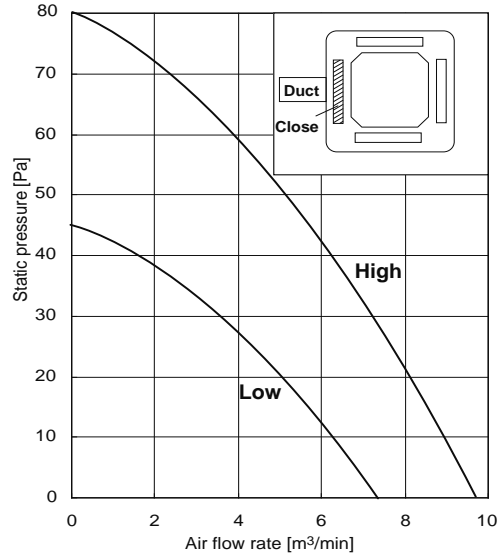
●4-way air flow (horizontal vane) Rectangular duct



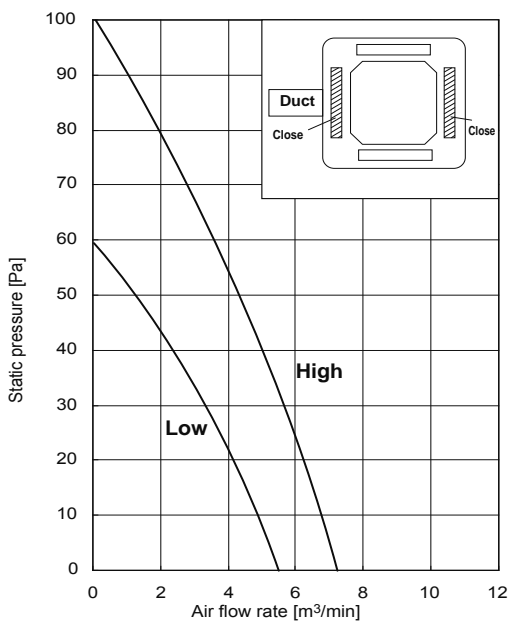
●3-way air flow (horizontal vane) Round duct



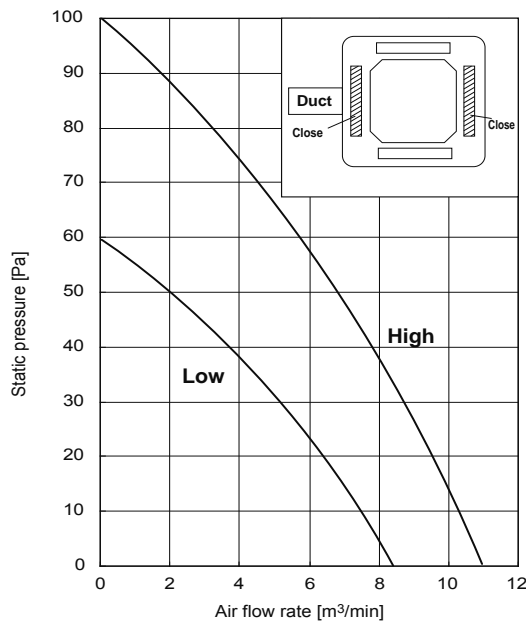
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



●2-way air flow (horizontal vane) Rectangular duct



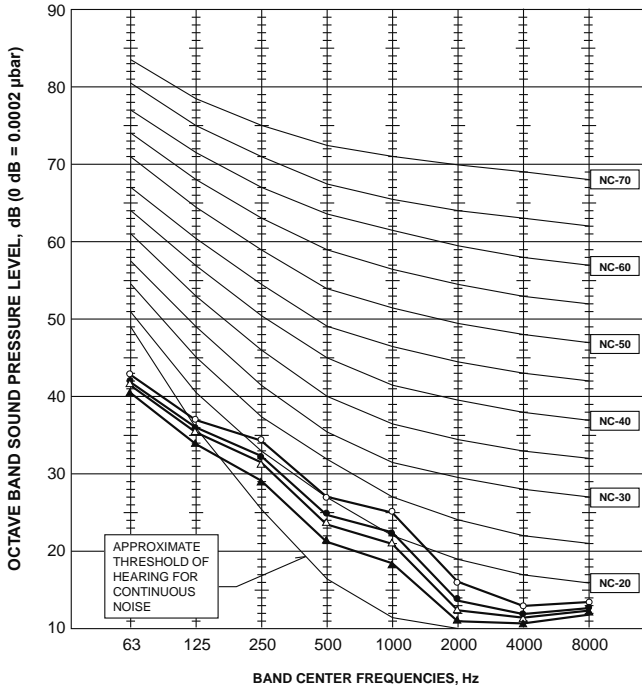
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate PLA-SM100EA, PLA-SM140EA can be calculated from the air flow rate based on the characteristic of the duct for PLA-SM125EA
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

CEILING CASSETTE FRESH AIR INTAKE AND BRANCH DUCT

A.1.7 NOISE CRITERIA CURVES

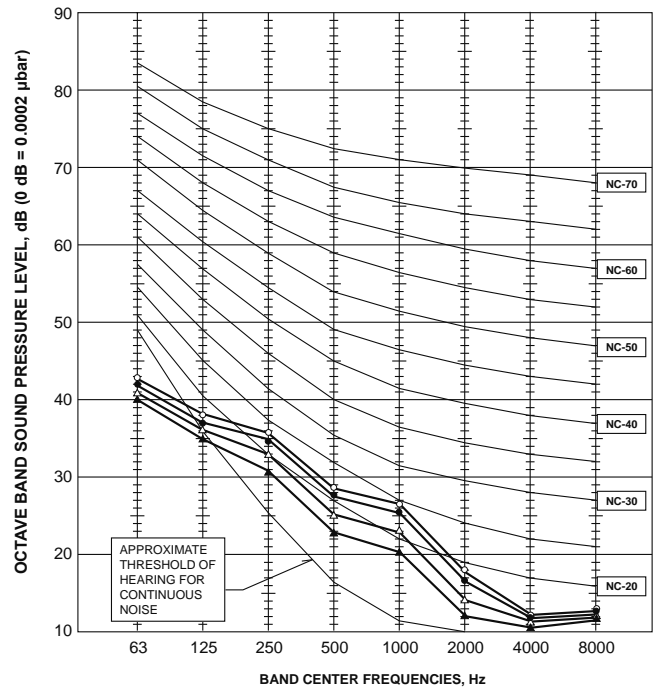
PLA-ZM35EA2

NOTCH	SPL(dB)	LINE
High	31	○—○
Medium1	29	●—●
Medium2	28	△—△
Low	26	▲—▲



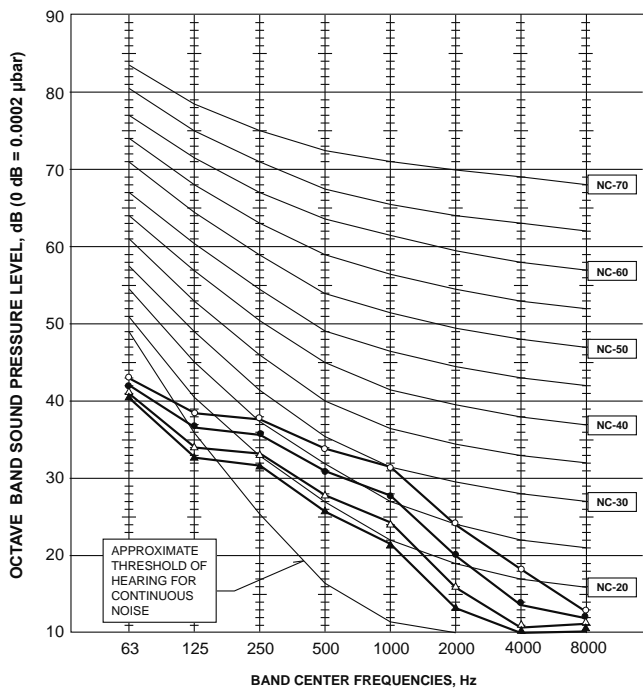
PLA-ZM50EA2 PLA-ZM60EA2

	SPL(dB)	LINE
	32	○—○
	31	●—●
Medium2	29	△—△
Low	27	▲—▲



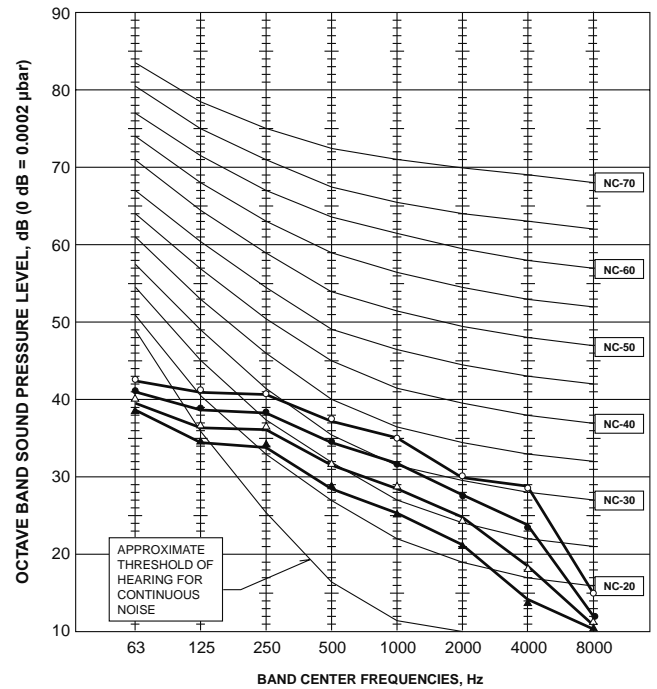
PLA-ZM71EA2

	SPL(dB)	LINE
High	36	○—○
Medium1	33	●—●
Medium2	30	△—△
Low	28	▲—▲



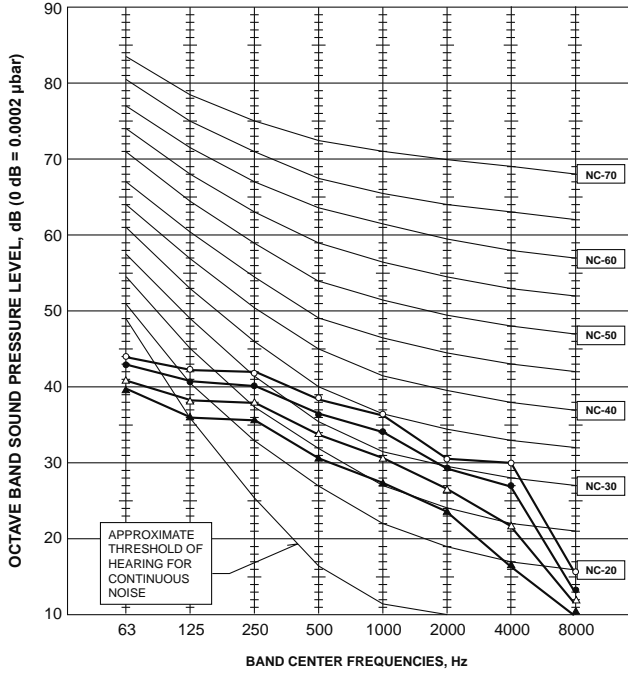
PLA-ZM100EA2

	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	31	▲—▲



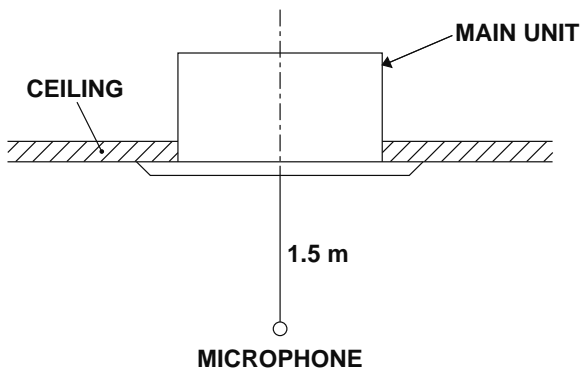
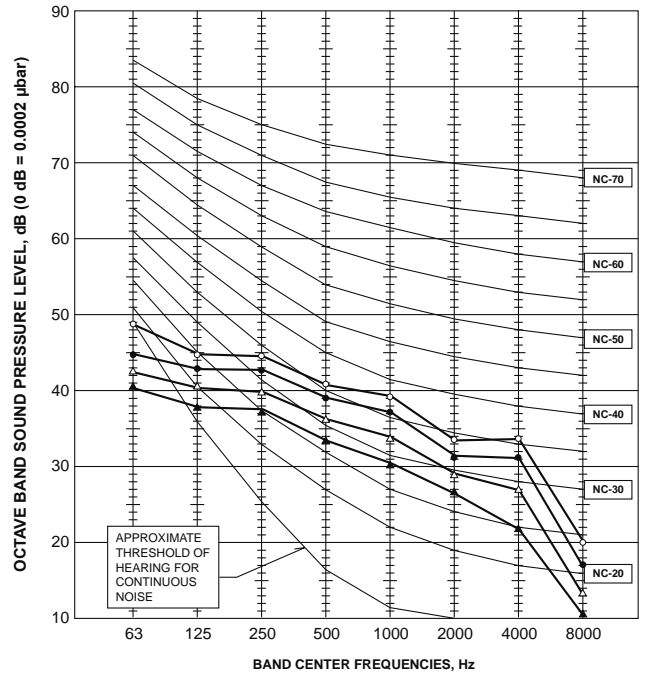
PLA-ZM125EA2

NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	●—●
Medium2	36	△—△
Low	33	▲—▲



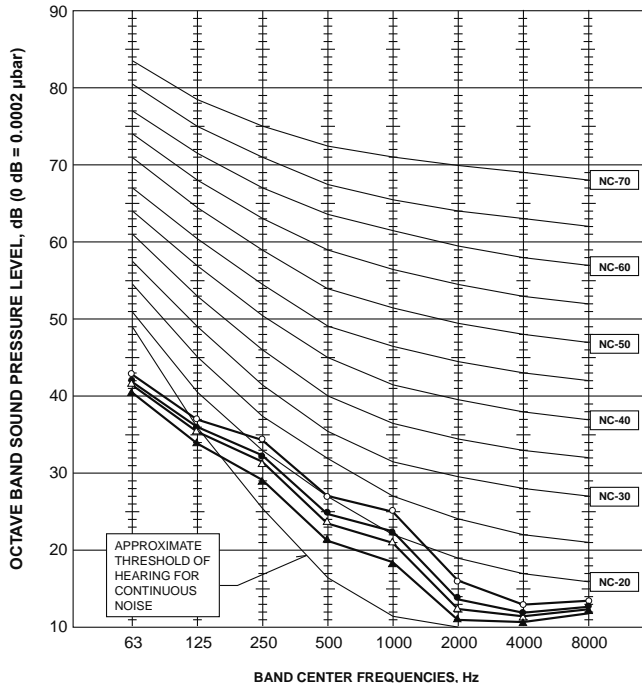
PLA-ZM140EA2

	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲



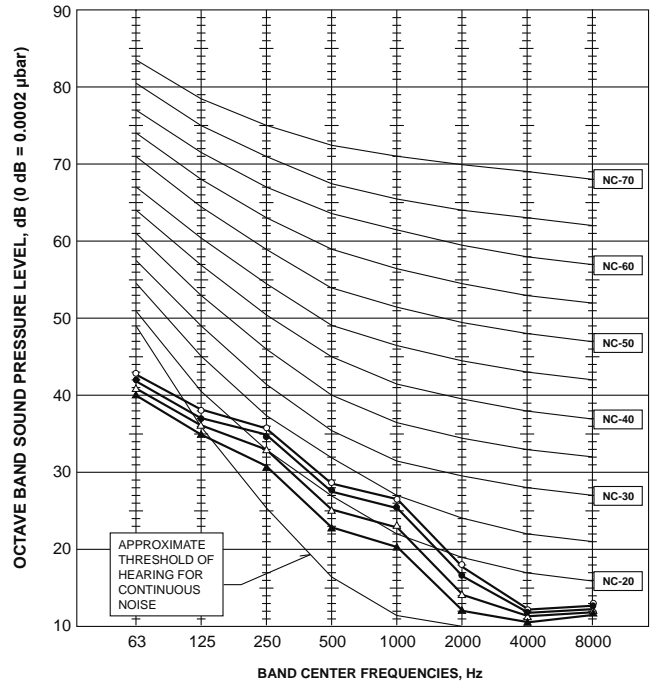
PLA-M35EA2

NOTCH	SPL(dB)	LINE
High	31	○—○
Medium1	29	●—●
Medium2	28	△—△
Low	26	▲—▲



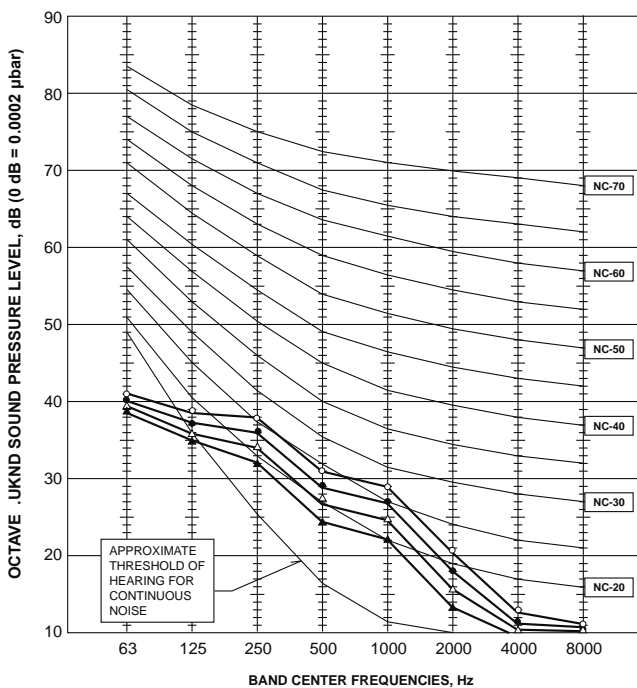
**PLA-M50EA2
PLA-M60EA2**

NOTCH	SPL(dB)	LINE
High	32	○—○
Medium1	31	●—●
Medium2	29	△—△
Low	27	▲—▲



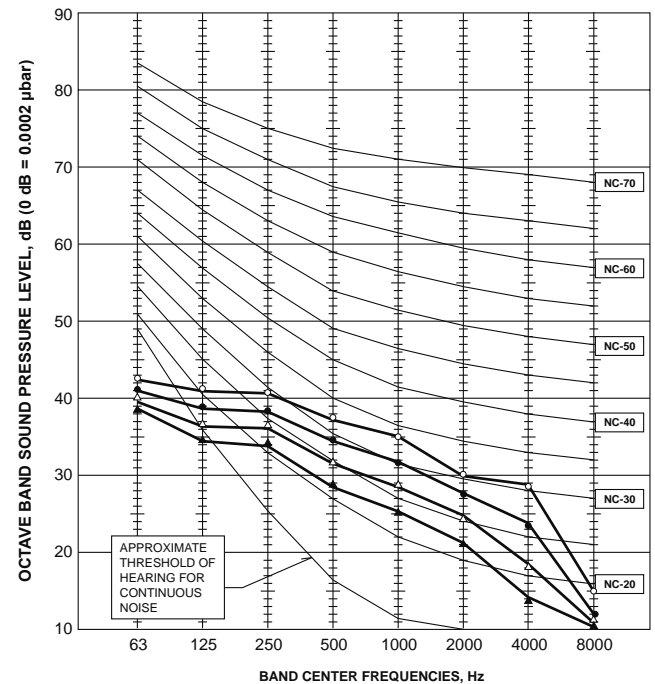
PLA-M71EA2

NOTCH	SPL(dB)	LINE
High	34	○—○
Medium1	32	●—●
Medium2	30	△—△
Low	28	▲—▲



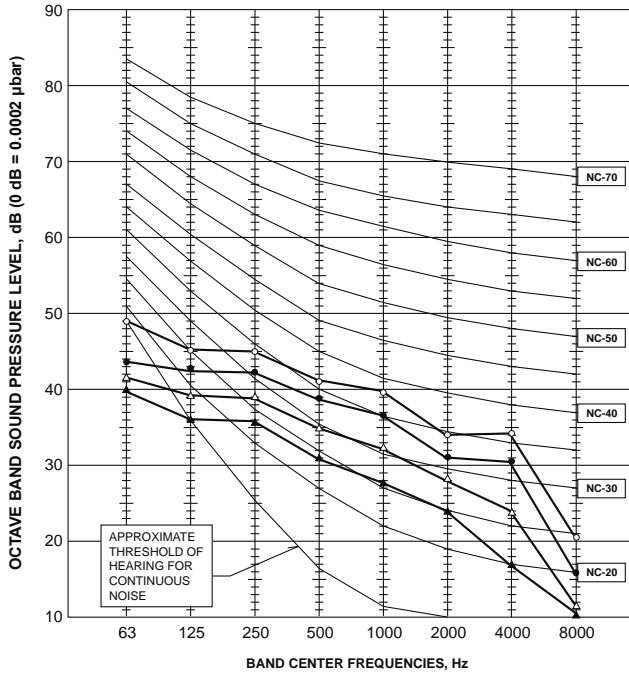
PLA-M100EA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	31	▲—▲



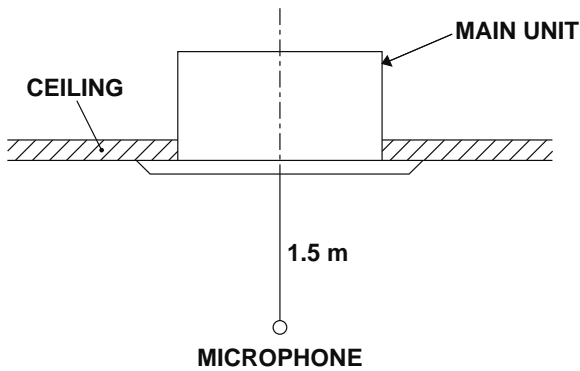
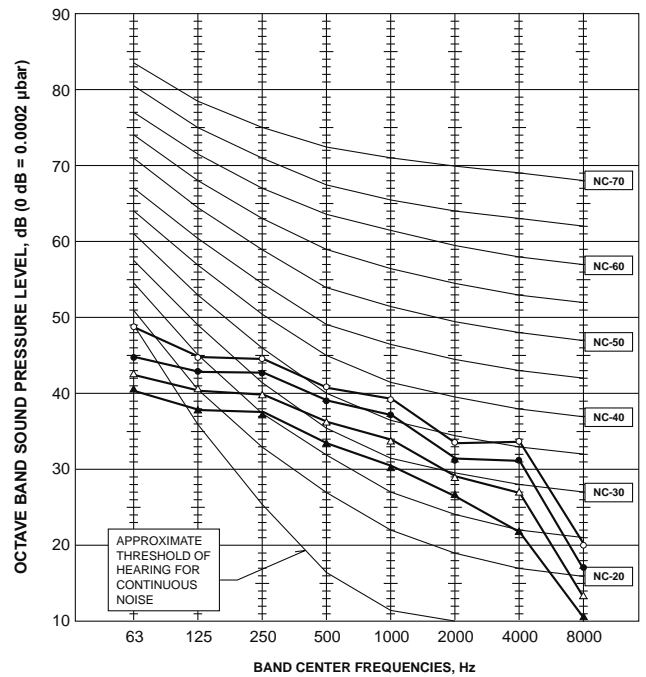
PLA-M125EA2

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	41	●—●
Medium2	37	△—△
Low	33	▲—▲



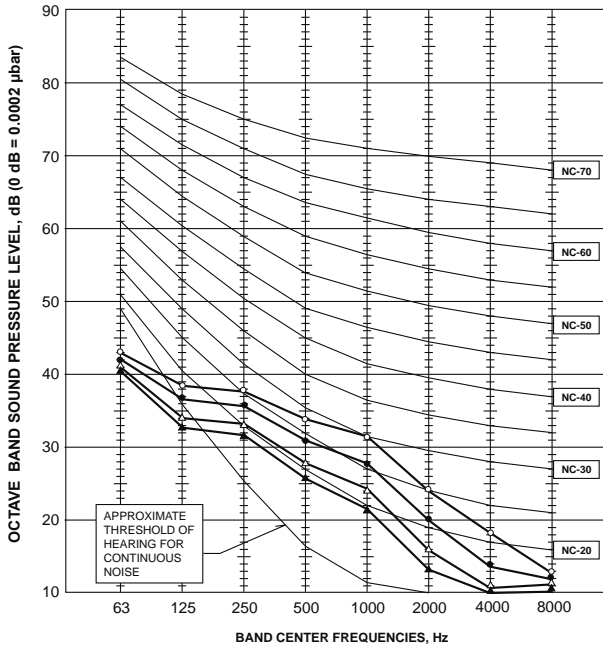
PLA-M140EA2

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲



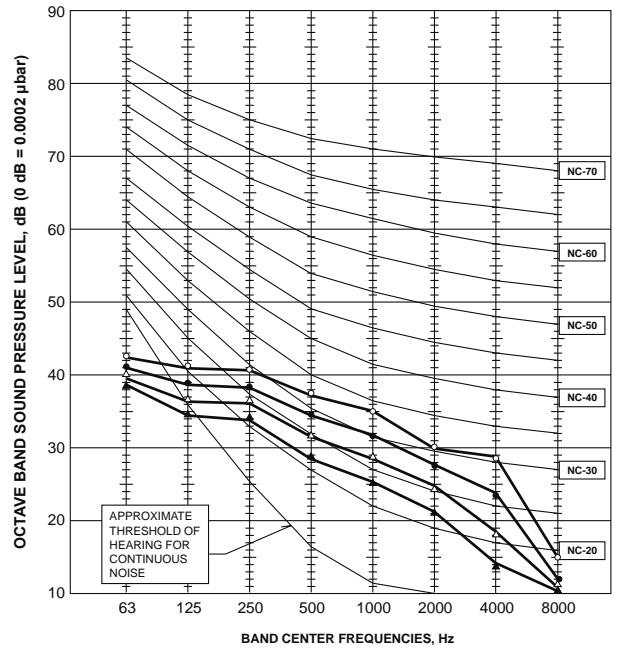
PLA-SM71EA

NOTCH	SPL(dB)	LINE
High	34	○—○
Medium1	32	●—●
Medium2	30	△—△
Low	28	▲—▲



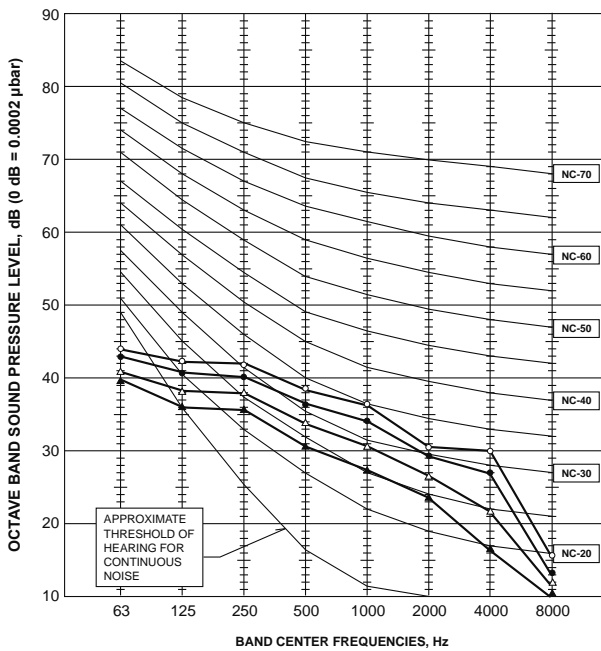
PLA-SM100EA

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	●—●
Medium2	34	△—△
Low	31	▲—▲



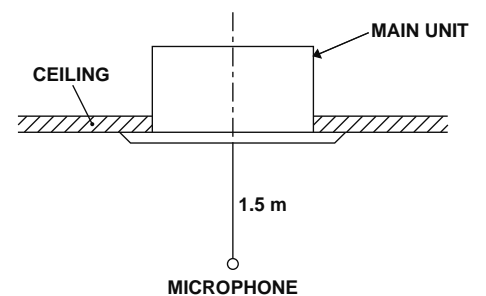
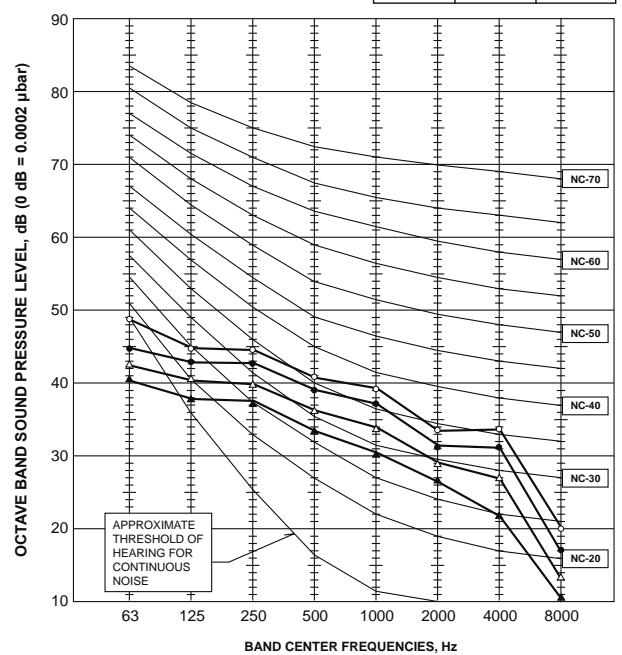
PLA-SM125EA

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	41	●—●
Medium2	37	△—△
Low	33	▲—▲



PLA-SM140EA

NOTCH	SPL(dB)	LINE
High	44	○—○
Medium1	42	●—●
Medium2	39	△—△
Low	36	▲—▲

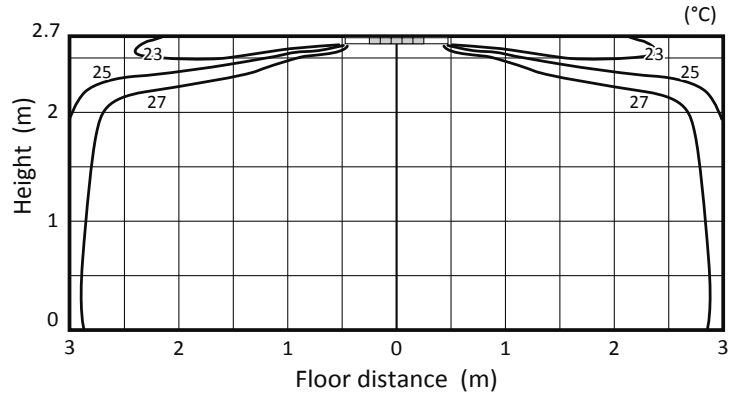


A.1.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

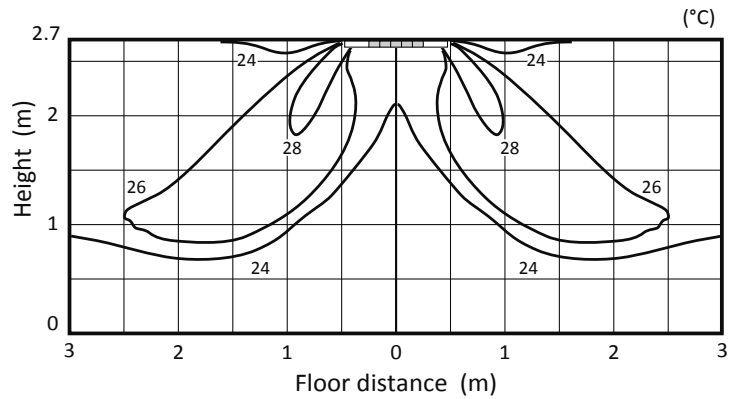
PLA-ZM35EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

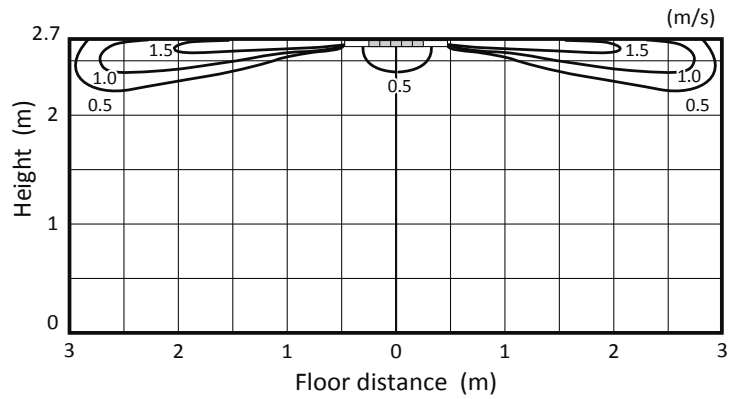


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

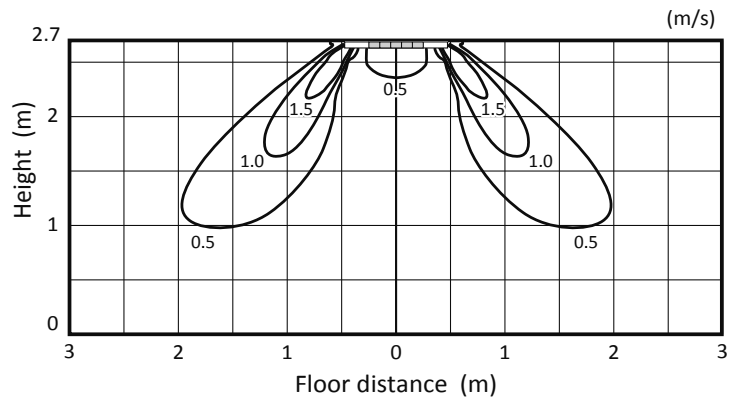


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



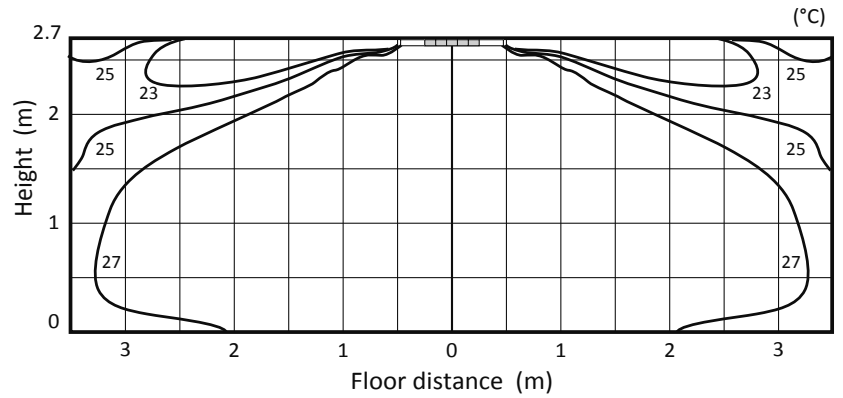
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



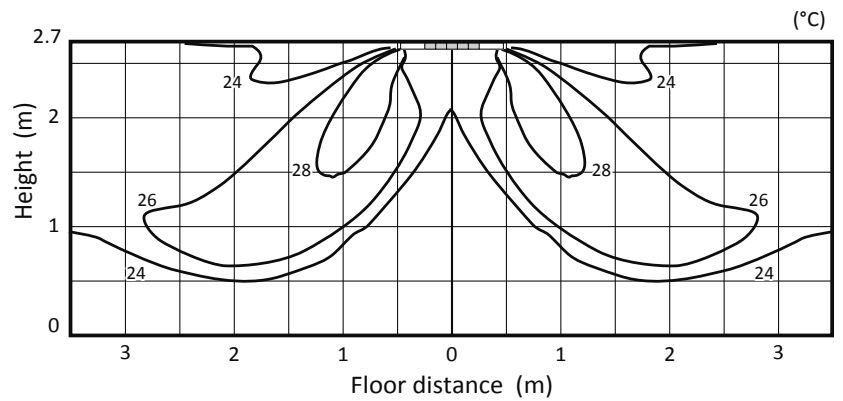
PLA-ZM50EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

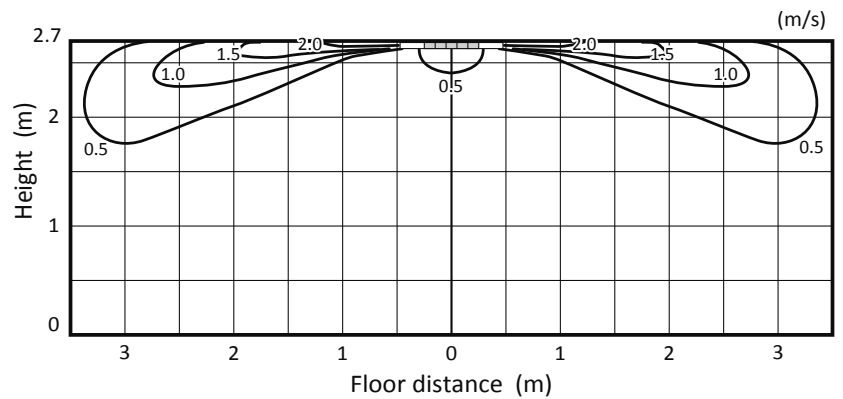


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

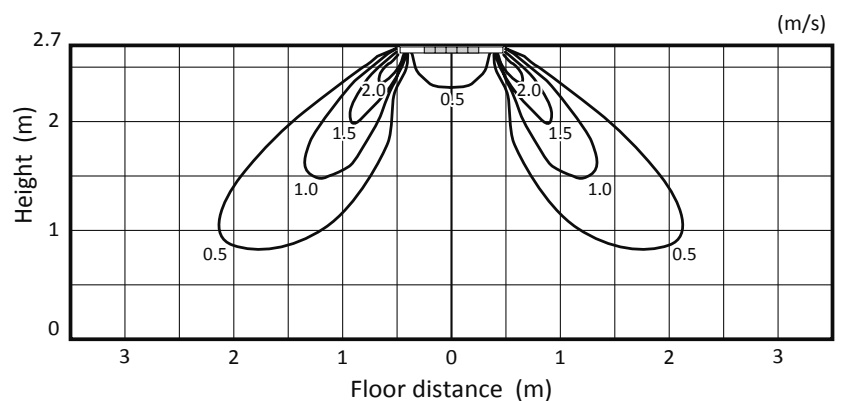


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



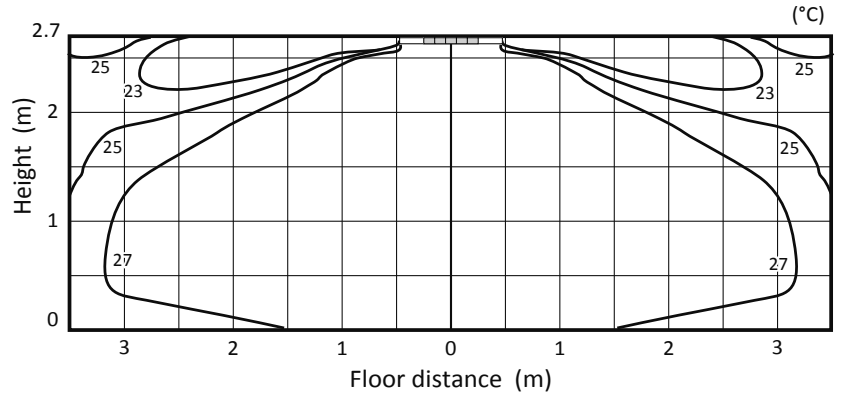
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



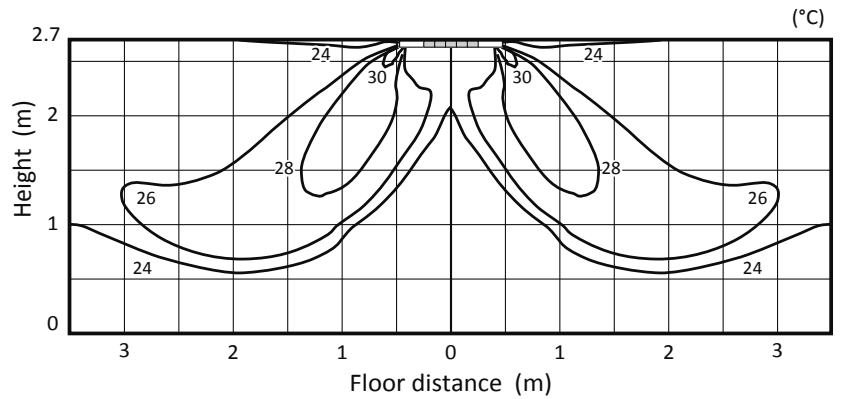
PLA-ZM60EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

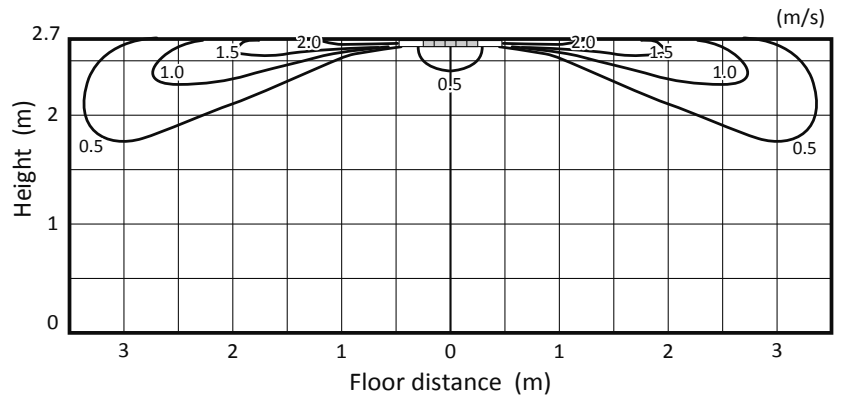


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

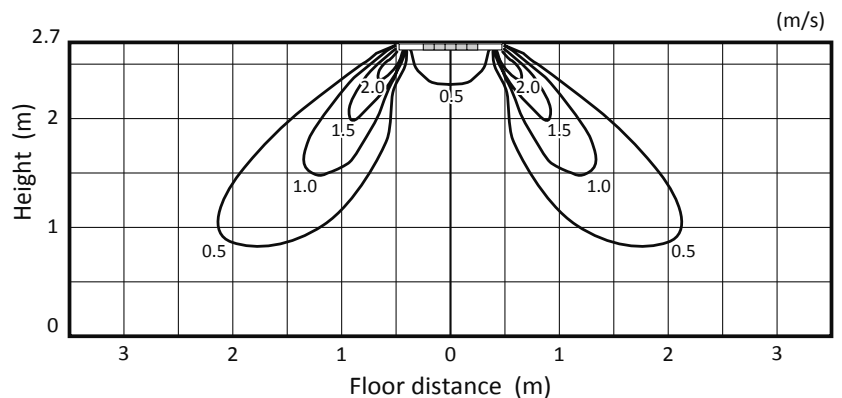


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



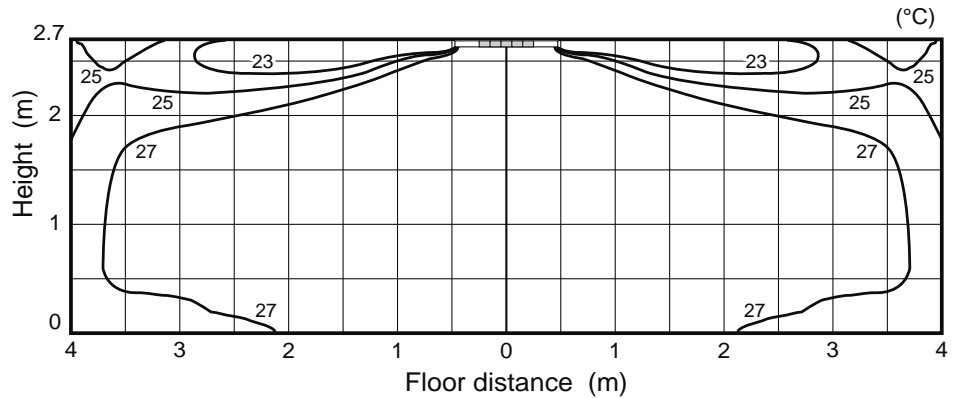
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



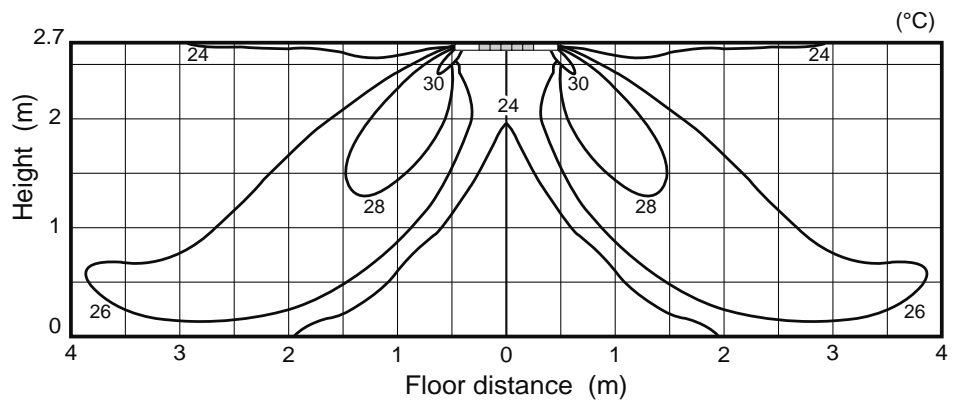
PLA-ZM71EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

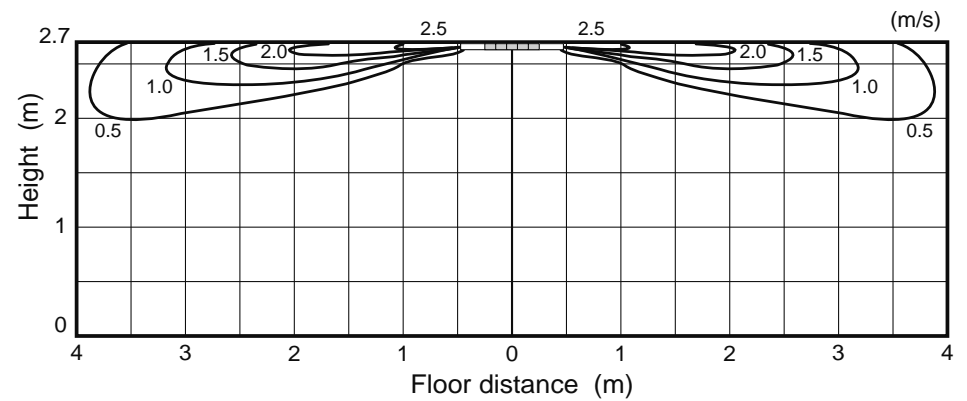


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

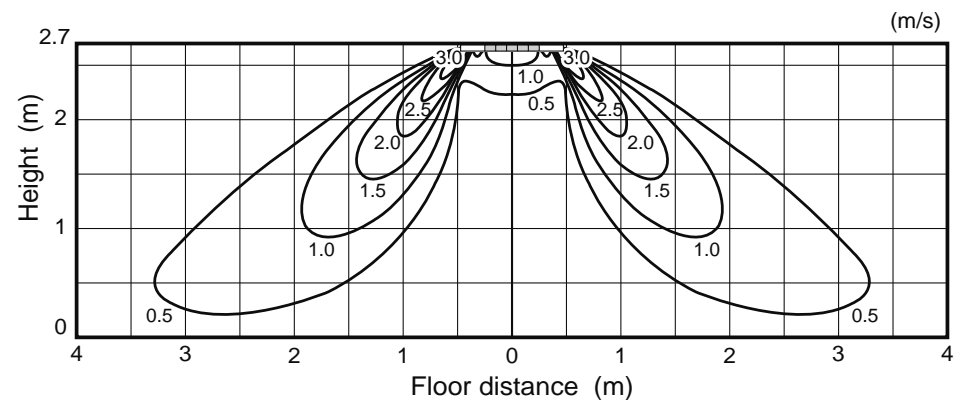


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



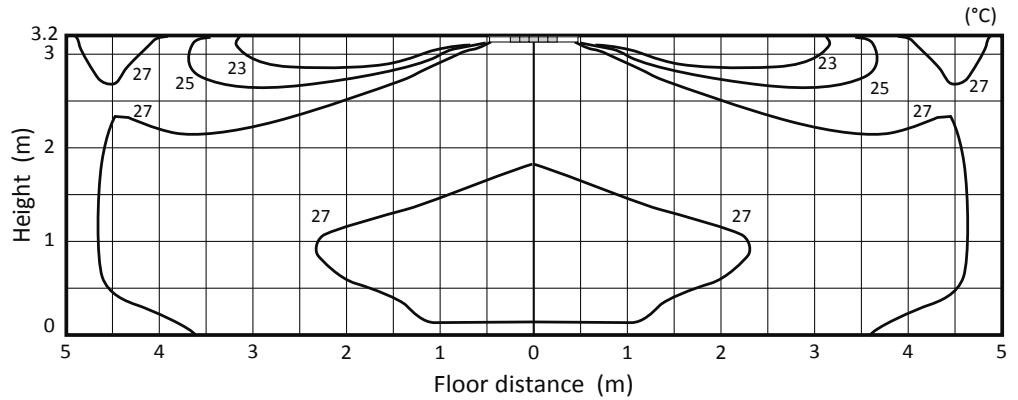
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



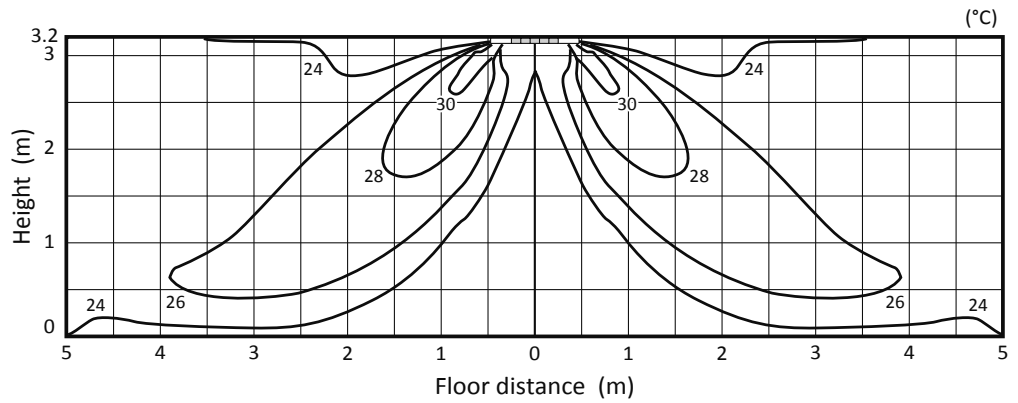
PLA-ZM100EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m

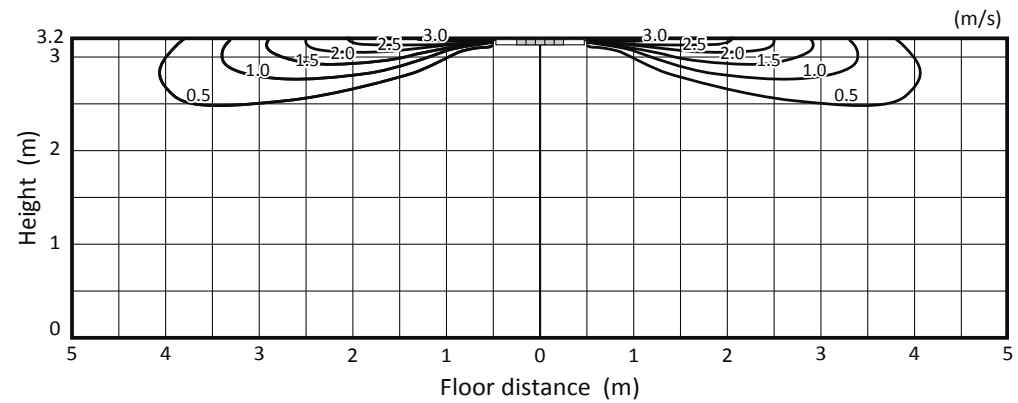


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

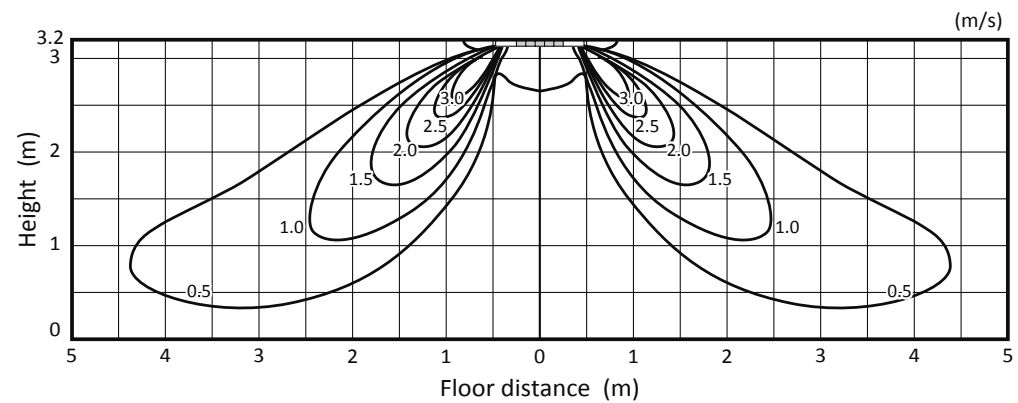


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m



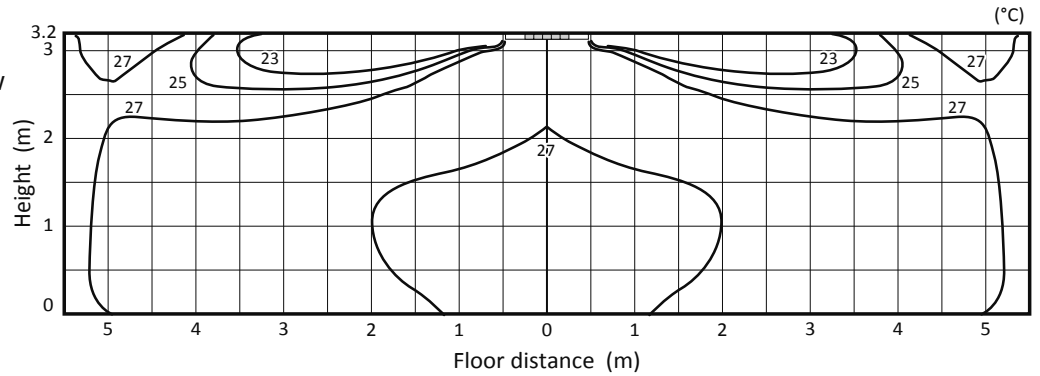
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



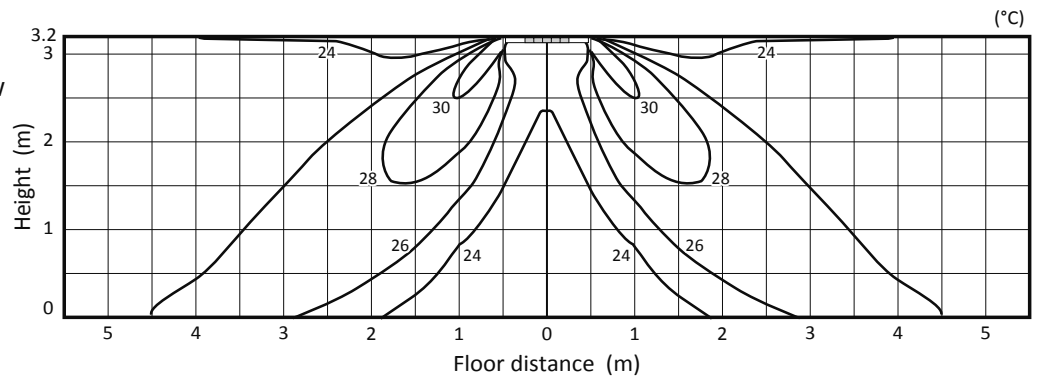
PLA-ZM125EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m

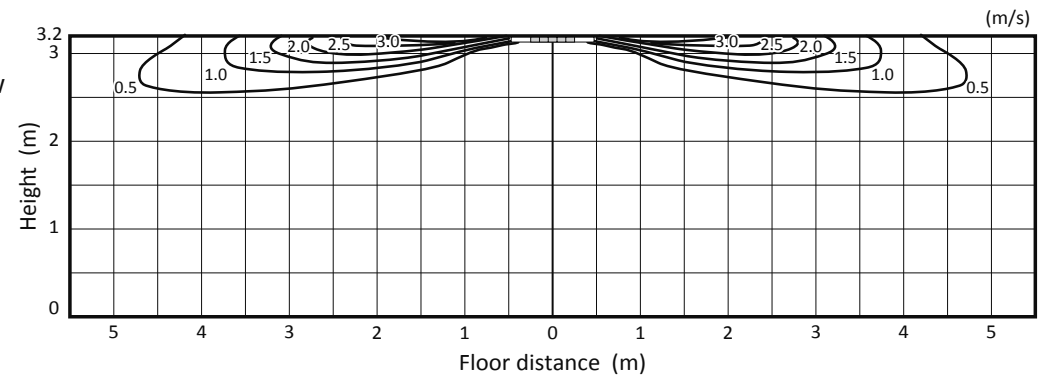


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m

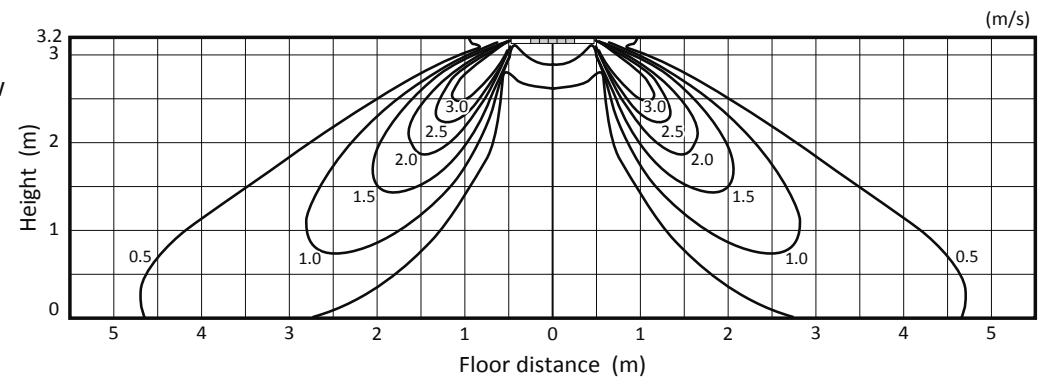


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 3.2m



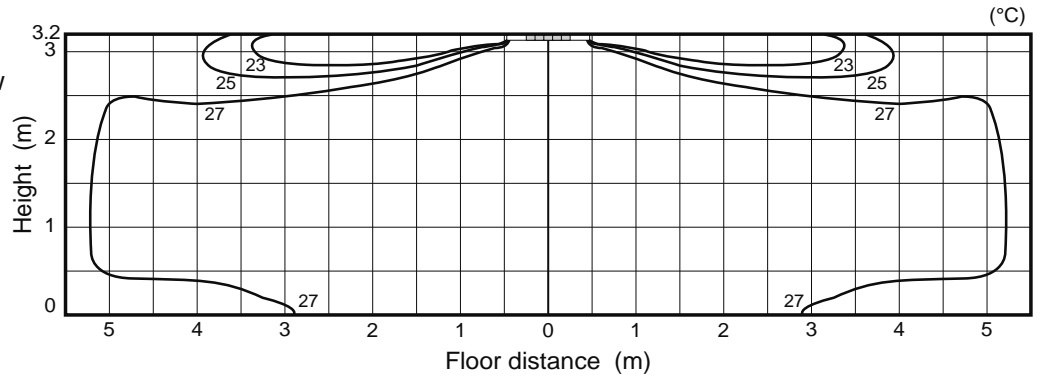
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 3.2m



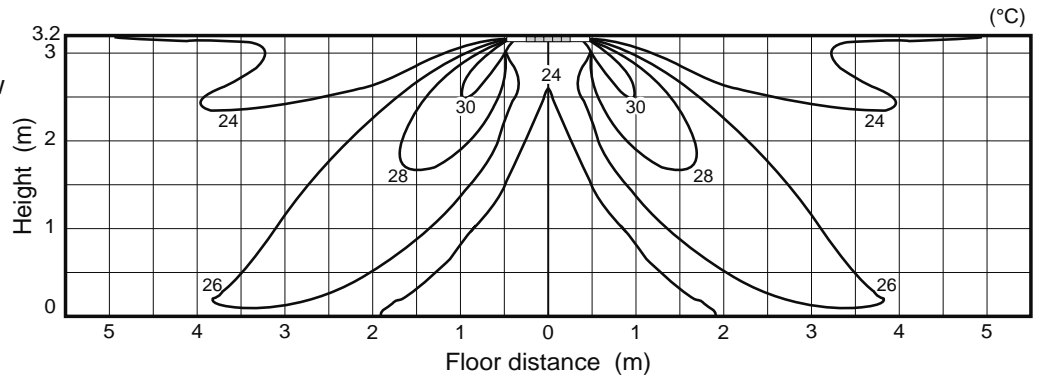
PLA-ZM140EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 3.2m

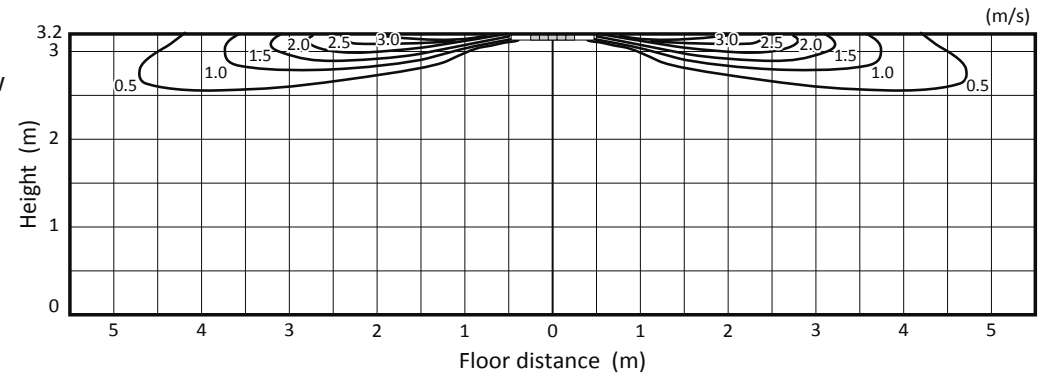


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m

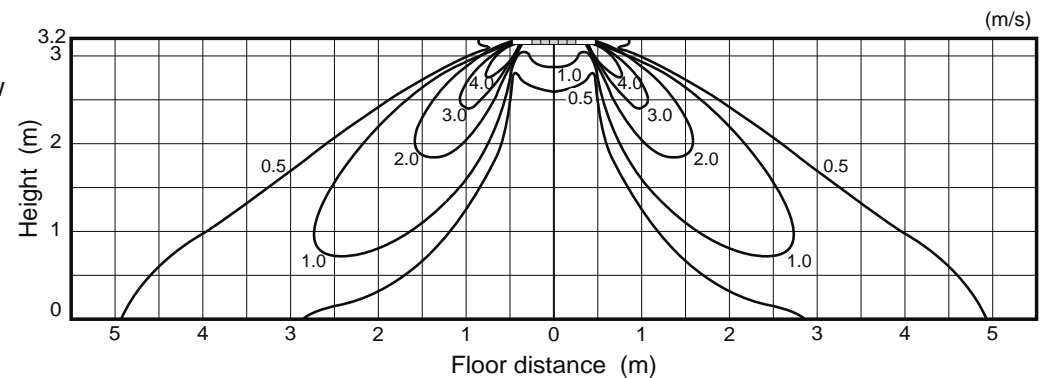


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 3.2m



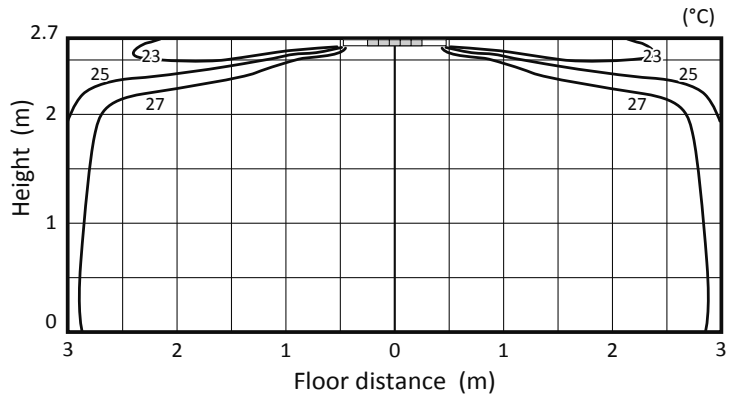
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 3.2m



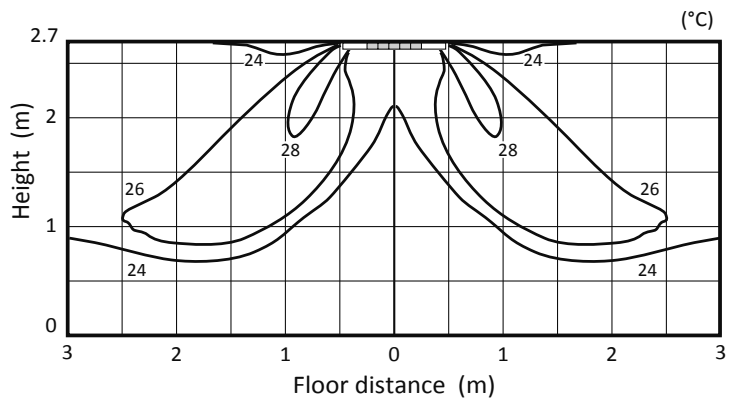
PLA-M35EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

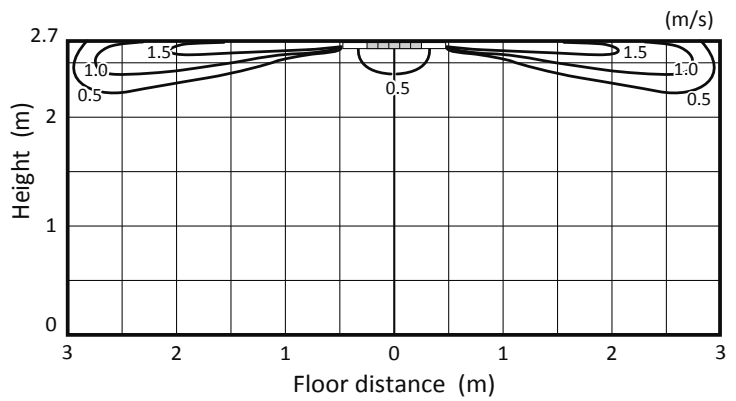


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

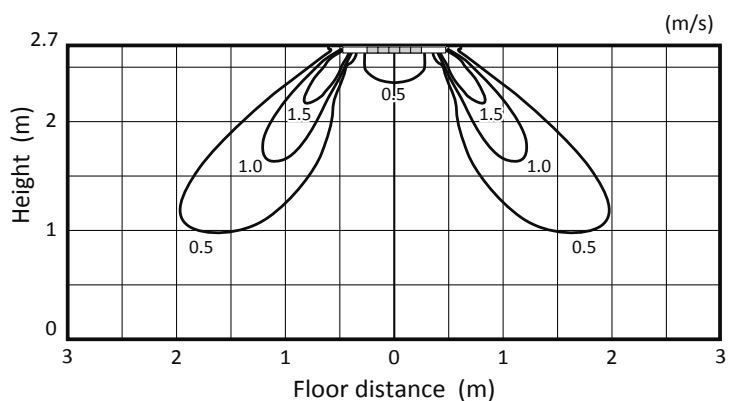


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



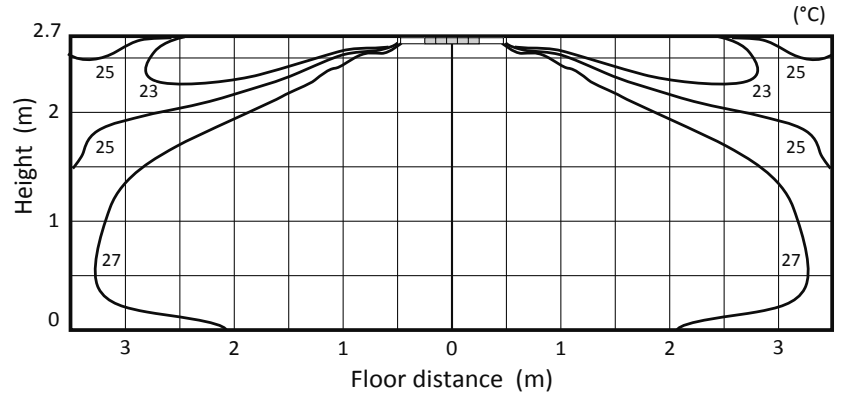
<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



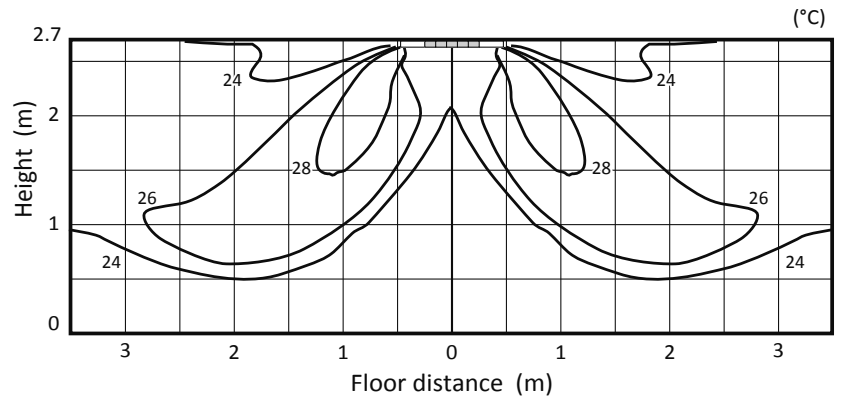
PLA-M50EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

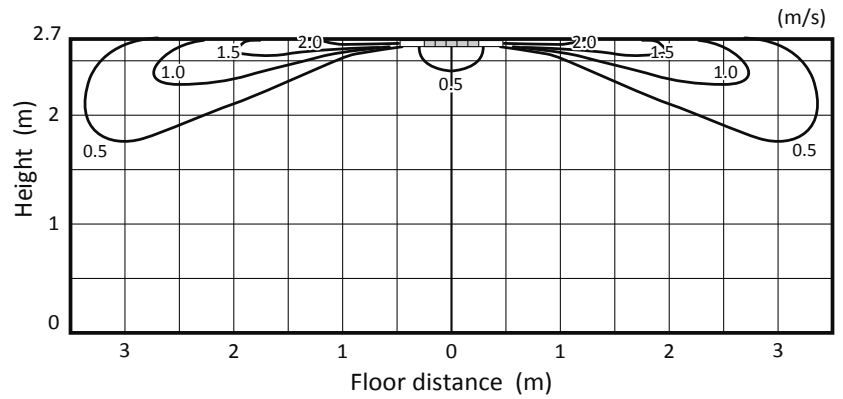


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

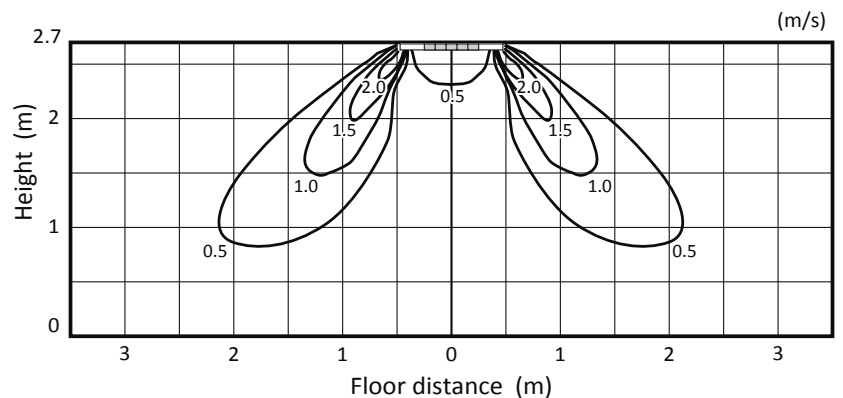


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



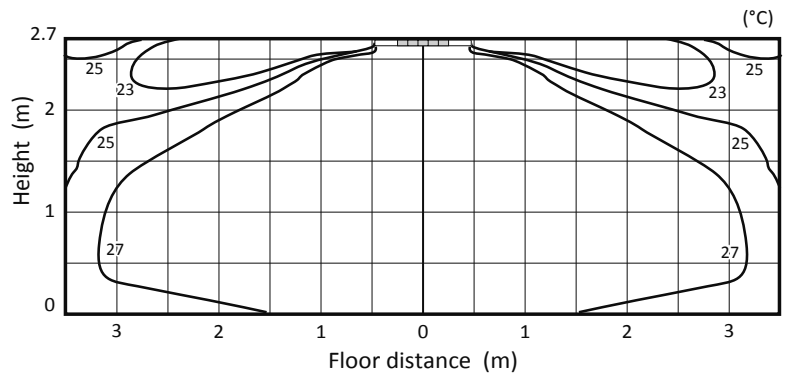
<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m



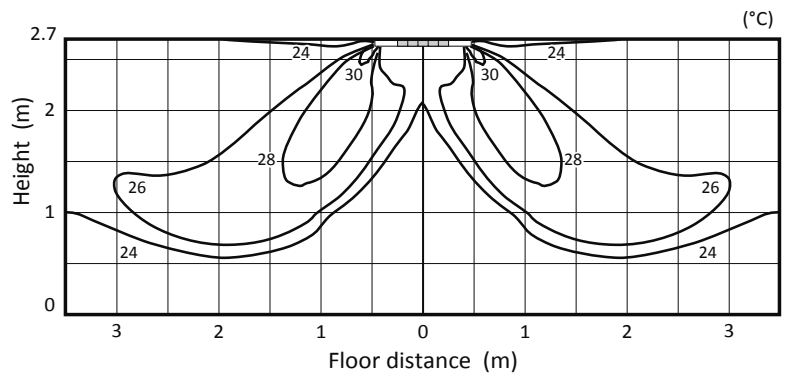
PLA-M60EA2

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

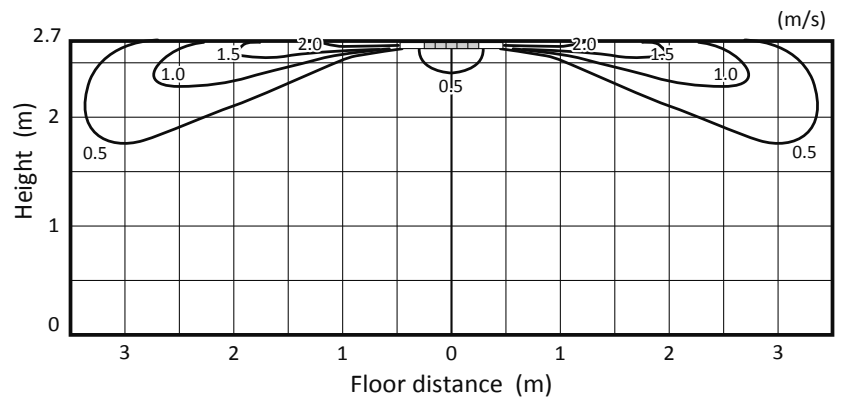


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

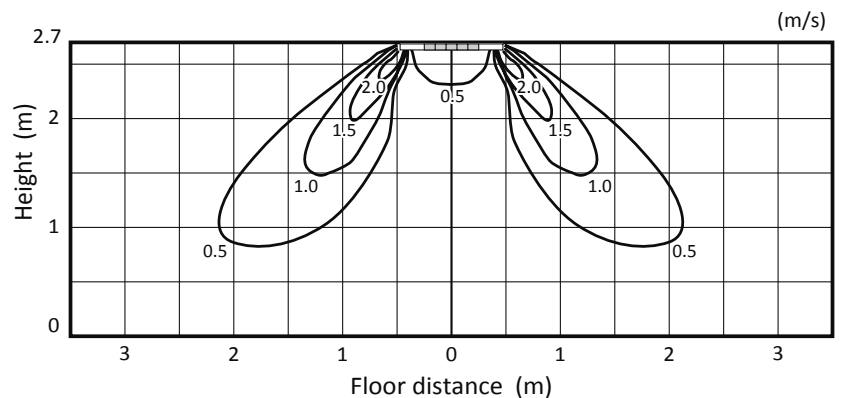


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

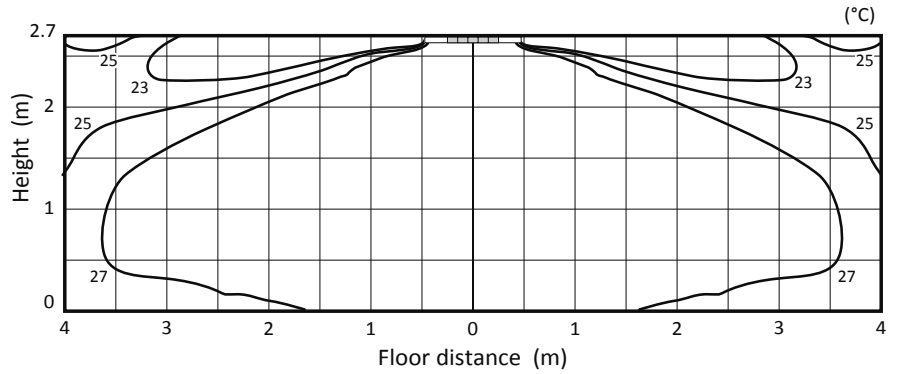


PLA-M71EA2

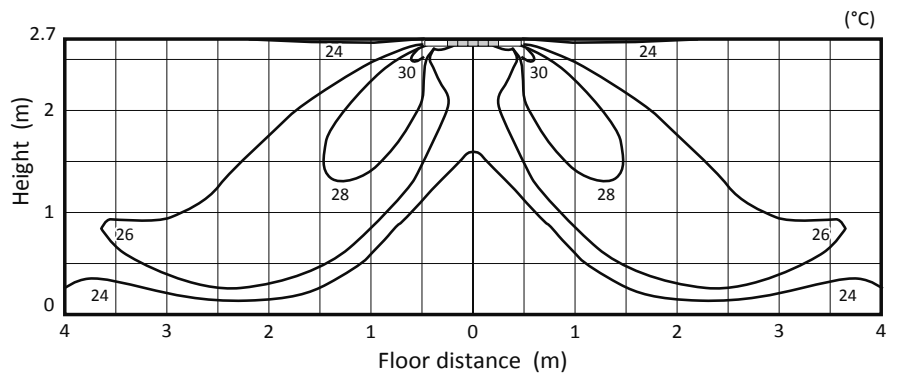
PLA-SM71EA

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

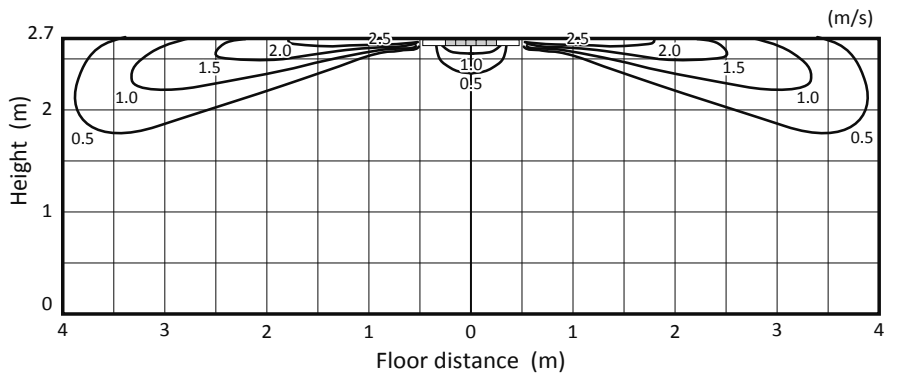


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

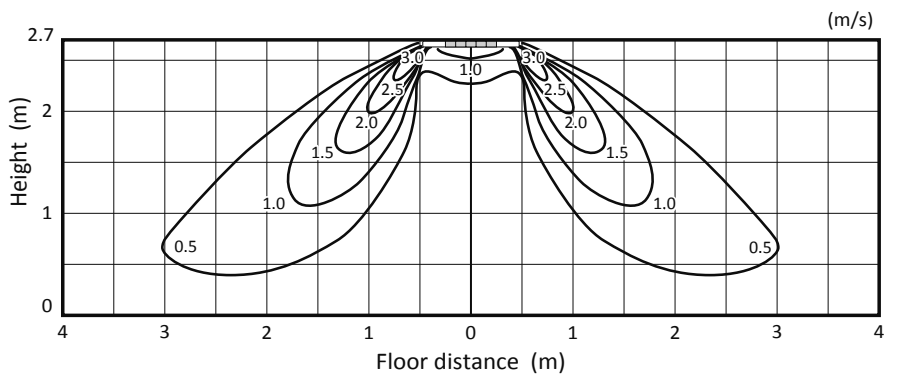


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

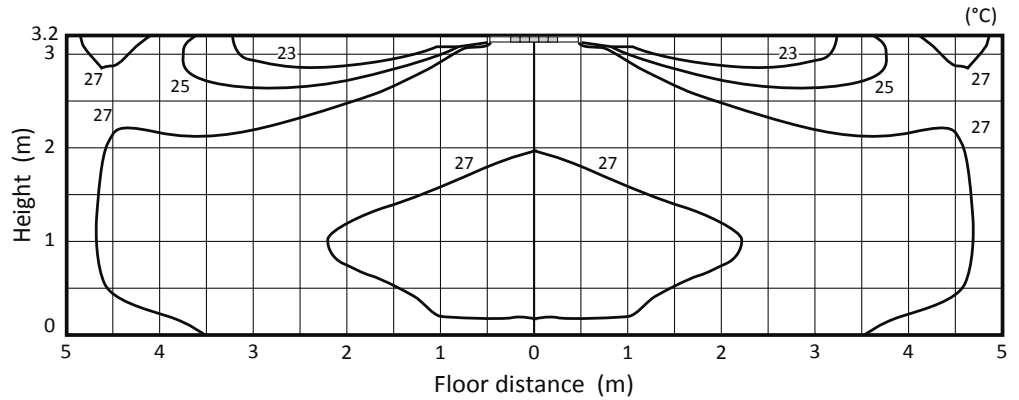


PLA-M100EA2

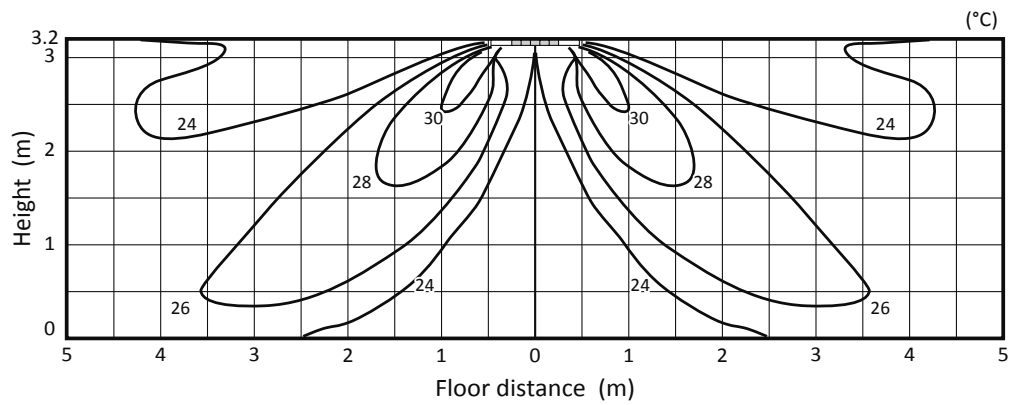
PLA-SM100EA

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

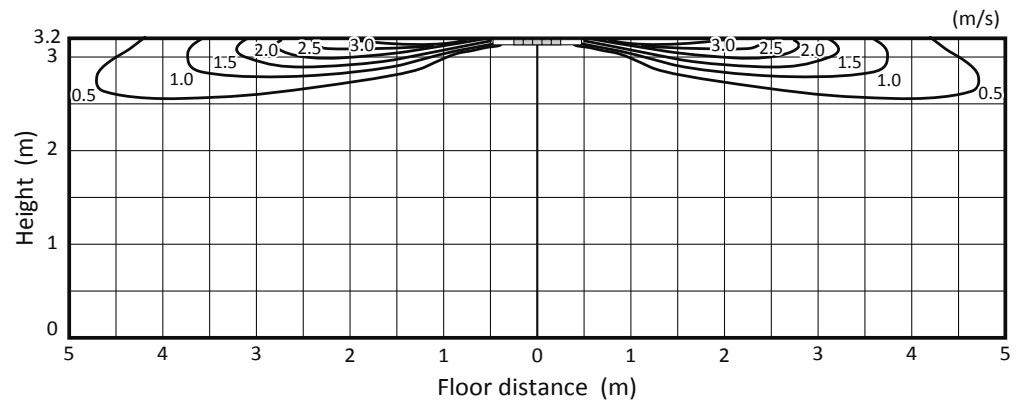


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

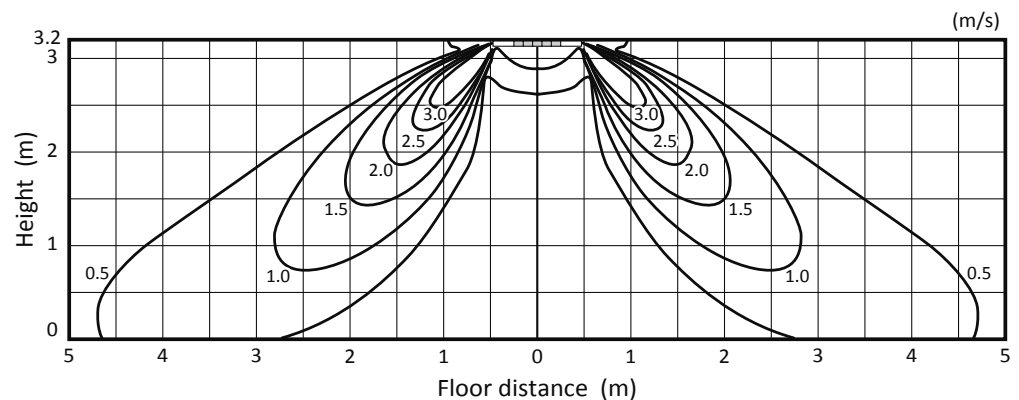


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

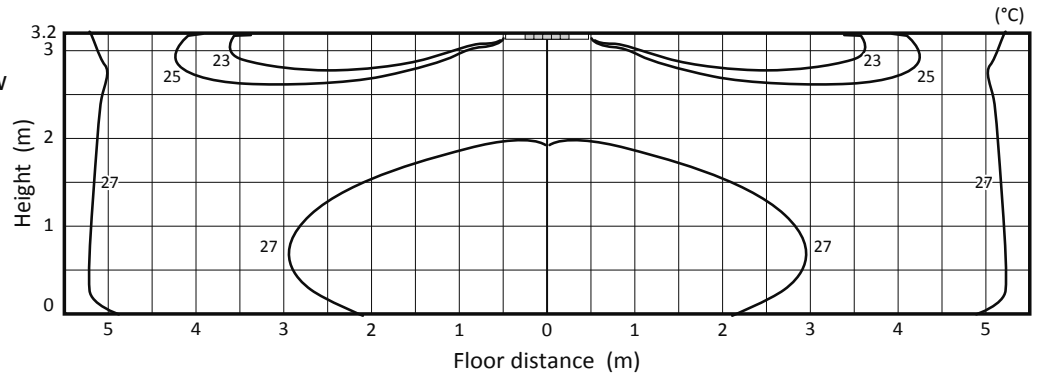


PLA-M125EA2

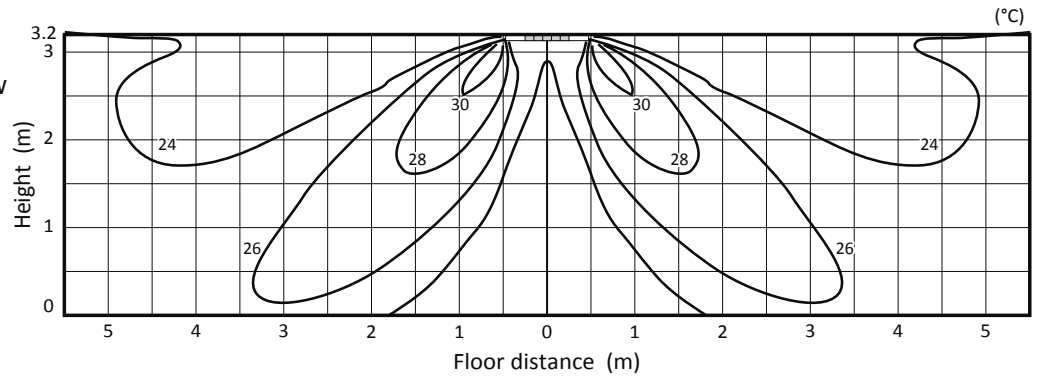
PLA-SM125EA

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m

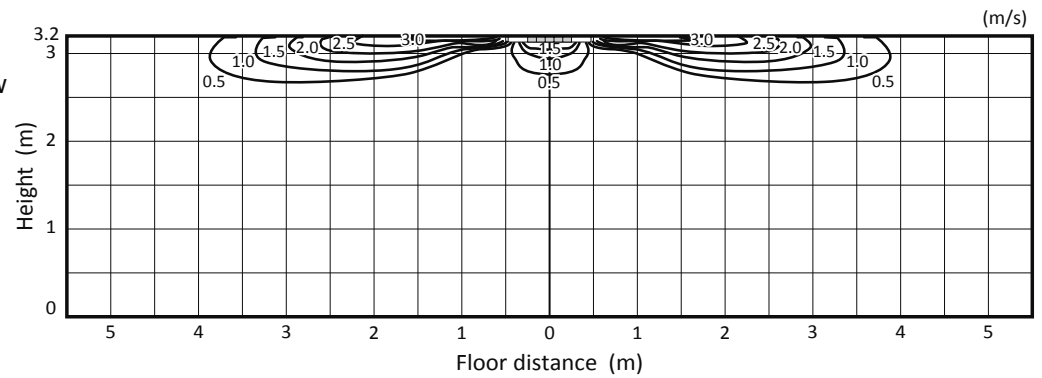


<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

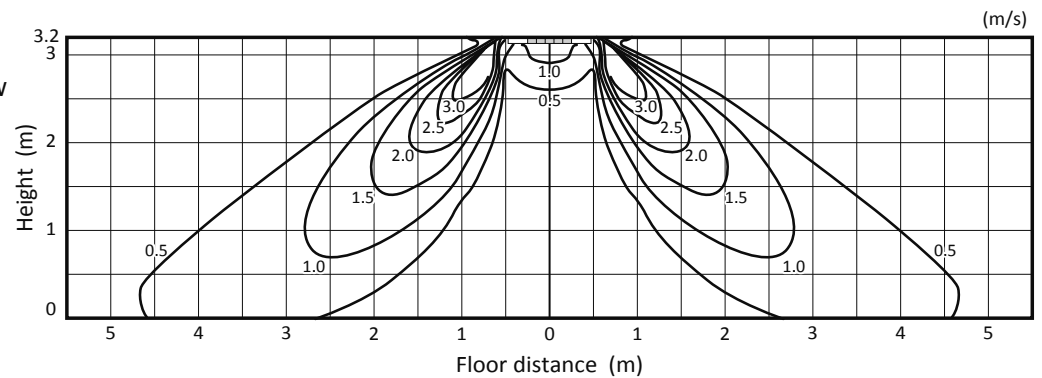


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
 Flow angle : 10° 4-way flow
 Ceiling height : 2.7m



<Heating mode> Standard
 Flow angle : 60° 4-way flow
 Ceiling height : 2.7m

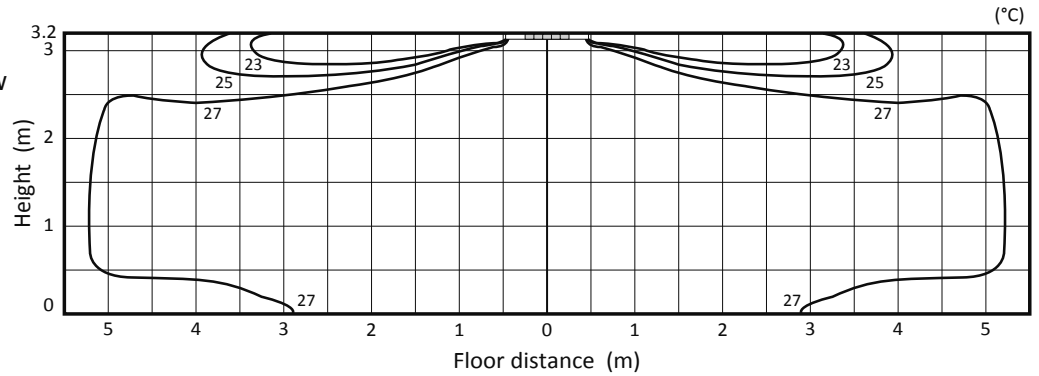


PLA-M140EA2

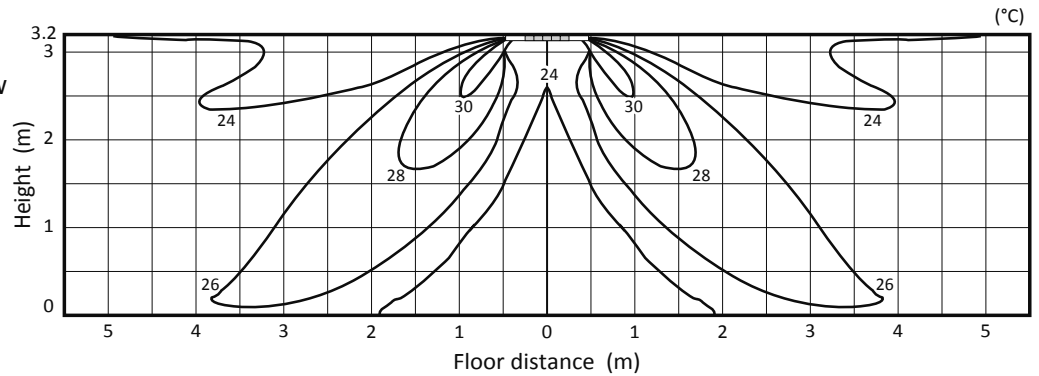
PLA-SM140EA

■TEMPERATURE DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m

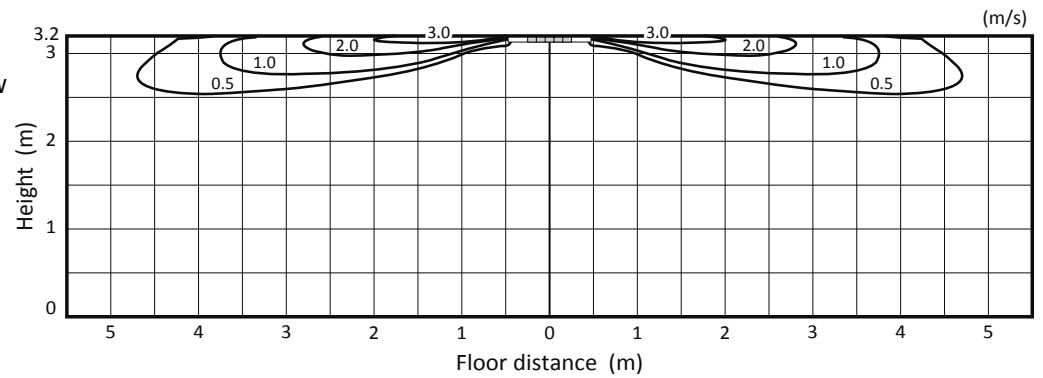


<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m

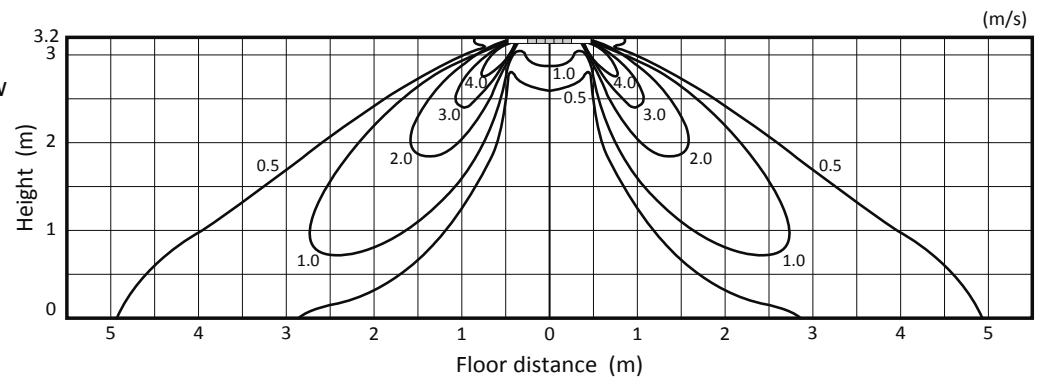


■AIRFLOW DISTRIBUTION

<Cooling mode> Standard
Flow angle : 10° 4-way flow
Ceiling height : 2.7m



<Heating mode> Standard
Flow angle : 60° 4-way flow
Ceiling height : 2.7m



A.1.9 OUTLET AIR SPEED AND COVERAGE RANGE

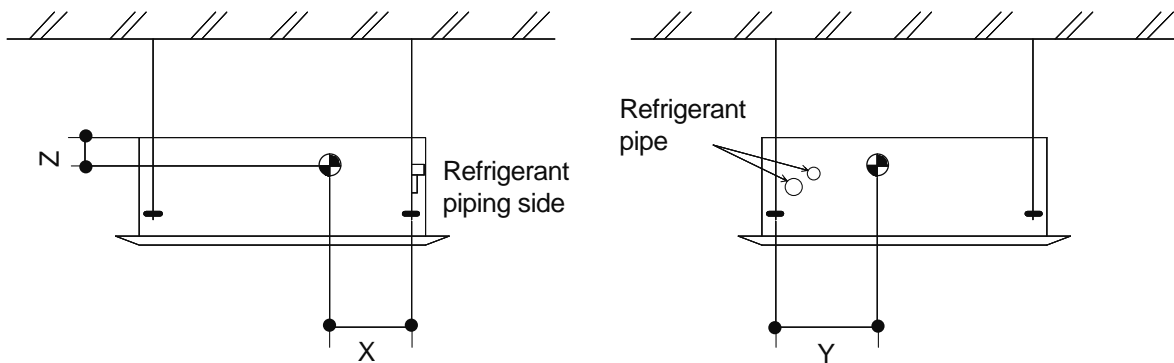
		PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM140EA2
Air flow	m ³ /min.	16	18	18	23	28	29	32
Air speed	m/sec.	2.5	2.8	2.8	3.6	4.4	4.5	5.0
Coverage range	m	4.1	4.6	4.6	5.8	7.0	7.3	8.0

		PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M140EA2
Air flow	m ³ /min.	16	18	18	21	29	31	32
Air speed	m/sec.	2.5	2.8	2.8	3.3	4.5	4.8	5.0
Coverage range	m	4.1	4.6	4.6	5.3	7.3	7.8	8.0

		PLA-SM71EA	PLA-SM100EA	PLA-SM125EA	PLA-SM140EA
Air flow	m ³ /min.	21	29	31	32
Air speed	m/sec.	3.3	4.5	4.8	5.0
Coverage range	m	5.3	7.3	7.8	8.0

* The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.
 The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.1.10 CENTER OF GRAVITY POSITION



Unit: mm

Model	X	Y	Z
PLA-ZM35EA2 PLA-ZM50EA2 PLA-ZM60EA2	325	390	115
PLA-ZM71EA2 PLA-ZM100EA2 PLA-ZM125EA2 PLA-ZM140EA2	325	380	100
PLA-M35EA2 PLA-M50EA2 PLA-M60EA2 PLA-M71EA2	325	390	115
PLA-M100EA2 PLA-M125EA2 PLA-M140EA2	325	380	100
PLA-SM71EA	325	390	115
PLA-SM100EA PLA-SM125EA PLA-SM140EA	325	380	100

A.2 WALL-MOUNTED (PKA)

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A.2.1 SPECIFICATIONS

A.2.1.1 R32 type

Model Name		Indoor Unit		PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2	
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VKA2	PUZ-ZM71VHA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase	Single		Single	Single	Single	
			Hz		50	50	50	50
	In	V	—		—	—	—	
			Phase	—		—	—	—
				Hz		—	—	—
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.74	0.66	0.86	0.78	
	Total Input	Rated	kW	0.857	1.239	1.560	1.863	
	EER			4.20	3.71	3.91	3.81	
	Annual Electricity Consumption		kWh/a	194	244	314	365	
	SEER			6.5	6.6	6.8	6.8	
		Energy efficiency class			A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	5.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.0	8.2	10.2	
Total Input		Rated	kW	1.040	1.344	1.732	2.116	
COP				3.94	3.72	4.04	3.78	
Annual Electricity Consumption			kWh/a	829	1074	1464	1530	
SCOP				4.0	4.3	4.2	4.3	
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)			A	13.4	13.4	19.4	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05
		Operating Current(max)		A	0.35	0.35	0.43	0.43
	Dimensions	H × W × D		mm	299-898-237	299-898-237	365-1170-295	365-1170-295
	Weight			kg	12.6	12.6	21	21
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45
	Sound Level (PWL)	Cooling		dB(A)	60	60	64	64
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PKA-M100KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2	
Refrigerant		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-M100VKA2	PUZ-M100YKA2	
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	9.5	9.5	9.5	9.5	
		Min.	kW	4.9	4.9	4.0	4.0	
		Max.	kW	11.4	11.4	10.6	10.6	
	SHF	Rated		0.73	0.73	0.73	0.73	
	Total Input	Rated	kW	2.435	2.435	2.941	2.941	
	EER				3.90	3.90	3.23	3.23
Annual Electricity Consumption		kWh/a		508	519	573	573	
SEER				6.5	6.4	5.8	5.8	
		Energy efficiency class		A++	A++	A+	A+	
Heating	Capacity	Rated	kW	11.2	11.2	11.2	11.2	
		Min.	kW	4.5	4.5	2.8	2.8	
		Max.	kW	14.0	14.0	12.5	12.5	
	Total Input	Rated	kW	3.102	3.102	3.284	3.284	
	COP				3.61	3.61	3.41	3.41
	Annual Electricity Consumption		kWh/a		2477	2478	2780	2780
	SCOP				4.4	4.4	4.0	4.0
			Energy efficiency class		A+	A+	A+	A+
Operating Current(max)			A	20.6	8.6	20.6	12.1	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	0.08 / 0.07	0.08 / 0.07	0.08 / 0.07
	Operating Current(max)			A	0.57	0.57	0.57	0.57
	Dimensions H × W × D			mm	365-1170-295	365-1170-295	365-1170-295	365-1170-295
	Weight			kg	21	21	21	21
	Air Volume	Lo-Mid-Hi		m³/min.	20-23-26	20-23-26	20-23-26	20-23-26
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49	41-45-49	41-45-49	41-45-49
	Sound Level (PWL)	Cooling		dB(A)	65	65	65	65
Outdoor Unit	Dimensions H × W × D			mm	1338-1050-330(+40)	1338-1050-330(+40)	981-1050-330 (+40)	981-1050-330(+40)
	Weight			kg	105	111	76	78
	Air Volume	Cooling	Rated	m³/min.	110	110	79	79
		Heating	Rated	m³/min.	110	110	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	51	51
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
		Heating		dB(A)	51	51	54	54
	Operating Current(max)			A	20	8	20.0	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	55	55	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+46	+46	+46	+46	
	Heating	Lower Limit.	°C	-20	-20	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.2.1.2 R410A type

1. ZUBADAN

Model Name		Indoor Unit		PKA-M100KA(L)2		PKA-M100KA(L)2		
		Outdoor Unit		PUHZ-SHW112VHA(-BS)		PUHZ-SHW112YHA(-BS)		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	400			
	Phase			Single	Three			
	Hz			50	50			
	In	V			—	—		
		Phase			—	—		
		Hz			—	—		
Cooling	Capacity	Rated	kW	10.0	10.0			
		Min.	kW	4.9	4.9			
		Max.	kW	11.4	11.4			
	SHF	Rated		0.73	0.73			
	Total Input	Rated	kW	2.924	2.924			
	EER			3.42	3.42			
	Annual Electricity Consumption		kWh/a	673	673			
	SEER			5.2	5.2			
		Energy efficiency class			A	A		
	Heating	Capacity	Rated	kW	11.2	11.2		
Min.			kW	4.5	4.5			
Max.			kW	14.0	14.0			
Total Input		Rated	kW	3.103	3.103			
COP				3.61	3.61			
Annual Electricity Consumption			kWh/a	4664	4664			
SCOP				3.8	3.8			
		Energy efficiency class			A	A		
Operating Current(max)			A	35.6	13.6			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07		0.08 / 0.07	
		Operating Current(max)		A	0.57		0.57	
	Dimensions	H × W × D		mm	365-1170-295		365-1170-295	
	Weight			kg	21		21	
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-23-26		20-23-26	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49		41-45-49	
	Sound Level (PWL)	Cooling			65		65	
Outdoor Unit	Dimensions	H × W × D		mm	1350-950-330(+30)		1350-950-330(+30)	
	Weight			kg	120		134	
	Air Volume	Cooling	Rated	m ³ /min.	100		100	
		Heating	Rated	m ³ /min.	100		100	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51		51	
			Silent	dB(A)	—		—	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling		dB(A)	69		69	
	Operating Current(max)			A	35		13	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In		m	75		75	
	Max. Height	Out-In		m	30		30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-25		-25	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Power Inverter SERIES

Model Name		Indoor Unit		PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase	Single		Single	Single	Single	
			Hz		50	50	50	50
	In	V	—		—	—	—	
			Phase	—		—	—	—
				Hz		—	—	—
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.4	6.7	8.1	
	SHF	Rated		0.74	0.66	0.86	0.78	
	Total Input	Rated	kW	0.940	1.424	1.601	1.802	
	EER			3.80	3.23	3.81	3.94	
	Annual Electricity Consumption		kWh/a	206	263	324	367	
	SEER			6.1	6.1	6.5	6.7	
			Energy efficiency class		A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	5.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	1.070	1.501	1.960	2.191	
COP				3.83	3.33	3.57	3.65	
Annual Electricity Consumption			kWh/a	841	1126	1466	1529	
SCOP				3.9	4.1	4.2	4.3	
		Energy efficiency class		A	A+	A+	A+	
Operating Current(max)			A	13.4	13.4	19.4	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05
		Operating Current(max)		A	0.35	0.35	0.43	0.43
	Dimensions	H × W × D		mm	299-898-237	299-898-237	365-1170-295	365-1170-295
	Weight			kg	12.6	12.6	21	21
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45
	Sound Level (PWL)	Cooling		dB(A)	60	60	64	64
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	50	
	Max. Height	Out-In		m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
		Heating	Lower Limit.	°C	-11	-11	-20	
			Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

WALL-MOUNTED SPECIFICATIONS

Model Name		Indoor Unit		PKA-M100KA(L)2		PKA-M100KA(L)2	
		Outdoor Unit		PUHZ-ZRP100VKA3		PUHZ-ZRP100YKA3	
Refrigerant		R410A					
Power Supply		Outdoor power supply					
Power Supply	Out	Source					
		V	230		400		
		Phase	Single		Three		
	In	V	—		—		
		Phase	—		—		
		Hz	—		—		
Cooling	Capacity	Rated	kW	9.5	9.5		
		Min.	kW	4.9	4.9		
		Max.	kW	11.4	11.4		
	SHF	Rated		0.73	0.73		
	Total Input	Rated	kW	2.398	2.398		
	EER			3.96	3.96		
	Annual Electricity Consumption	kWh/a		522	532		
	SEER			6.3	6.2		
		Energy efficiency class		A++	A++		
	Heating	Capacity	Rated	kW	11.2	11.2	
Min.			kW	4.5	4.5		
Max.			kW	14.0	14.0		
Total Input		Rated	kW	3.043	3.043		
COP				3.68	3.68		
Annual Electricity Consumption		kWh/a		2659	2660		
SCOP				4.1	4.1		
		Energy efficiency class		A+	A+		
Operating Current(max)			A	27.1	8.6		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07	0.08 / 0.07	
		Operating Current(max)		A	0.57	0.57	
	Dimensions		H × W × D	mm	365-1170-295	365-1170-295	
	Weight			kg	21	21	
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	20-23-26	20-23-26		
	External Static Pressure			Pa	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-45-49	41-45-49		
	Sound Level (PWL)	Cooling		65	65		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight			kg	116	123	
	Air Volume	Cooling	Rated	m ³ /min.	110	110	
		Heating	Rated	m ³ /min.	110	110	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	
			Silent	dB(A)	46	46	
	Sound Level (SPL)	Heating	Rated	dB(A)	51	51	
	Sound Level (PWL)	Cooling		dB(A)	69	69	
	Operating Current(max)			A	26.5	8	
Breaker Size			A	32	16		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max. Length	Out-In	m	75	75		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
	Heating	Lower Limit.	°C	-20	-20		
		Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Mr.Slim+

Model Name		Indoor Unit		PKA-M71KA2		PKA-M71KAL2		
		Outdoor Unit		PUHZ-FRP71VHA2		PUHZ-FRP71VHA2		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		kW	230	230		
		Phase			Single	Single		
		Hz			50	50		
	In	V			—	—		
		Phase			—	—		
Cooling	Capacity	Rated	kW	7.1	7.1			
		Min.	kW	3.3	3.3			
		Max.	kW	8.1	8.1			
	SHF	Rated		0.78	0.78			
	Total Input	Rated	kW	1.934	1.934			
	EER				3.67	3.67		
	Annual Electricity Consumption			kWh/a	386	386		
	SEER				6.4	6.4		
			Energy efficiency class			A++	A++	
	Heating	Capacity	Rated	kW	8.0	8.0		
Min.			kW	3.5	3.5			
Max.			kW	10.2	10.2			
Total Input		Rated	kW	2.285	2.285			
COP					3.50	3.50		
Annual Electricity Consumption				kWh/a	1564	1564		
SCOP					4.2	4.2		
		Energy efficiency class			A+	A+		
Operating Current(max)			A	19.4	19.4			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.05	0.06 / 0.05		
	Operating Current(max)			A	0.43	0.43		
	Dimensions			H × W × D	mm	365-1170-295	365-1170-295	
	Weight				kg	21	21	
	Air Volume	Lo-Mid-Hi		m ³ /min.	18-20-22	18-20-22		
	External Static Pressure				Pa	0	0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	39-42-45	39-42-45		
	Sound Level (PWL)	Cooling			64	64		
Outdoor Unit	Dimensions			H × W × D	mm	943-950-330	943-950-330	
	Weight				kg	73	73	
	Air Volume	Cooling	Rated	m ³ /min.	50	50		
		Heating	Rated	m ³ /min.	50	50		
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	49	49		
	Sound Level (PWL)	Cooling		dB(A)	67	67		
	Operating Current(max)				A	19.0	19.0	
	Breaker Size				A	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max.Length	Out-In	m	60	60			
	Max. Height	Out-In	m	20	20			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	46	46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	21	21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

WALL-MOUNTED SPECIFICATIONS

4. Standard Inverter SERIES

Model Name		Indoor Unit		PKA-M100KA(L)2		PKA-M100KA(L)2		
		Outdoor Unit		PUHZ-P100VKA		PUHZ-P100YKA		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		—		—		
		Phase		—		—		
Cooling	Capacity	Rated	kW	9.4		9.4		
		Min.	kW	3.7		3.7		
		Max.	kW	10.6		10.6		
	SHF	Rated		0.73		0.73		
	Total Input	Rated	kW	3.122		3.122		
	EER			3.01		3.01		
	Annual Electricity Consumption		kWh/a	586		586		
	SEER			5.6		5.6		
		Energy efficiency class			A+		A+	
	Heating	Capacity	Rated	kW	11.2		11.2	
Min.			kW	2.8		2.8		
Max.			kW	12.5		12.5		
Total Input		Rated	kW	3.489		3.489		
COP				3.21		3.21		
Annual Electricity Consumption			kWh/a	2799		2799		
SCOP				4.0		4.0		
		Energy efficiency class			A+		A+	
Operating Current(max)			A	20.6		12.1		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.08 / 0.07		0.08 / 0.07	
	Operating Current(max)			A	0.57		0.57	
	Dimensions			H × W × D	mm		365-1170-295	
	Weight			kg	21		21	
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-23-26		20-23-26	
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	41-45-49		41-45-49	
Sound Level (PWL)	Cooling			65		65		
Outdoor Unit	Dimensions			H × W × D	mm		981-1050-330	
	Weight			kg	76		78	
	Air Volume	Cooling	Rated	m ³ /min.	79		79	
		Heating	Rated	m ³ /min.	79		79	
	Sound Level (SPL)	Cooling	Rated	dB(A)	51		51	
			Silent	dB(A)	49		49	
		Heating	Rated	dB(A)	54		54	
	Sound Level (PWL)	Cooling		dB(A)	70		70	
	Operating Current(max)			A	20		11.5	
	Breaker Size			A	32		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max.Length	Out-In	m	50		50		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

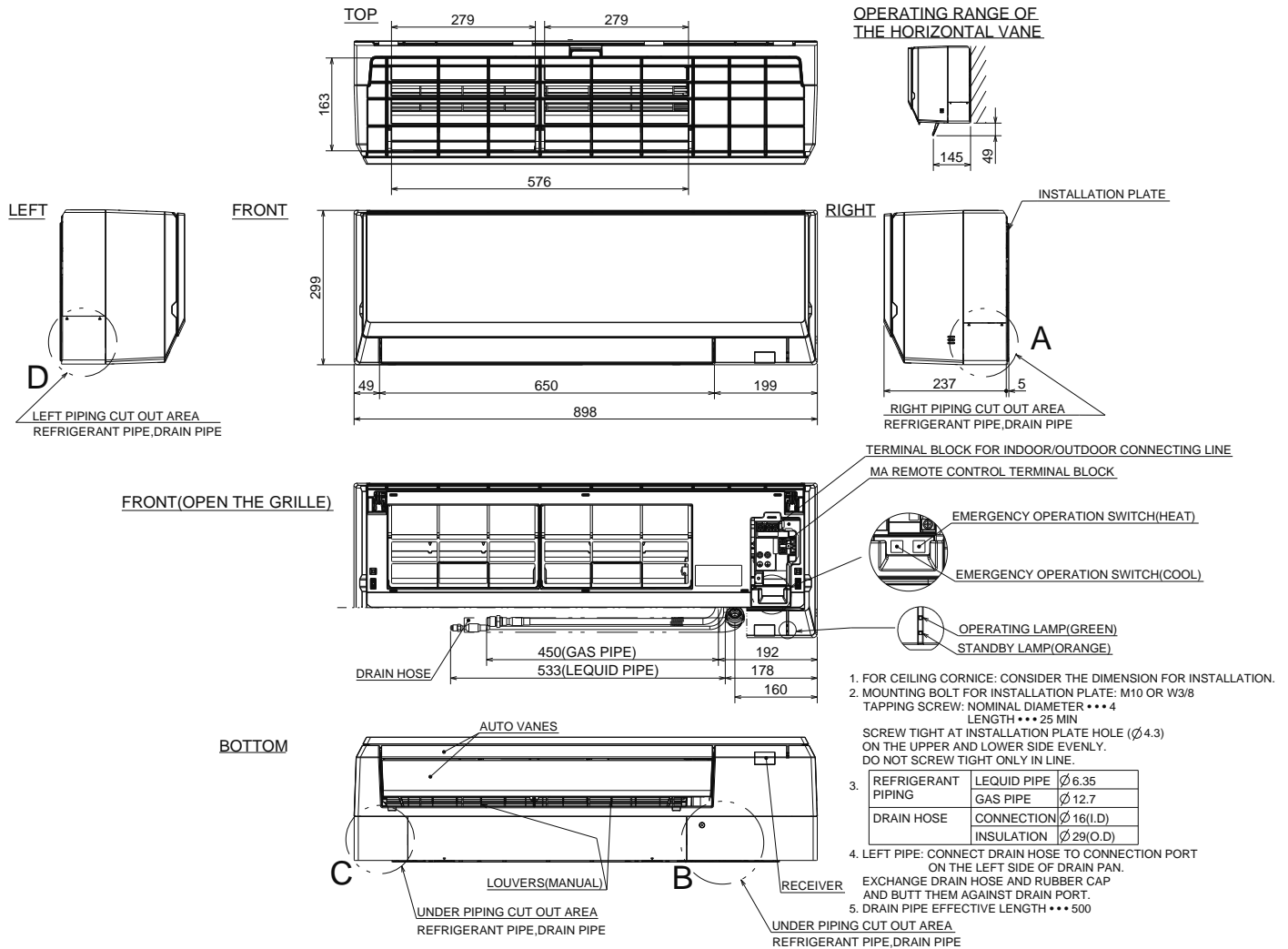
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.2.2 OUTLINES AND DIMENSIONS

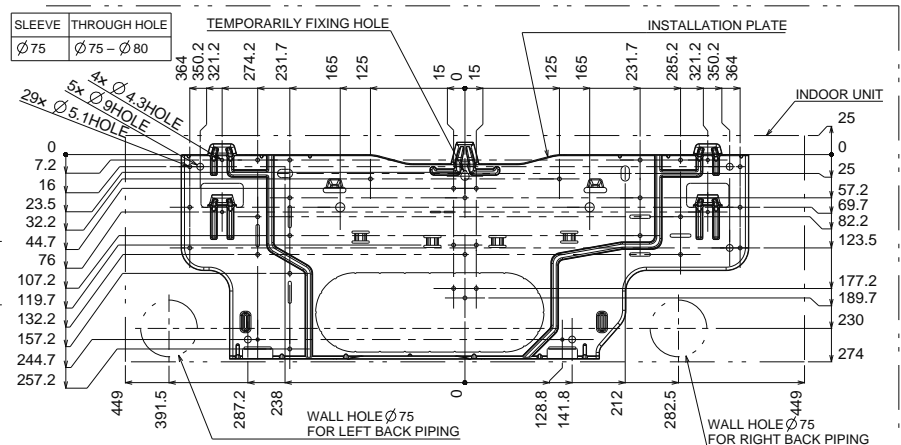
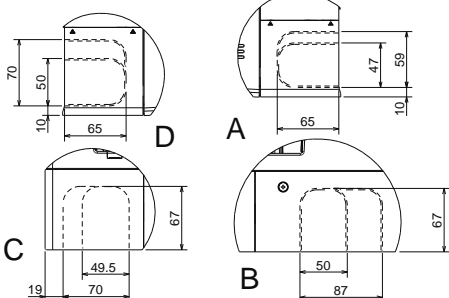
PKA-M35LA2 PKA-M35LAL2
 PKA-M50LA2 PKA-M50LAL2

Unit: mm

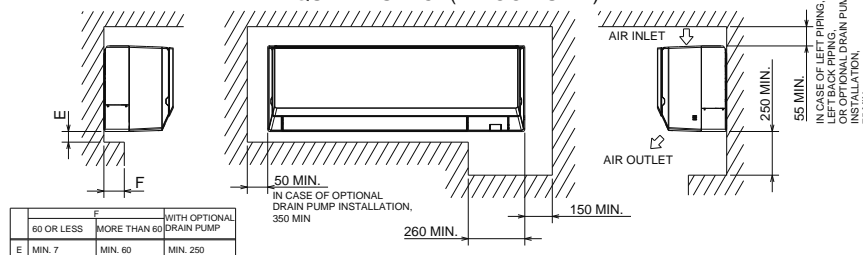
WALL-MOUNTED OUTLINES AND DIMENSIONS



DETAILS OF CUT OUT FOR PIPING HOLE



REQUIRED SPACE (INDOOR UNIT)

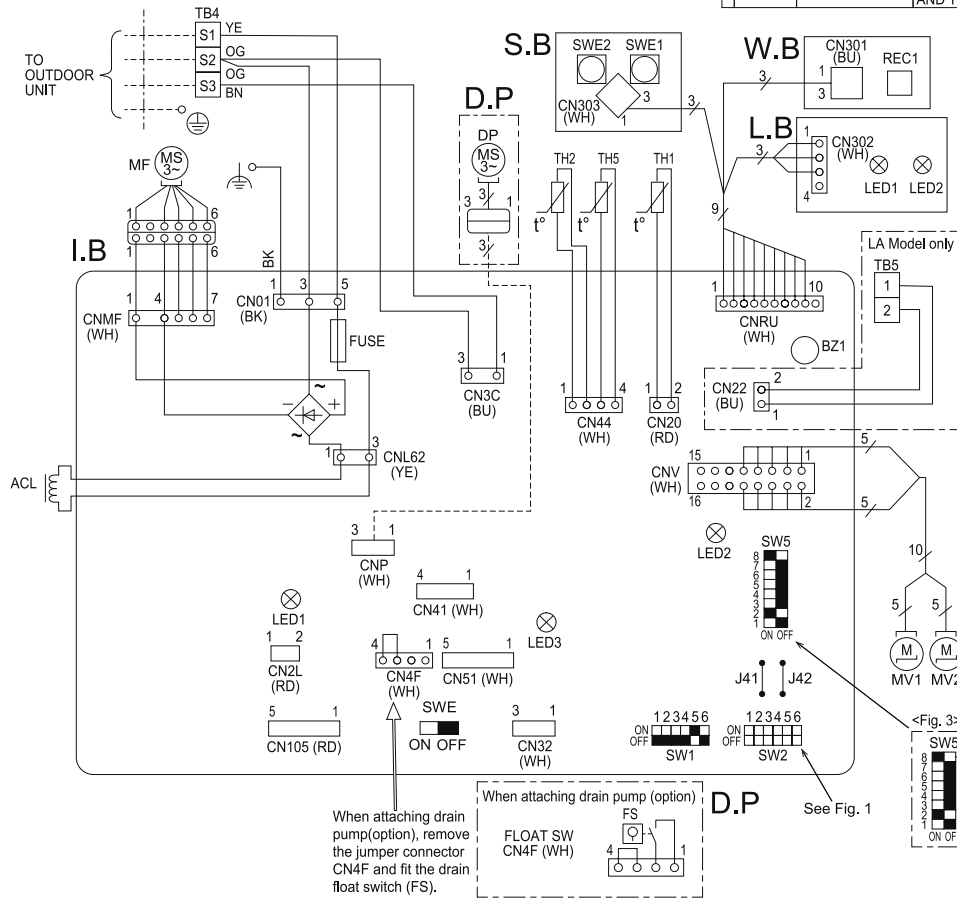


A.2.3 WIRING DIAGRAM

PKA-M35LA2 PKA-M35LAL2

PKA-M50LA2 PKA-M50LAL2

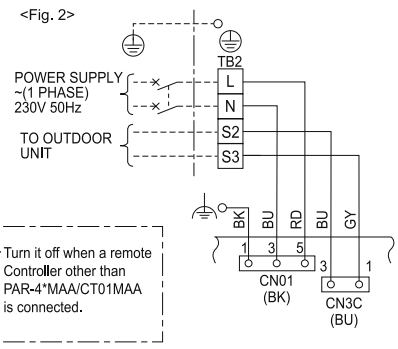
[LEGEND]			
SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK
BZ1	BUZZER	TB5	INDOOR/OUTDOOR CONNECTING LINE
CNP	CONNECTOR	TH1	REMOTE CONTROLLER
CN2L	LOSSNAY	TH2	ROOM TEMP. DETECTION (0°C / 15kΩ, 25°C / 5.4kΩ)
CN32	REMOTE SWITCH	TH5	PIPE TEMP. DETECTION/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ)
CN41	HA TERMINAL-A	S.B	SWITCH BOARD
CN4F	DRAIN FLOAT SWITCH (DRAIN PUMP (OPTION))	SWE1	EMERGENCY OPERATION (HEAT)
CN51	CENTRALLY CONTROL	SWE2	EMERGENCY OPERATION (COOL)
CN105	IT TERMINAL	W.B	PCB FOR WIRELESS RECEIVER
FUSE	FUSE (T3.15A/250V)	REC1	RECEIVING UNIT
LED1	POWER SUPPLY (I.B)	L.B	LED BOARD
LED2	POWER SUPPLY (REMOTE CONTROLLER)	LED1	LED (OPERATION INDICATION : GREEN)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW1	SWITCH	ACL	REACTOR
SW2	CAPACITY CODE	OPTION PART	
SW5	FUNCTION SETTING	D.P	DRAIN PUMP KIT
SWE	FAN-DRAIN PUMP (TEST MODE)	FS	DRAIN FLOAT SWITCH
MF	FAN MOTOR	DP	DRAIN PUMP
MV1	VANE MOTOR (UPPER)	TB2	TERMINAL BLOCK
MV2	VANE MOTOR (LOWER)		INDOOR UNIT POWER AND TRANSMISSION LINE



- NOTES:
- Symbols used in wiring diagram on the left are, : Terminal (block), : Connector.
 - Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 - Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 - This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
 - If the separate indoor/outdoor unit power supplied system is applied, refer to Fig. 2.
 - For power supply system of this unit, refer to the caution label located near this diagram.

<Fig. 1> The black square (■) indicates a switch position.

Models	SW2
M35	ON OFF
M50	ON OFF



[Self-diagnosis]

1. For details on how to operate self-diagnosis with the wireless remote controller, refer to the technical manuals etc.

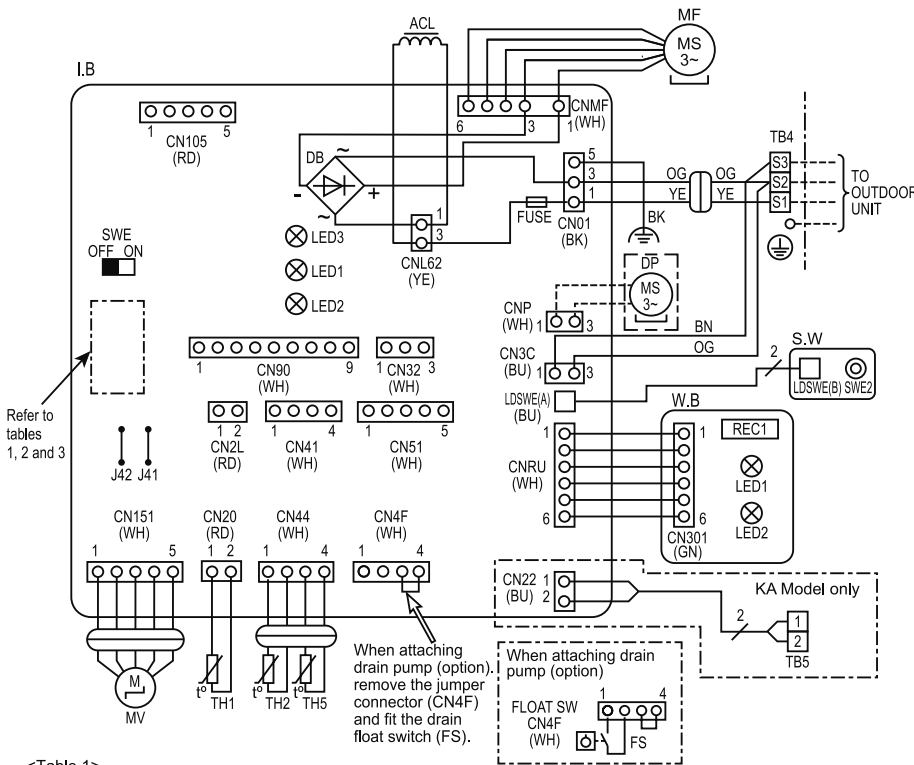
Check code	Symptom	Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1).	PB(Pb)	Indoor unit fan motor error.
P2	Abnormality of pipe temperature thermistor / Liquid (TH2).	PL	Refrigerant circuit abnormal.
P4	Float switch connector open (FS).	E0~E5	Abnormality of the signal transmission between remote controller and indoor unit.
P5	Malfunction of Drain pump.	E6~EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
P6	Freezing / overheating protection is working.	FB(Fb)	Abnormality of indoor controller board.
P8	Abnormality of pipe temperature.	U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
P9	Abnormality of pipe temperature thermistor / Cond./Eva. (TH5).		
PA	Leakage error (refrigerant system)		

PKA-M60KA2 PKA-M60KAL2
PKA-M71KA2 PKA-M71KAL2
PKA-M100KA2 PKA-M100KAL2

WALL-MOUNTED WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	S.W	SWITCH BOARD
CNP	DRAIN PUMP (OPTION) POWER SUPPLY (DRAIN PUMP (OPTION))	SWE2	EMERGENCY OPERATION
CN105	CONNECTOR	TB2	TERMINAL BLOCK
CN2L	LOSSNAY	TB4	INDOOR UNIT POWER (OPTION)
CN32	REMOTE SWITCH	TB5	INDOOR/OUTDOOR CONNECTING LINE
CN41	HA TERMINAL-A	TH1	REMOTE CONTROLLER TRANSMISSION LINE
CN4F	DRAIN PUMP (OPTION)	TH2	THERMISTOR
CN51	CENTRALLY CONTROL	TH5	ROOM TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)
CN90	REMOTE OPERATION ADAPTER	TH2	PIPE TEMP. DETECTION/LIQUID (0°C/15kΩ, 25°C/5.4kΩ)
FUSE	FUSE (T3.15A/250V)	TH5	COND./EVA. TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)
LED1	POWER SUPPLY (I.B)	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
LED2	POWER SUPPLY (REMOTE CONTROLLER)	LED1	LED (OPERATION INDICATION : GREEN)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
SW1	SWITCH	REC1	RECEIVING UNIT
SW2	MODEL SELECTION * Refer to <table 1>	ACL	REACTOR
SW5	CAPACITY CODE * Refer to <table 2>	DP	DRAIN PUMP (OPTION)
SWE	FUNCTION SETTING * Refer to <table 3>	FS	DRAIN FLOAT SWITCH (OPTION)
MV	VANE MOTOR		
MF	FAN MOTOR		

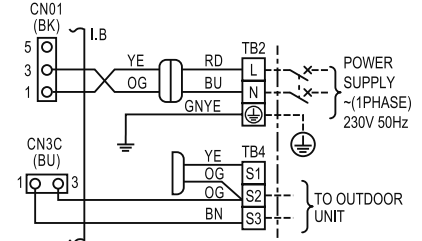


Notes:

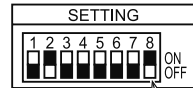
- Symbols used in this wiring diagram are, : Connector, : Terminal (block).
- Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
- Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
- This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.

- *1 : When work to supply power separately to indoor and outdoor units was applied, refer to Fig. 1.
- *2 : For power supply system of this unit, refer to the caution label located near this diagram.

*1 (Fig. 1)



<Table 3> SW5 (FUNCTION SETTING)



Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.

<Table 1>

SW1 (MODEL SELECTION)



<Table 2>

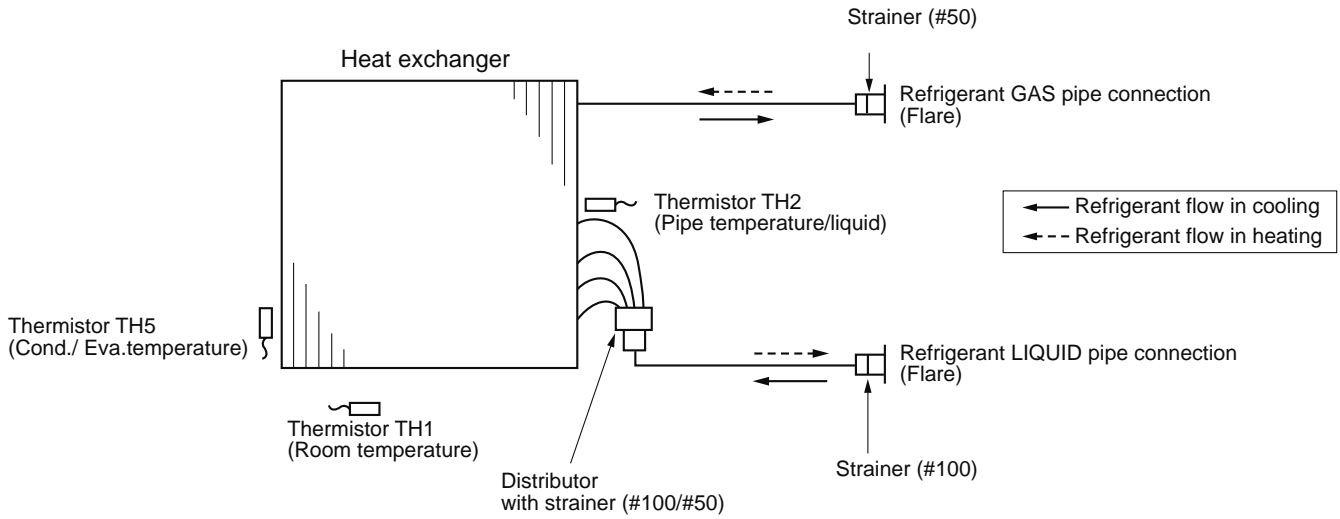
SW2 (CAPACITY CODE)

CAPACITY	SETTING	CAPACITY	SETTING	CAPACITY	SETTING
60		71		100	

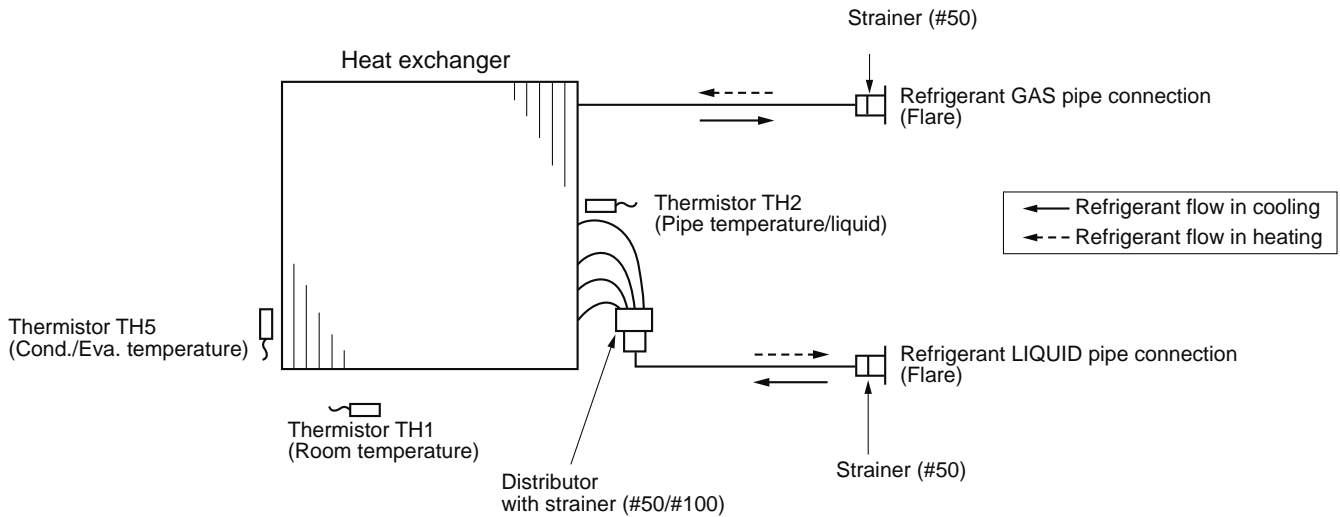
The black square (■) indicates a switch position.

A.2.4 REFRIGERANT SYSTEM DIAGRAM

- PKA-M35LA2
- PKA-M35LAL2
- PKA-M50LA2
- PKA-M50LAL2



- PKA-M60KA2
- PKA-M60KAL2
- PKA-M71KA2
- PKA-M71KAL2
- PKA-M100KA2
- PKA-M100KAL2



COOLING CAPACITY

PKA-M100KA2 PKA-M100KAL2 / PUZ-M100VKA2 PUZ-M100YKA2

Table with 14 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), and four groups of Outdoor intake air DB°C (20, 25, 30, 35) with sub-columns for CA (kW), SHC (kW), SHF, and P.C. (kW). Rows represent various indoor temperature and humidity combinations.

Table with 14 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), and four groups of Outdoor intake air DB°C (35, 40, 45, 50) with sub-columns for CA (kW), SHC (kW), SHF, and P.C. (kW). Rows represent various indoor temperature and humidity combinations.

When the indoor dry bulb temperature is lower than 20 °C , for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

Table with 4 columns: Indoor intake air D.B., 14°C, 16°C, 18°C. Rows: Capacity ratio (42%, 48%, 52%), Input ratio (56%, 70%, 71%).

Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C) P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PKA-M-LA2 PKA-M-LAL2 / PUZ-ZM-VKA2

PKA-M-KA2 PKA-M-KAL2 / PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M35LA(L)2	15	2.604	0.614	2.829	0.676	3.157	0.780	4.141	0.936	4.674	1.040	5.207	1.123
	20	2.501	0.666	2.706	0.728	2.993	0.842	3.998	1.009	4.510	1.123	5.023	1.206
	25	2.419	0.707	2.624	0.790	2.870	0.915	3.772	1.071	4.346	1.201	4.838	1.295
PKA-M50LA(L)2	15	3.175	0.793	3.450	0.874	3.850	1.008	5.050	1.210	5.700	1.344	6.350	1.452
	20	3.050	0.860	3.300	0.941	3.650	1.089	4.875	1.304	5.500	1.452	6.125	1.559
	25	2.950	0.914	3.200	1.021	3.500	1.183	4.600	1.384	5.300	1.552	5.900	1.673
PKA-M60KA(L)2	15	4.445	1.022	4.830	1.126	5.390	1.299	7.070	1.559	7.980	1.732	8.890	1.871
	20	4.270	1.108	4.620	1.212	5.110	1.403	6.825	1.680	7.700	1.871	8.575	2.009
	25	4.130	1.178	4.480	1.316	4.900	1.524	6.440	1.784	7.420	2.000	8.260	2.156
PKA-M71KA(L)2	15	5.080	1.248	5.520	1.375	6.160	1.587	8.080	1.904	9.120	2.116	10.160	2.285
	20	4.880	1.354	5.280	1.481	5.840	1.714	7.800	2.053	8.800	2.285	9.800	2.455
	25	4.720	1.439	5.120	1.608	5.600	1.862	7.360	2.179	8.480	2.444	9.440	2.634
PKA-M100KA(L)2	15	7.112	1.830	7.728	2.016	8.624	2.327	11.312	2.792	12.768	3.102	14.224	3.350
	20	6.832	1.985	7.392	2.171	8.176	2.513	10.920	3.009	12.320	3.350	13.720	3.598
	25	6.608	2.109	7.168	2.358	7.840	2.730	10.304	3.195	11.872	3.583	13.216	3.862

HEATING CAPACITY

PKA-M-KA2 PKA-M-KAL2 / PUZ-M-VKA2 PUZ-M-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M100KA(L)2	15	7.112	1.938	7.728	2.135	8.624	2.463	11.312	2.956	12.768	3.284	14.224	3.547
	20	6.832	2.102	7.392	2.299	8.176	2.660	10.920	3.185	12.320	3.547	13.720	3.809
	25	6.608	2.233	7.168	2.496	7.840	2.890	10.304	3.383	11.872	3.793	13.216	4.089

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

**A.2.5.2 R410A type
COOLING CAPACITY**

PKA-M100KA2 PKA-M100KAL2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)

WALL-MOUNTED
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.900	6.237	0.63	2.34	9.600	6.048	0.63	2.47	9.300	5.859	0.63	2.62
20	18	10.600	5.406	0.51	2.38	10.300	5.253	0.51	2.52	9.950	5.075	0.51	2.69
20	20	11.400	4.446	0.39	2.46	11.150	4.349	0.39	2.57	10.850	4.232	0.39	2.75
22	16	9.900	7.029	0.71	2.34	9.600	6.816	0.71	2.47	9.300	6.603	0.71	2.62
22	18	10.600	6.254	0.59	2.38	10.300	6.077	0.59	2.52	9.950	5.871	0.59	2.69
22	20	11.400	5.358	0.47	2.46	11.150	5.241	0.47	2.57	10.850	5.100	0.47	2.75
24	16	9.900	7.821	0.79	2.34	9.600	7.584	0.79	2.47	9.300	7.347	0.79	2.62
24	18	10.600	7.102	0.67	2.38	10.300	6.901	0.67	2.52	9.950	6.667	0.67	2.69
24	20	11.400	6.270	0.55	2.46	11.150	6.133	0.55	2.57	10.850	5.968	0.55	2.75
24	22	12.150	5.225	0.43	2.52	11.900	5.117	0.43	2.66	11.600	4.988	0.43	2.84
26	16	9.900	8.613	0.87	2.34	9.600	8.352	0.87	2.47	9.300	8.091	0.87	2.62
26	18	10.600	7.950	0.75	2.38	10.300	7.725	0.75	2.52	9.950	7.463	0.75	2.69
26	20	11.400	7.182	0.63	2.46	11.150	7.025	0.63	2.57	10.850	6.836	0.63	2.75
26	22	12.150	6.197	0.51	2.52	11.900	6.069	0.51	2.66	11.600	5.916	0.51	2.84
27	16	9.900	9.009	0.91	2.34	9.600	8.736	0.91	2.47	9.300	8.463	0.91	2.62
27	18	10.600	8.374	0.79	2.38	10.300	8.137	0.79	2.52	9.950	7.861	0.79	2.69
27	20	11.400	7.638	0.67	2.46	11.150	7.471	0.67	2.57	10.850	7.270	0.67	2.75
27	22	12.150	6.683	0.55	2.52	11.900	6.545	0.55	2.66	11.600	6.380	0.55	2.84
28	16	9.900	9.405	0.95	2.34	9.600	9.120	0.95	2.47	9.300	8.835	0.95	2.62
28	18	10.600	8.798	0.83	2.38	10.300	8.549	0.83	2.52	9.950	8.259	0.83	2.69
28	20	11.400	8.094	0.71	2.46	11.150	7.917	0.71	2.57	10.850	7.704	0.71	2.75
28	22	12.150	7.169	0.59	2.52	11.900	7.021	0.59	2.66	11.600	6.844	0.59	2.84
30	16	9.900	9.900	1.00	2.34	9.600	9.600	1.00	2.47	9.300	9.300	1.00	2.62
30	18	10.600	9.646	0.91	2.38	10.300	9.373	0.91	2.52	9.950	9.055	0.91	2.69
30	20	11.400	9.006	0.79	2.46	11.150	8.809	0.79	2.57	10.850	8.572	0.79	2.75
30	22	12.150	8.141	0.67	2.52	11.900	7.973	0.67	2.66	11.600	7.772	0.67	2.84
32	16	9.900	9.900	1.00	2.34	9.600	9.600	1.00	2.47	9.300	9.300	1.00	2.62
32	18	10.600	10.494	0.99	2.38	10.300	10.197	0.99	2.52	9.950	9.851	0.99	2.69
32	20	11.400	9.918	0.87	2.46	11.150	9.701	0.87	2.57	10.850	9.440	0.87	2.75
32	22	12.150	9.113	0.75	2.52	11.900	8.925	0.75	2.66	11.600	8.700	0.75	2.84
34	16	9.900	9.900	1.00	2.34	9.600	9.600	1.00	2.47	9.300	9.300	1.00	2.62
34	18	10.600	10.600	1.00	2.38	10.300	10.300	1.00	2.52	9.950	9.950	1.00	2.69
34	20	11.400	10.830	0.95	2.46	11.150	10.593	0.95	2.57	10.850	10.308	0.95	2.75
34	22	12.150	10.085	0.83	2.52	11.900	9.877	0.83	2.66	11.600	9.628	0.83	2.84

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.900	5.607	0.63	2.81	8.500	5.355	0.63	3.01	8.100	5.103	0.63	3.26
20	18	9.600	4.896	0.51	2.88	9.300	4.743	0.51	3.10	8.700	4.437	0.51	3.33
20	20	10.400	4.056	0.39	2.95	10.000	3.900	0.39	3.16	9.400	3.666	0.39	3.39
22	16	8.900	6.319	0.71	2.81	8.500	6.035	0.71	3.01	8.100	5.751	0.71	3.26
22	18	9.600	5.664	0.59	2.88	9.300	5.487	0.59	3.10	8.700	5.133	0.59	3.33
22	20	10.400	4.888	0.47	2.95	10.000	4.700	0.47	3.16	9.400	4.418	0.47	3.39
24	16	8.900	7.031	0.79	2.81	8.500	6.715	0.79	3.01	8.100	6.399	0.79	3.26
24	18	9.600	6.432	0.67	2.88	9.300	6.231	0.67	3.10	8.700	5.829	0.67	3.33
24	20	10.400	5.720	0.55	2.95	10.000	5.500	0.55	3.16	9.400	5.170	0.55	3.39
24	22	11.200	4.816	0.43	3.01	10.800	4.644	0.43	3.25	10.200	4.386	0.43	3.45
26	16	8.900	7.743	0.87	2.81	8.500	7.395	0.87	3.01	8.100	7.047	0.87	3.26
26	18	9.600	7.200	0.75	2.88	9.300	6.975	0.75	3.10	8.700	6.525	0.75	3.33
26	20	10.400	6.552	0.63	2.95	10.000	6.300	0.63	3.16	9.400	5.922	0.63	3.39
26	22	11.200	5.712	0.51	3.01	10.800	5.508	0.51	3.25	10.200	5.202	0.51	3.45
27	16	8.900	8.099	0.91	2.81	8.500	7.735	0.91	3.01	8.100	7.371	0.91	3.26
27	18	9.600	7.584	0.79	2.88	9.300	7.347	0.79	3.10	8.700	6.873	0.79	3.33
27	20	10.400	6.968	0.67	2.95	10.000	6.700	0.67	3.16	9.400	6.298	0.67	3.39
27	22	11.200	6.160	0.55	3.01	10.800	5.940	0.55	3.25	10.200	5.610	0.55	3.45
28	16	8.900	8.455	0.95	2.81	8.500	8.075	0.95	3.01	8.100	7.695	0.95	3.26
28	18	9.600	7.968	0.83	2.88	9.300	7.719	0.83	3.10	8.700	7.221	0.83	3.33
28	20	10.400	7.384	0.71	2.95	10.000	7.100	0.71	3.16	9.400	6.674	0.71	3.39
28	22	11.200	6.608	0.59	3.01	10.800	6.372	0.59	3.25	10.200	6.018	0.59	3.45
30	16	8.900	8.900	1.00	2.81	8.500	8.500	1.00	3.01	8.100	8.100	1.00	3.26
30	18	9.600	8.736	0.91	2.88	9.300	8.463	0.91	3.10	8.700	7.917	0.91	3.33
30	20	10.400	8.216	0.79	2.95	10.000	7.900	0.79	3.16	9.400	7.426	0.79	3.39
30	22	11.200	7.504	0.67	3.01	10.800	7.236	0.67	3.25	10.200	6.834	0.67	3.45
32	16	8.900	8.900	1.00	2.81	8.500	8.500	1.00	3.01	8.100	8.100	1.00	3.26
32	18	9.600	9.504	0.99	2.88	9.300	9.207	0.99	3.10	8.700	8.613	0.99	3.33
32	20	10.400	9.048	0.87	2.95	10.000	8.700	0.87	3.16	9.400	8.178	0.87	3.39
32	22	11.200	8.400	0.75	3.01	10.800	8.100	0.75	3.25	10.200	7.650	0.75	3.45
34	16	8.900	8.900	1.00	2.81	8.500	8.500	1.00	3.01	8.100	8.100	1.00	3.26
34	18	9.600	9.600	1.00	2.88	9.300	9.300	1.00	3.10	8.700	8.700	1.00	3.33
34	20	10.400	9.880	0.95	2.95	10.000	9.500	0.95	3.16	9.400	8.930	0.95	3.39
34	22	11.200	9.296	0.83	3.01	10.800	8.964	0.83	3.25	10.200	8.466	0.83	3.45

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M35LA2 PKA-M35LAL2 / PUHZ-ZRP35VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.564	2.281	0.64	0.752	3.456	2.212	0.64	0.794	3.348	2.143	0.64	0.841
20	18	3.816	1.984	0.52	0.766	3.708	1.928	0.52	0.808	3.582	1.863	0.52	0.865
20	20	4.104	1.642	0.40	0.790	4.014	1.606	0.40	0.827	3.906	1.562	0.40	0.884
22	16	3.564	2.566	0.72	0.752	3.456	2.488	0.72	0.794	3.348	2.411	0.72	0.841
22	18	3.816	2.290	0.60	0.766	3.708	2.225	0.60	0.808	3.582	2.149	0.60	0.865
22	20	4.104	1.970	0.48	0.790	4.014	1.927	0.48	0.827	3.906	1.875	0.48	0.884
24	16	3.564	2.851	0.80	0.752	3.456	2.765	0.80	0.794	3.348	2.678	0.80	0.841
24	18	3.816	2.595	0.68	0.766	3.708	2.521	0.68	0.808	3.582	2.436	0.68	0.865
24	20	4.104	2.298	0.56	0.790	4.014	2.248	0.56	0.827	3.906	2.187	0.56	0.884
24	22	4.374	1.925	0.44	0.808	4.284	1.885	0.44	0.855	4.176	1.837	0.44	0.912
26	16	3.564	3.136	0.88	0.752	3.456	3.041	0.88	0.794	3.348	2.946	0.88	0.841
26	18	3.816	2.900	0.76	0.766	3.708	2.818	0.76	0.808	3.582	2.722	0.76	0.865
26	20	4.104	2.627	0.64	0.790	4.014	2.569	0.64	0.827	3.906	2.500	0.64	0.884
26	22	4.374	2.274	0.52	0.808	4.284	2.228	0.52	0.855	4.176	2.172	0.52	0.912
27	16	3.564	3.279	0.92	0.752	3.456	3.180	0.92	0.794	3.348	3.080	0.92	0.841
27	18	3.816	3.053	0.80	0.766	3.708	2.966	0.80	0.808	3.582	2.866	0.80	0.865
27	20	4.104	2.791	0.68	0.790	4.014	2.730	0.68	0.827	3.906	2.656	0.68	0.884
27	22	4.374	2.449	0.56	0.808	4.284	2.399	0.56	0.855	4.176	2.339	0.56	0.912
28	16	3.564	3.421	0.96	0.752	3.456	3.318	0.96	0.794	3.348	3.214	0.96	0.841
28	18	3.816	3.205	0.84	0.766	3.708	3.115	0.84	0.808	3.582	3.009	0.84	0.865
28	20	4.104	2.955	0.72	0.790	4.014	2.890	0.72	0.827	3.906	2.812	0.72	0.884
28	22	4.374	2.624	0.60	0.808	4.284	2.570	0.60	0.855	4.176	2.506	0.60	0.912
30	16	3.564	3.564	1.00	0.752	3.456	3.456	1.00	0.794	3.348	3.348	1.00	0.841
30	18	3.816	3.511	0.92	0.766	3.708	3.411	0.92	0.808	3.582	3.295	0.92	0.865
30	20	4.104	3.283	0.80	0.790	4.014	3.211	0.80	0.827	3.906	3.125	0.80	0.884
30	22	4.374	2.974	0.68	0.808	4.284	2.913	0.68	0.855	4.176	2.840	0.68	0.912
32	16	3.564	3.564	1.00	0.752	3.456	3.456	1.00	0.794	3.348	3.348	1.00	0.841
32	18	3.816	3.816	1.00	0.766	3.708	3.708	1.00	0.808	3.582	3.582	1.00	0.865
32	20	4.104	3.612	0.88	0.790	4.014	3.532	0.88	0.827	3.906	3.437	0.88	0.884
32	22	4.374	3.324	0.76	0.808	4.284	3.256	0.76	0.855	4.176	3.174	0.76	0.912
34	16	3.564	3.564	1.00	0.752	3.456	3.456	1.00	0.794	3.348	3.348	1.00	0.841
34	18	3.816	3.816	1.00	0.766	3.708	3.708	1.00	0.808	3.582	3.582	1.00	0.865
34	20	4.104	3.940	0.96	0.790	4.014	3.853	0.96	0.827	3.906	3.750	0.96	0.884
34	22	4.374	3.674	0.84	0.808	4.284	3.599	0.84	0.855	4.176	3.508	0.84	0.912

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	3.204	2.051	0.64	0.902	3.060	1.958	0.64	0.968	2.916	1.866	0.64	1.048
20	18	3.456	1.797	0.52	0.926	3.348	1.741	0.52	0.996	3.132	1.629	0.52	1.072
20	20	3.744	1.498	0.40	0.949	3.600	1.440	0.40	1.015	3.384	1.354	0.40	1.090
22	16	3.204	2.307	0.72	0.902	3.060	2.203	0.72	0.968	2.916	2.100	0.72	1.048
22	18	3.456	2.074	0.60	0.926	3.348	2.009	0.60	0.996	3.132	1.879	0.60	1.072
22	20	3.744	1.797	0.48	0.949	3.600	1.728	0.48	1.015	3.384	1.624	0.48	1.090
24	16	3.204	2.563	0.80	0.902	3.060	2.448	0.80	0.968	2.916	2.333	0.80	1.048
24	18	3.456	2.350	0.68	0.926	3.348	2.277	0.68	0.996	3.132	2.130	0.68	1.072
24	20	3.744	2.097	0.56	0.949	3.600	2.016	0.56	1.015	3.384	1.895	0.56	1.090
24	22	4.032	1.774	0.44	0.968	3.888	1.711	0.44	1.043	3.672	1.616	0.44	1.109
26	16	3.204	2.820	0.88	0.902	3.060	2.693	0.88	0.968	2.916	2.566	0.88	1.048
26	18	3.456	2.627	0.76	0.926	3.348	2.544	0.76	0.996	3.132	2.380	0.76	1.072
26	20	3.744	2.396	0.64	0.949	3.600	2.304	0.64	1.015	3.384	2.166	0.64	1.090
26	22	4.032	2.097	0.52	0.968	3.888	2.022	0.52	1.043	3.672	1.909	0.52	1.109
27	16	3.204	2.948	0.92	0.902	3.060	2.815	0.92	0.968	2.916	2.683	0.92	1.048
27	18	3.456	2.765	0.80	0.926	3.348	2.678	0.80	0.996	3.132	2.506	0.80	1.072
27	20	3.744	2.546	0.68	0.949	3.600	2.448	0.68	1.015	3.384	2.301	0.68	1.090
27	22	4.032	2.258	0.56	0.968	3.888	2.177	0.56	1.043	3.672	2.056	0.56	1.109
28	16	3.204	3.076	0.96	0.902	3.060	2.938	0.96	0.968	2.916	2.799	0.96	1.048
28	18	3.456	2.903	0.84	0.926	3.348	2.812	0.84	0.996	3.132	2.631	0.84	1.072
28	20	3.744	2.696	0.72	0.949	3.600	2.592	0.72	1.015	3.384	2.436	0.72	1.090
28	22	4.032	2.419	0.60	0.968	3.888	2.333	0.60	1.043	3.672	2.203	0.60	1.109
30	16	3.204	3.204	1.00	0.902	3.060	3.060	1.00	0.968	2.916	2.916	1.00	1.048
30	18	3.456	3.180	0.92	0.926	3.348	3.080	0.92	0.996	3.132	2.881	0.92	1.072
30	20	3.744	2.995	0.80	0.949	3.600	2.880	0.80	1.015	3.384	2.707	0.80	1.090
30	22	4.032	2.742	0.68	0.968	3.888	2.644	0.68	1.043	3.672	2.497	0.68	1.109
32	16	3.204	3.204	1.00	0.902	3.060	3.060	1.00	0.968	2.916	2.916	1.00	1.048
32	18	3.456	3.456	1.00	0.926	3.348	3.348	1.00	0.996	3.132	3.132	1.00	1.072
32	20	3.744	3.295	0.88	0.949	3.600	3.168	0.88	1.015	3.384	2.978	0.88	1.090
32	22	4.032	3.064	0.76	0.968	3.888	2.955	0.76	1.043	3.672	2.791	0.76	1.109
34	16	3.204	3.204	1.00	0.902	3.060	3.060	1.00	0.968	2.916	2.916	1.00	1.048
34	18	3.456	3.456	1.00	0.926	3.348	3.348	1.00	0.996	3.132	3.132	1.00	1.072
34	20	3.744	3.594	0.96	0.949	3.600	3.456	0.96	1.015	3.384	3.249	0.96	1.090
34	22	4.032	3.387	0.84	0.968	3.888	3.266	0.84	1.043	3.672	3.084	0.84	1.109

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M50LA2 PKA-M50LAL2 / PUHZ-ZRP50VKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.554	2.550	0.56	1.139	4.416	2.473	0.56	1.203	4.278	2.396	0.56	1.274
20	18	4.876	2.145	0.44	1.161	4.738	2.085	0.44	1.225	4.577	2.014	0.44	1.310
20	20	5.244	1.678	0.32	1.196	5.129	1.641	0.32	1.253	4.991	1.597	0.32	1.339
22	16	4.554	2.915	0.64	1.139	4.416	2.826	0.64	1.203	4.278	2.738	0.64	1.274
22	18	4.876	2.536	0.52	1.161	4.738	2.464	0.52	1.225	4.577	2.380	0.52	1.310
22	20	5.244	2.098	0.40	1.196	5.129	2.052	0.40	1.253	4.991	1.996	0.40	1.339
24	16	4.554	3.279	0.72	1.139	4.416	3.180	0.72	1.203	4.278	3.080	0.72	1.274
24	18	4.876	2.926	0.60	1.161	4.738	2.843	0.60	1.225	4.577	2.746	0.60	1.310
24	20	5.244	2.517	0.48	1.196	5.129	2.462	0.48	1.253	4.991	2.396	0.48	1.339
24	22	5.589	2.012	0.36	1.225	5.474	1.971	0.36	1.296	5.336	1.921	0.36	1.381
26	16	4.554	3.643	0.80	1.139	4.416	3.533	0.80	1.203	4.278	3.422	0.80	1.274
26	18	4.876	3.316	0.68	1.161	4.738	3.222	0.68	1.225	4.577	3.112	0.68	1.310
26	20	5.244	2.937	0.56	1.196	5.129	2.872	0.56	1.253	4.991	2.795	0.56	1.339
26	22	5.589	2.459	0.44	1.225	5.474	2.409	0.44	1.296	5.336	2.348	0.44	1.381
27	16	4.554	3.825	0.84	1.139	4.416	3.709	0.84	1.203	4.278	3.594	0.84	1.274
27	18	4.876	3.511	0.72	1.161	4.738	3.411	0.72	1.225	4.577	3.295	0.72	1.310
27	20	5.244	3.146	0.60	1.196	5.129	3.077	0.60	1.253	4.991	2.995	0.60	1.339
27	22	5.589	2.683	0.48	1.225	5.474	2.628	0.48	1.296	5.336	2.561	0.48	1.381
28	16	4.554	4.008	0.88	1.139	4.416	3.886	0.88	1.203	4.278	3.765	0.88	1.274
28	18	4.876	3.706	0.76	1.161	4.738	3.601	0.76	1.225	4.577	3.479	0.76	1.310
28	20	5.244	3.356	0.64	1.196	5.129	3.283	0.64	1.253	4.991	3.194	0.64	1.339
28	22	5.589	2.906	0.52	1.225	5.474	2.846	0.52	1.296	5.336	2.775	0.52	1.381
30	16	4.554	4.372	0.96	1.139	4.416	4.239	0.96	1.203	4.278	4.107	0.96	1.274
30	18	4.876	4.096	0.84	1.161	4.738	3.980	0.84	1.225	4.577	3.845	0.84	1.310
30	20	5.244	3.776	0.72	1.196	5.129	3.693	0.72	1.253	4.991	3.594	0.72	1.339
30	22	5.589	3.353	0.60	1.225	5.474	3.284	0.60	1.296	5.336	3.202	0.60	1.381
32	16	4.554	4.554	1.00	1.139	4.416	4.416	1.00	1.203	4.278	4.278	1.00	1.274
32	18	4.876	4.486	0.92	1.161	4.738	4.359	0.92	1.225	4.577	4.211	0.92	1.310
32	20	5.244	4.195	0.80	1.196	5.129	4.103	0.80	1.253	4.991	3.993	0.80	1.339
32	22	5.589	3.801	0.68	1.225	5.474	3.722	0.68	1.296	5.336	3.628	0.68	1.381
34	16	4.554	4.554	1.00	1.139	4.416	4.416	1.00	1.203	4.278	4.278	1.00	1.274
34	18	4.876	4.876	1.00	1.161	4.738	4.738	1.00	1.225	4.577	4.577	1.00	1.310
34	20	5.244	4.615	0.88	1.196	5.129	4.514	0.88	1.253	4.991	4.392	0.88	1.339
34	22	5.589	4.248	0.76	1.225	5.474	4.160	0.76	1.296	5.336	4.055	0.76	1.381

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	4.094	2.293	0.56	1.367	3.910	2.190	0.56	1.467	3.726	2.087	0.56	1.588
20	18	4.416	1.943	0.44	1.403	4.278	1.882	0.44	1.509	4.002	1.761	0.44	1.623
20	20	4.784	1.531	0.32	1.438	4.600	1.472	0.32	1.538	4.324	1.384	0.32	1.652
22	16	4.094	2.620	0.64	1.367	3.910	2.502	0.64	1.467	3.726	2.385	0.64	1.588
22	18	4.416	2.296	0.52	1.403	4.278	2.225	0.52	1.509	4.002	2.081	0.52	1.623
22	20	4.784	1.914	0.40	1.438	4.600	1.840	0.40	1.538	4.324	1.730	0.40	1.652
24	16	4.094	2.948	0.72	1.367	3.910	2.815	0.72	1.467	3.726	2.683	0.72	1.588
24	18	4.416	2.650	0.60	1.403	4.278	2.567	0.60	1.509	4.002	2.401	0.60	1.623
24	20	4.784	2.296	0.48	1.438	4.600	2.208	0.48	1.538	4.324	2.076	0.48	1.652
24	22	5.152	1.855	0.36	1.467	4.968	1.788	0.36	1.581	4.692	1.689	0.36	1.680
26	16	4.094	3.275	0.80	1.367	3.910	3.128	0.80	1.467	3.726	2.981	0.80	1.588
26	18	4.416	3.003	0.68	1.403	4.278	2.909	0.68	1.509	4.002	2.721	0.68	1.623
26	20	4.784	2.679	0.56	1.438	4.600	2.576	0.56	1.538	4.324	2.421	0.56	1.652
26	22	5.152	2.267	0.44	1.467	4.968	2.186	0.44	1.581	4.692	2.064	0.44	1.680
27	16	4.094	3.439	0.84	1.367	3.910	3.284	0.84	1.467	3.726	3.130	0.84	1.588
27	18	4.416	3.180	0.72	1.403	4.278	3.080	0.72	1.509	4.002	2.881	0.72	1.623
27	20	4.784	2.870	0.60	1.438	4.600	2.760	0.60	1.538	4.324	2.594	0.60	1.652
27	22	5.152	2.473	0.48	1.467	4.968	2.385	0.48	1.581	4.692	2.252	0.48	1.680
28	16	4.094	3.603	0.88	1.367	3.910	3.441	0.88	1.467	3.726	3.279	0.88	1.588
28	18	4.416	3.356	0.76	1.403	4.278	3.251	0.76	1.509	4.002	3.042	0.76	1.623
28	20	4.784	3.062	0.64	1.438	4.600	2.944	0.64	1.538	4.324	2.767	0.64	1.652
28	22	5.152	2.679	0.52	1.467	4.968	2.583	0.52	1.581	4.692	2.440	0.52	1.680
30	16	4.094	3.930	0.96	1.367	3.910	3.754	0.96	1.467	3.726	3.577	0.96	1.588
30	18	4.416	3.709	0.84	1.403	4.278	3.594	0.84	1.509	4.002	3.362	0.84	1.623
30	20	4.784	3.444	0.72	1.438	4.600	3.312	0.72	1.538	4.324	3.113	0.72	1.652
30	22	5.152	3.091	0.60	1.467	4.968	2.981	0.60	1.581	4.692	2.815	0.60	1.680
32	16	4.094	4.094	1.00	1.367	3.910	3.910	1.00	1.467	3.726	3.726	1.00	1.588
32	18	4.416	4.063	0.92	1.403	4.278	3.936	0.92	1.509	4.002	3.682	0.92	1.623
32	20	4.784	3.827	0.80	1.438	4.600	3.680	0.80	1.538	4.324	3.459	0.80	1.652
32	22	5.152	3.503	0.68	1.467	4.968	3.378	0.68	1.581	4.692	3.191	0.68	1.680
34	16	4.094	4.094	1.00	1.367	3.910	3.910	1.00	1.467	3.726	3.726	1.00	1.588
34	18	4.416	4.416	1.00	1.403	4.278	4.278	1.00	1.509	4.002	4.002	1.00	1.623
34	20	4.784	4.210	0.88	1.438	4.600	4.048	0.88	1.538	4.324	3.805	0.88	1.652
34	22	5.152	3.916	0.76	1.467	4.968	3.776	0.76	1.581	4.692	3.566	0.76	1.680

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

WALL-MOUNTED PERFORMANCE DATA

COOLING CAPACITY
PKA-M60KA2 PKA-M60KAL2 / PUHZ-ZRP60VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.039	4.590	0.76	1.281	5.856	4.451	0.76	1.353	5.673	4.311	0.76	1.433
20	18	6.466	4.138	0.64	1.305	6.283	4.021	0.64	1.377	6.070	3.885	0.64	1.473
20	20	6.954	3.616	0.52	1.345	6.802	3.537	0.52	1.409	6.619	3.442	0.52	1.505
22	16	6.039	5.073	0.84	1.281	5.856	4.919	0.84	1.353	5.673	4.765	0.84	1.433
22	18	6.466	4.656	0.72	1.305	6.283	4.524	0.72	1.377	6.070	4.370	0.72	1.473
22	20	6.954	4.172	0.60	1.345	6.802	4.081	0.60	1.409	6.619	3.971	0.60	1.505
24	16	6.039	5.556	0.92	1.281	5.856	5.388	0.92	1.353	5.673	5.219	0.92	1.433
24	18	6.466	5.173	0.80	1.305	6.283	5.026	0.80	1.377	6.070	4.856	0.80	1.473
24	20	6.954	4.729	0.68	1.345	6.802	4.625	0.68	1.409	6.619	4.501	0.68	1.505
24	22	7.412	4.151	0.56	1.377	7.259	4.065	0.56	1.457	7.076	3.963	0.56	1.553
26	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
26	18	6.466	5.690	0.88	1.305	6.283	5.529	0.88	1.377	6.070	5.342	0.88	1.473
26	20	6.954	5.285	0.76	1.345	6.802	5.170	0.76	1.409	6.619	5.030	0.76	1.505
26	22	7.412	4.744	0.64	1.377	7.259	4.646	0.64	1.457	7.076	4.529	0.64	1.553
27	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
27	18	6.466	5.949	0.92	1.305	6.283	5.780	0.92	1.377	6.070	5.584	0.92	1.473
27	20	6.954	5.563	0.80	1.345	6.802	5.442	0.80	1.409	6.619	5.295	0.80	1.505
27	22	7.412	5.040	0.68	1.377	7.259	4.936	0.68	1.457	7.076	4.812	0.68	1.553
28	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
28	18	6.466	6.207	0.96	1.305	6.283	6.032	0.96	1.377	6.070	5.827	0.96	1.473
28	20	6.954	5.841	0.84	1.345	6.802	5.714	0.84	1.409	6.619	5.560	0.84	1.505
28	22	7.412	5.337	0.72	1.377	7.259	5.226	0.72	1.457	7.076	5.095	0.72	1.553
30	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
30	18	6.466	6.466	1.00	1.305	6.283	6.283	1.00	1.377	6.070	6.070	1.00	1.473
30	20	6.954	6.398	0.92	1.345	6.802	6.258	0.92	1.409	6.619	6.089	0.92	1.505
30	22	7.412	5.930	0.80	1.377	7.259	5.807	0.80	1.457	7.076	5.661	0.80	1.553
32	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
32	18	6.466	6.466	1.00	1.305	6.283	6.283	1.00	1.377	6.070	6.070	1.00	1.473
32	20	6.954	6.954	1.00	1.345	6.802	6.802	1.00	1.409	6.619	6.619	1.00	1.505
32	22	7.412	6.523	0.88	1.377	7.259	6.388	0.88	1.457	7.076	6.227	0.88	1.553
34	16	6.039	6.039	1.00	1.281	5.856	5.856	1.00	1.353	5.673	5.673	1.00	1.433
34	18	6.466	6.466	1.00	1.305	6.283	6.283	1.00	1.377	6.070	6.070	1.00	1.473
34	20	6.954	6.954	1.00	1.345	6.802	6.802	1.00	1.409	6.619	6.619	1.00	1.505
34	22	7.412	7.116	0.96	1.377	7.259	6.969	0.96	1.457	7.076	6.793	0.96	1.553

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	5.429	4.126	0.76	1.537	5.185	3.941	0.76	1.649	4.941	3.755	0.76	1.785
20	18	5.856	3.748	0.64	1.577	5.673	3.631	0.64	1.697	5.307	3.396	0.64	1.825
20	20	6.344	3.299	0.52	1.617	6.100	3.172	0.52	1.729	5.734	2.982	0.52	1.857
22	16	5.429	4.560	0.84	1.537	5.185	4.355	0.84	1.649	4.941	4.150	0.84	1.785
22	18	5.856	4.216	0.72	1.577	5.673	4.085	0.72	1.697	5.307	3.821	0.72	1.825
22	20	6.344	3.806	0.60	1.617	6.100	3.660	0.60	1.729	5.734	3.440	0.60	1.857
24	16	5.429	4.995	0.92	1.537	5.185	4.770	0.92	1.649	4.941	4.546	0.92	1.785
24	18	5.856	4.685	0.80	1.577	5.673	4.538	0.80	1.697	5.307	4.246	0.80	1.825
24	20	6.344	4.314	0.68	1.617	6.100	4.148	0.68	1.729	5.734	3.899	0.68	1.857
24	22	6.832	3.826	0.56	1.649	6.588	3.689	0.56	1.777	6.222	3.484	0.56	1.889
26	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
26	18	5.856	5.153	0.88	1.577	5.673	4.992	0.88	1.697	5.307	4.670	0.88	1.825
26	20	6.344	4.821	0.76	1.617	6.100	4.636	0.76	1.729	5.734	4.358	0.76	1.857
26	22	6.832	4.372	0.64	1.649	6.588	4.216	0.64	1.777	6.222	3.982	0.64	1.889
27	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
27	18	5.856	5.388	0.92	1.577	5.673	5.219	0.92	1.697	5.307	4.882	0.92	1.825
27	20	6.344	5.075	0.80	1.617	6.100	4.880	0.80	1.729	5.734	4.587	0.80	1.857
27	22	6.832	4.646	0.68	1.649	6.588	4.480	0.68	1.777	6.222	4.231	0.68	1.889
28	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
28	18	5.856	5.622	0.96	1.577	5.673	5.446	0.96	1.697	5.307	5.095	0.96	1.825
28	20	6.344	5.329	0.84	1.617	6.100	5.124	0.84	1.729	5.734	4.817	0.84	1.857
28	22	6.832	4.919	0.72	1.649	6.588	4.743	0.72	1.777	6.222	4.480	0.72	1.889
30	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
30	18	5.856	5.856	1.00	1.577	5.673	5.673	1.00	1.697	5.307	5.307	1.00	1.825
30	20	6.344	5.836	0.92	1.617	6.100	5.612	0.92	1.729	5.734	5.275	0.92	1.857
30	22	6.832	5.466	0.80	1.649	6.588	5.270	0.80	1.777	6.222	4.978	0.80	1.889
32	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
32	18	5.856	5.856	1.00	1.577	5.673	5.673	1.00	1.697	5.307	5.307	1.00	1.825
32	20	6.344	6.344	1.00	1.617	6.100	6.100	1.00	1.729	5.734	5.734	1.00	1.857
32	22	6.832	6.012	0.88	1.649	6.588	5.797	0.88	1.777	6.222	5.475	0.88	1.889
34	16	5.429	5.429	1.00	1.537	5.185	5.185	1.00	1.649	4.941	4.941	1.00	1.785
34	18	5.856	5.856	1.00	1.577	5.673	5.673	1.00	1.697	5.307	5.307	1.00	1.825
34	20	6.344	6.344	1.00	1.617	6.100	6.100	1.00	1.729	5.734	5.734	1.00	1.857
34	22	6.832	6.559	0.96	1.649	6.588	6.324	0.96	1.777	6.222	5.973	0.96	1.889

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M71KA2 PKA-M71KAL2 / PUHZ-ZRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.780	0.68	1.442	6.816	4.635	0.68	1.523	6.603	4.490	0.68	1.613
20	18	7.526	4.215	0.56	1.469	7.313	4.095	0.56	1.550	7.065	3.956	0.56	1.658
20	20	8.094	3.561	0.44	1.514	7.917	3.483	0.44	1.586	7.704	3.390	0.44	1.694
22	16	7.029	5.342	0.76	1.442	6.816	5.180	0.76	1.523	6.603	5.018	0.76	1.613
22	18	7.526	4.817	0.64	1.469	7.313	4.680	0.64	1.550	7.065	4.522	0.64	1.658
22	20	8.094	4.209	0.52	1.514	7.917	4.117	0.52	1.586	7.704	4.006	0.52	1.694
24	16	7.029	5.904	0.84	1.442	6.816	5.725	0.84	1.523	6.603	5.547	0.84	1.613
24	18	7.526	5.419	0.72	1.469	7.313	5.265	0.72	1.550	7.065	5.087	0.72	1.658
24	20	8.094	4.856	0.60	1.514	7.917	4.750	0.60	1.586	7.704	4.622	0.60	1.694
24	22	8.627	4.141	0.48	1.550	8.449	4.056	0.48	1.640	8.236	3.953	0.48	1.748
26	16	7.029	6.467	0.92	1.442	6.816	6.271	0.92	1.523	6.603	6.075	0.92	1.613
26	18	7.526	6.021	0.80	1.469	7.313	5.850	0.80	1.550	7.065	5.652	0.80	1.658
26	20	8.094	5.504	0.68	1.514	7.917	5.384	0.68	1.586	7.704	5.239	0.68	1.694
26	22	8.627	4.831	0.56	1.550	8.449	4.731	0.56	1.640	8.236	4.612	0.56	1.748
27	16	7.029	6.748	0.96	1.442	6.816	6.543	0.96	1.523	6.603	6.339	0.96	1.613
27	18	7.526	6.322	0.84	1.469	7.313	6.143	0.84	1.550	7.065	5.935	0.84	1.658
27	20	8.094	5.828	0.72	1.514	7.917	5.700	0.72	1.586	7.704	5.547	0.72	1.694
27	22	8.627	5.176	0.60	1.550	8.449	5.069	0.60	1.640	8.236	4.942	0.60	1.748
28	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
28	18	7.526	6.623	0.88	1.469	7.313	6.435	0.88	1.550	7.065	6.217	0.88	1.658
28	20	8.094	6.151	0.76	1.514	7.917	6.017	0.76	1.586	7.704	5.855	0.76	1.694
28	22	8.627	5.521	0.64	1.550	8.449	5.407	0.64	1.640	8.236	5.271	0.64	1.748
30	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
30	18	7.526	7.225	0.96	1.469	7.313	7.020	0.96	1.550	7.065	6.782	0.96	1.658
30	20	8.094	6.799	0.84	1.514	7.917	6.650	0.84	1.586	7.704	6.471	0.84	1.694
30	22	8.627	6.211	0.72	1.550	8.449	6.083	0.72	1.640	8.236	5.930	0.72	1.748
32	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
32	18	7.526	7.526	1.00	1.469	7.313	7.313	1.00	1.550	7.065	7.065	1.00	1.658
32	20	8.094	7.446	0.92	1.514	7.917	7.284	0.92	1.586	7.704	7.088	0.92	1.694
32	22	8.627	6.902	0.80	1.550	8.449	6.759	0.80	1.640	8.236	6.589	0.80	1.748
34	16	7.029	7.029	1.00	1.442	6.816	6.816	1.00	1.523	6.603	6.603	1.00	1.613
34	18	7.526	7.526	1.00	1.469	7.313	7.313	1.00	1.550	7.065	7.065	1.00	1.658
34	20	8.094	8.094	1.00	1.514	7.917	7.917	1.00	1.586	7.704	7.704	1.00	1.694
34	22	8.627	7.592	0.88	1.550	8.449	7.435	0.88	1.640	8.236	7.248	0.88	1.748

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.297	0.68	1.730	6.035	4.104	0.68	1.856	5.751	3.911	0.68	2.009
20	18	6.816	3.817	0.56	1.775	6.603	3.698	0.56	1.910	6.177	3.459	0.56	2.054
20	20	7.384	3.249	0.44	1.820	7.100	3.124	0.44	1.946	6.674	2.937	0.44	2.090
22	16	6.319	4.802	0.76	1.730	6.035	4.587	0.76	1.856	5.751	4.371	0.76	2.009
22	18	6.816	4.362	0.64	1.775	6.603	4.226	0.64	1.910	6.177	3.953	0.64	2.054
22	20	7.384	3.840	0.52	1.820	7.100	3.692	0.52	1.946	6.674	3.470	0.52	2.090
24	16	6.319	5.308	0.84	1.730	6.035	5.069	0.84	1.856	5.751	4.831	0.84	2.009
24	18	6.816	4.908	0.72	1.775	6.603	4.754	0.72	1.910	6.177	4.447	0.72	2.054
24	20	7.384	4.430	0.60	1.820	7.100	4.260	0.60	1.946	6.674	4.004	0.60	2.090
24	22	7.952	3.817	0.48	1.856	7.668	3.681	0.48	2.000	7.242	3.476	0.48	2.126
26	16	6.319	5.813	0.92	1.730	6.035	5.552	0.92	1.856	5.751	5.291	0.92	2.009
26	18	6.816	5.453	0.80	1.775	6.603	5.282	0.80	1.910	6.177	4.942	0.80	2.054
26	20	7.384	5.021	0.68	1.820	7.100	4.828	0.68	1.946	6.674	4.538	0.68	2.090
26	22	7.952	4.453	0.56	1.856	7.668	4.294	0.56	2.000	7.242	4.056	0.56	2.126
27	16	6.319	6.066	0.96	1.730	6.035	5.794	0.96	1.856	5.751	5.521	0.96	2.009
27	18	6.816	5.725	0.84	1.775	6.603	5.547	0.84	1.910	6.177	5.189	0.84	2.054
27	20	7.384	5.316	0.72	1.820	7.100	5.112	0.72	1.946	6.674	4.805	0.72	2.090
27	22	7.952	4.771	0.60	1.856	7.668	4.601	0.60	2.000	7.242	4.345	0.60	2.126
28	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
28	18	6.816	5.998	0.88	1.775	6.603	5.811	0.88	1.910	6.177	5.436	0.88	2.054
28	20	7.384	5.612	0.76	1.820	7.100	5.396	0.76	1.946	6.674	5.072	0.76	2.090
28	22	7.952	5.089	0.64	1.856	7.668	4.908	0.64	2.000	7.242	4.635	0.64	2.126
30	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
30	18	6.816	6.543	0.96	1.775	6.603	6.339	0.96	1.910	6.177	5.930	0.96	2.054
30	20	7.384	6.203	0.84	1.820	7.100	5.964	0.84	1.946	6.674	5.606	0.84	2.090
30	22	7.952	5.725	0.72	1.856	7.668	5.521	0.72	2.000	7.242	5.214	0.72	2.126
32	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
32	18	6.816	6.816	1.00	1.775	6.603	6.603	1.00	1.910	6.177	6.177	1.00	2.054
32	20	7.384	6.793	0.92	1.820	7.100	6.532	0.92	1.946	6.674	6.140	0.92	2.090
32	22	7.952	6.362	0.80	1.856	7.668	6.134	0.80	2.000	7.242	5.794	0.80	2.126
34	16	6.319	6.319	1.00	1.730	6.035	6.035	1.00	1.856	5.751	5.751	1.00	2.009
34	18	6.816	6.816	1.00	1.775	6.603	6.603	1.00	1.910	6.177	6.177	1.00	2.054
34	20	7.384	7.384	1.00	1.820	7.100	7.100	1.00	1.946	6.674	6.674	1.00	2.090
34	22	7.952	6.998	0.88	1.856	7.668	6.748	0.88	2.000	7.242	6.373	0.88	2.126

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

WALL-MOUNTED PERFORMANCE DATA

COOLING CAPACITY
PKA-M100KA2 PKA-M100KAL2 / PUHZ-ZRP100VKA3 PUHZ-ZRP100YKA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.405	5.925	0.63	1.918	9.120	5.746	0.63	2.026	8.835	5.566	0.63	2.146
20	18	10.070	5.136	0.51	1.954	9.785	4.990	0.51	2.062	9.453	4.821	0.51	2.206
20	20	10.830	4.224	0.39	2.014	10.593	4.131	0.39	2.110	10.308	4.020	0.39	2.254
22	16	9.405	6.678	0.71	1.918	9.120	6.475	0.71	2.026	8.835	6.273	0.71	2.146
22	18	10.070	5.941	0.59	1.954	9.785	5.773	0.59	2.062	9.453	5.577	0.59	2.206
22	20	10.830	5.090	0.47	2.014	10.593	4.979	0.47	2.110	10.308	4.845	0.47	2.254
24	16	9.405	7.430	0.79	1.918	9.120	7.205	0.79	2.026	8.835	6.980	0.79	2.146
24	18	10.070	6.747	0.67	1.954	9.785	6.556	0.67	2.062	9.453	6.334	0.67	2.206
24	20	10.830	5.957	0.55	2.014	10.593	5.826	0.55	2.110	10.308	5.669	0.55	2.254
24	22	11.543	4.963	0.43	2.062	11.305	4.861	0.43	2.182	11.020	4.739	0.43	2.326
26	16	9.405	8.182	0.87	1.918	9.120	7.934	0.87	2.026	8.835	7.686	0.87	2.146
26	18	10.070	7.553	0.75	1.954	9.785	7.339	0.75	2.062	9.453	7.090	0.75	2.206
26	20	10.830	6.823	0.63	2.014	10.593	6.674	0.63	2.110	10.308	6.494	0.63	2.254
26	22	11.543	5.887	0.51	2.062	11.305	5.766	0.51	2.182	11.020	5.620	0.51	2.326
27	16	9.405	8.559	0.91	1.918	9.120	8.299	0.91	2.026	8.835	8.040	0.91	2.146
27	18	10.070	7.955	0.79	1.954	9.785	7.730	0.79	2.062	9.453	7.468	0.79	2.206
27	20	10.830	7.256	0.67	2.014	10.593	7.097	0.67	2.110	10.308	6.906	0.67	2.254
27	22	11.543	6.349	0.55	2.062	11.305	6.218	0.55	2.182	11.020	6.061	0.55	2.326
28	16	9.405	8.935	0.95	1.918	9.120	8.664	0.95	2.026	8.835	8.393	0.95	2.146
28	18	10.070	8.358	0.83	1.954	9.785	8.122	0.83	2.062	9.453	7.846	0.83	2.206
28	20	10.830	7.689	0.71	2.014	10.593	7.521	0.71	2.110	10.308	7.319	0.71	2.254
28	22	11.543	6.810	0.59	2.062	11.305	6.670	0.59	2.182	11.020	6.502	0.59	2.326
30	16	9.405	9.405	1.00	1.918	9.120	9.120	1.00	2.026	8.835	8.835	1.00	2.146
30	18	10.070	9.164	0.91	1.954	9.785	8.904	0.91	2.062	9.453	8.602	0.91	2.206
30	20	10.830	8.556	0.79	2.014	10.593	8.368	0.79	2.110	10.308	8.143	0.79	2.254
30	22	11.543	7.734	0.67	2.062	11.305	7.574	0.67	2.182	11.020	7.383	0.67	2.326
32	16	9.405	9.405	1.00	1.918	9.120	9.120	1.00	2.026	8.835	8.835	1.00	2.146
32	18	10.070	9.969	0.99	1.954	9.785	9.687	0.99	2.062	9.453	9.358	0.99	2.206
32	20	10.830	9.422	0.87	2.014	10.593	9.216	0.87	2.110	10.308	8.968	0.87	2.254
32	22	11.543	8.657	0.75	2.062	11.305	8.479	0.75	2.182	11.020	8.265	0.75	2.326
34	16	9.405	9.405	1.00	1.918	9.120	9.120	1.00	2.026	8.835	8.835	1.00	2.146
34	18	10.070	10.070	1.00	1.954	9.785	9.785	1.00	2.062	9.453	9.453	1.00	2.206
34	20	10.830	10.289	0.95	2.014	10.593	10.063	0.95	2.110	10.308	9.793	0.95	2.254
34	22	11.543	9.581	0.83	2.062	11.305	9.383	0.83	2.182	11.020	9.147	0.83	2.326

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.455	5.327	0.63	2.302	8.075	5.087	0.63	2.470	7.695	4.848	0.63	2.674
20	18	9.120	4.651	0.51	2.362	8.835	4.506	0.51	2.542	8.265	4.215	0.51	2.734
20	20	9.880	3.853	0.39	2.422	9.500	3.705	0.39	2.590	8.930	3.483	0.39	2.782
22	16	8.455	6.003	0.71	2.302	8.075	5.733	0.71	2.470	7.695	5.463	0.71	2.674
22	18	9.120	5.381	0.59	2.362	8.835	5.213	0.59	2.542	8.265	4.876	0.59	2.734
22	20	9.880	4.644	0.47	2.422	9.500	4.465	0.47	2.590	8.930	4.197	0.47	2.782
24	16	8.455	6.679	0.79	2.302	8.075	6.379	0.79	2.470	7.695	6.079	0.79	2.674
24	18	9.120	6.110	0.67	2.362	8.835	5.919	0.67	2.542	8.265	5.538	0.67	2.734
24	20	9.880	5.434	0.55	2.422	9.500	5.225	0.55	2.590	8.930	4.912	0.55	2.782
24	22	10.640	4.575	0.43	2.470	10.260	4.412	0.43	2.662	9.690	4.167	0.43	2.830
26	16	8.455	7.356	0.87	2.302	8.075	7.025	0.87	2.470	7.695	6.695	0.87	2.674
26	18	9.120	6.840	0.75	2.362	8.835	6.626	0.75	2.542	8.265	6.199	0.75	2.734
26	20	9.880	6.224	0.63	2.422	9.500	5.985	0.63	2.590	8.930	5.626	0.63	2.782
26	22	10.640	5.426	0.51	2.470	10.260	5.233	0.51	2.662	9.690	4.942	0.51	2.830
27	16	8.455	7.694	0.91	2.302	8.075	7.348	0.91	2.470	7.695	7.002	0.91	2.674
27	18	9.120	7.205	0.79	2.362	8.835	6.980	0.79	2.542	8.265	6.529	0.79	2.734
27	20	9.880	6.620	0.67	2.422	9.500	6.365	0.67	2.590	8.930	5.983	0.67	2.782
27	22	10.640	5.852	0.55	2.470	10.260	5.643	0.55	2.662	9.690	5.330	0.55	2.830
28	16	8.455	8.032	0.95	2.302	8.075	7.671	0.95	2.470	7.695	7.310	0.95	2.674
28	18	9.120	7.570	0.83	2.362	8.835	7.333	0.83	2.542	8.265	6.860	0.83	2.734
28	20	9.880	7.015	0.71	2.422	9.500	6.745	0.71	2.590	8.930	6.340	0.71	2.782
28	22	10.640	6.278	0.59	2.470	10.260	6.053	0.59	2.662	9.690	5.717	0.59	2.830
30	16	8.455	8.455	1.00	2.302	8.075	8.075	1.00	2.470	7.695	7.695	1.00	2.674
30	18	9.120	8.299	0.91	2.362	8.835	8.040	0.91	2.542	8.265	7.521	0.91	2.734
30	20	9.880	7.805	0.79	2.422	9.500	7.505	0.79	2.590	8.930	7.055	0.79	2.782
30	22	10.640	7.129	0.67	2.470	10.260	6.874	0.67	2.662	9.690	6.492	0.67	2.830
32	16	8.455	8.455	1.00	2.302	8.075	8.075	1.00	2.470	7.695	7.695	1.00	2.674
32	18	9.120	9.029	0.99	2.362	8.835	8.747	0.99	2.542	8.265	8.182	0.99	2.734
32	20	9.880	8.596	0.87	2.422	9.500	8.265	0.87	2.590	8.930	7.769	0.87	2.782
32	22	10.640	7.980	0.75	2.470	10.260	7.695	0.75	2.662	9.690	7.268	0.75	2.830
34	16	8.455	8.455	1.00	2.302	8.075	8.075	1.00	2.470	7.695	7.695	1.00	2.674
34	18	9.120	9.120	1.00	2.362	8.835	8.835	1.00	2.542	8.265	8.265	1.00	2.734
34	20	9.880	9.386	0.95	2.422	9.500	9.025	0.95	2.590	8.930	8.484	0.95	2.782
34	22	10.640	8.831	0.83	2.470	10.260	8.516	0.83	2.662	9.690	8.043	0.83	2.830

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M71KA2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.780	0.68	1.547	6.816	4.635	0.68	1.634	6.603	4.490	0.68	1.731
20	18	7.526	4.215	0.56	1.576	7.313	4.095	0.56	1.663	7.065	3.956	0.56	1.779
20	20	8.094	3.561	0.44	1.625	7.917	3.483	0.44	1.702	7.704	3.390	0.44	1.818
22	16	7.029	5.342	0.76	1.547	6.816	5.180	0.76	1.634	6.603	5.018	0.76	1.731
22	18	7.526	4.817	0.64	1.576	7.313	4.680	0.64	1.663	7.065	4.522	0.64	1.779
22	20	8.094	4.209	0.52	1.625	7.917	4.117	0.52	1.702	7.704	4.006	0.52	1.818
24	16	7.029	5.904	0.84	1.547	6.816	5.725	0.84	1.634	6.603	5.547	0.84	1.731
24	18	7.526	5.419	0.72	1.576	7.313	5.265	0.72	1.663	7.065	5.087	0.72	1.779
24	20	8.094	4.856	0.60	1.625	7.917	4.750	0.60	1.702	7.704	4.622	0.60	1.818
24	22	8.627	4.141	0.48	1.663	8.449	4.056	0.48	1.760	8.236	3.953	0.48	1.876
26	16	7.029	6.467	0.92	1.547	6.816	6.271	0.92	1.634	6.603	6.075	0.92	1.731
26	18	7.526	6.021	0.80	1.576	7.313	5.850	0.80	1.663	7.065	5.652	0.80	1.779
26	20	8.094	5.504	0.68	1.625	7.917	5.384	0.68	1.702	7.704	5.239	0.68	1.818
26	22	8.627	4.831	0.56	1.663	8.449	4.731	0.56	1.760	8.236	4.612	0.56	1.876
27	16	7.029	6.748	0.96	1.547	6.816	6.543	0.96	1.634	6.603	6.339	0.96	1.731
27	18	7.526	6.322	0.84	1.576	7.313	6.143	0.84	1.663	7.065	5.935	0.84	1.779
27	20	8.094	5.828	0.72	1.625	7.917	5.700	0.72	1.702	7.704	5.547	0.72	1.818
27	22	8.627	5.176	0.60	1.663	8.449	5.069	0.60	1.760	8.236	4.942	0.60	1.876
28	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
28	18	7.526	6.623	0.88	1.576	7.313	6.435	0.88	1.663	7.065	6.217	0.88	1.779
28	20	8.094	6.151	0.76	1.625	7.917	6.017	0.76	1.702	7.704	5.855	0.76	1.818
28	22	8.627	5.521	0.64	1.663	8.449	5.407	0.64	1.760	8.236	5.271	0.64	1.876
30	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
30	18	7.526	7.225	0.96	1.576	7.313	7.020	0.96	1.663	7.065	6.782	0.96	1.779
30	20	8.094	6.799	0.84	1.625	7.917	6.650	0.84	1.702	7.704	6.471	0.84	1.818
30	22	8.627	6.211	0.72	1.663	8.449	6.083	0.72	1.760	8.236	5.930	0.72	1.876
32	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
32	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
32	20	8.094	7.446	0.92	1.625	7.917	7.284	0.92	1.702	7.704	7.088	0.92	1.818
32	22	8.627	6.902	0.80	1.663	8.449	6.759	0.80	1.760	8.236	6.589	0.80	1.876
34	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
34	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
34	20	8.094	8.094	1.00	1.625	7.917	7.917	1.00	1.702	7.704	7.704	1.00	1.818
34	22	8.627	7.592	0.88	1.663	8.449	7.435	0.88	1.760	8.236	7.248	0.88	1.876

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.297	0.68	1.857	6.035	4.104	0.68	1.992	5.751	3.911	0.68	2.156
20	18	6.816	3.817	0.56	1.905	6.603	3.698	0.56	2.050	6.177	3.459	0.56	2.205
20	20	7.384	3.249	0.44	1.953	7.100	3.124	0.44	2.089	6.674	2.937	0.44	2.243
22	16	6.319	4.802	0.76	1.857	6.035	4.587	0.76	1.992	5.751	4.371	0.76	2.156
22	18	6.816	4.362	0.64	1.905	6.603	4.226	0.64	2.050	6.177	3.953	0.64	2.205
22	20	7.384	3.840	0.52	1.953	7.100	3.692	0.52	2.089	6.674	3.470	0.52	2.243
24	16	6.319	5.308	0.84	1.857	6.035	5.069	0.84	1.992	5.751	4.831	0.84	2.156
24	18	6.816	4.908	0.72	1.905	6.603	4.754	0.72	2.050	6.177	4.447	0.72	2.205
24	20	7.384	4.430	0.60	1.953	7.100	4.260	0.60	2.089	6.674	4.004	0.60	2.243
24	22	7.952	3.817	0.48	1.992	7.668	3.681	0.48	2.147	7.242	3.476	0.48	2.282
26	16	6.319	5.813	0.92	1.857	6.035	5.552	0.92	1.992	5.751	5.291	0.92	2.156
26	18	6.816	5.453	0.80	1.905	6.603	5.282	0.80	2.050	6.177	4.942	0.80	2.205
26	20	7.384	5.021	0.68	1.953	7.100	4.828	0.68	2.089	6.674	4.538	0.68	2.243
26	22	7.952	4.453	0.56	1.992	7.668	4.294	0.56	2.147	7.242	4.056	0.56	2.282
27	16	6.319	6.066	0.96	1.857	6.035	5.794	0.96	1.992	5.751	5.521	0.96	2.156
27	18	6.816	5.725	0.84	1.905	6.603	5.547	0.84	2.050	6.177	5.189	0.84	2.205
27	20	7.384	5.316	0.72	1.953	7.100	5.112	0.72	2.089	6.674	4.805	0.72	2.243
27	22	7.952	4.771	0.60	1.992	7.668	4.601	0.60	2.147	7.242	4.345	0.60	2.282
28	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
28	18	6.816	5.998	0.88	1.905	6.603	5.811	0.88	2.050	6.177	5.436	0.88	2.205
28	20	7.384	5.612	0.76	1.953	7.100	5.396	0.76	2.089	6.674	5.072	0.76	2.243
28	22	7.952	5.089	0.64	1.992	7.668	4.908	0.64	2.147	7.242	4.635	0.64	2.282
30	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
30	18	6.816	6.543	0.96	1.905	6.603	6.339	0.96	2.050	6.177	5.930	0.96	2.205
30	20	7.384	6.203	0.84	1.953	7.100	5.964	0.84	2.089	6.674	5.606	0.84	2.243
30	22	7.952	5.725	0.72	1.992	7.668	5.521	0.72	2.147	7.242	5.214	0.72	2.282
32	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
32	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
32	20	7.384	6.793	0.92	1.953	7.100	6.532	0.92	2.089	6.674	6.140	0.92	2.243
32	22	7.952	6.362	0.80	1.992	7.668	6.134	0.80	2.147	7.242	5.794	0.80	2.282
34	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
34	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
34	20	7.384	7.384	1.00	1.953	7.100	7.100	1.00	2.089	6.674	6.674	1.00	2.243
34	22	7.952	6.998	0.88	1.992	7.668	6.748	0.88	2.147	7.242	6.373	0.88	2.282

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PKA-M71KAL2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.780	0.68	1.547	6.816	4.635	0.68	1.634	6.603	4.490	0.68	1.731
20	18	7.526	4.215	0.56	1.576	7.313	4.095	0.56	1.663	7.065	3.956	0.56	1.779
20	20	8.094	3.561	0.44	1.625	7.917	3.483	0.44	1.702	7.704	3.390	0.44	1.818
22	16	7.029	5.342	0.76	1.547	6.816	5.180	0.76	1.634	6.603	5.018	0.76	1.731
22	18	7.526	4.817	0.64	1.576	7.313	4.680	0.64	1.663	7.065	4.522	0.64	1.779
22	20	8.094	4.209	0.52	1.625	7.917	4.117	0.52	1.702	7.704	4.006	0.52	1.818
24	16	7.029	5.904	0.84	1.547	6.816	5.725	0.84	1.634	6.603	5.547	0.84	1.731
24	18	7.526	5.419	0.72	1.576	7.313	5.265	0.72	1.663	7.065	5.087	0.72	1.779
24	20	8.094	4.856	0.60	1.625	7.917	4.750	0.60	1.702	7.704	4.622	0.60	1.818
24	22	8.627	4.141	0.48	1.663	8.449	4.056	0.48	1.760	8.236	3.953	0.48	1.876
26	16	7.029	6.467	0.92	1.547	6.816	6.271	0.92	1.634	6.603	6.075	0.92	1.731
26	18	7.526	6.021	0.80	1.576	7.313	5.850	0.80	1.663	7.065	5.652	0.80	1.779
26	20	8.094	5.504	0.68	1.625	7.917	5.384	0.68	1.702	7.704	5.239	0.68	1.818
26	22	8.627	4.831	0.56	1.663	8.449	4.731	0.56	1.760	8.236	4.612	0.56	1.876
27	16	7.029	6.748	0.96	1.547	6.816	6.543	0.96	1.634	6.603	6.339	0.96	1.731
27	18	7.526	6.322	0.84	1.576	7.313	6.143	0.84	1.663	7.065	5.935	0.84	1.779
27	20	8.094	5.828	0.72	1.625	7.917	5.700	0.72	1.702	7.704	5.547	0.72	1.818
27	22	8.627	5.176	0.60	1.663	8.449	5.069	0.60	1.760	8.236	4.942	0.60	1.876
28	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
28	18	7.526	6.623	0.88	1.576	7.313	6.435	0.88	1.663	7.065	6.217	0.88	1.779
28	20	8.094	6.151	0.76	1.625	7.917	6.017	0.76	1.702	7.704	5.855	0.76	1.818
28	22	8.627	5.521	0.64	1.663	8.449	5.407	0.64	1.760	8.236	5.271	0.64	1.876
30	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
30	18	7.526	7.225	0.96	1.576	7.313	7.020	0.96	1.663	7.065	6.782	0.96	1.779
30	20	8.094	6.799	0.84	1.625	7.917	6.650	0.84	1.702	7.704	6.471	0.84	1.818
30	22	8.627	6.211	0.72	1.663	8.449	6.083	0.72	1.760	8.236	5.930	0.72	1.876
32	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
32	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
32	20	8.094	7.446	0.92	1.625	7.917	7.284	0.92	1.702	7.704	7.088	0.92	1.818
32	22	8.627	6.902	0.80	1.663	8.449	6.759	0.80	1.760	8.236	6.589	0.80	1.876
34	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
34	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
34	20	8.094	8.094	1.00	1.625	7.917	7.917	1.00	1.702	7.704	7.704	1.00	1.818
34	22	8.627	7.592	0.88	1.663	8.449	7.435	0.88	1.760	8.236	7.248	0.88	1.876

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.297	0.68	1.857	6.035	4.104	0.68	1.992	5.751	3.911	0.68	2.156
20	18	6.816	3.817	0.56	1.905	6.603	3.698	0.56	2.050	6.177	3.459	0.56	2.205
20	20	7.384	3.249	0.44	1.953	7.100	3.124	0.44	2.089	6.674	2.937	0.44	2.243
22	16	6.319	4.802	0.76	1.857	6.035	4.587	0.76	1.992	5.751	4.371	0.76	2.156
22	18	6.816	4.362	0.64	1.905	6.603	4.226	0.64	2.050	6.177	3.953	0.64	2.205
22	20	7.384	3.840	0.52	1.953	7.100	3.692	0.52	2.089	6.674	3.470	0.52	2.243
24	16	6.319	5.308	0.84	1.857	6.035	5.069	0.84	1.992	5.751	4.831	0.84	2.156
24	18	6.816	4.908	0.72	1.905	6.603	4.754	0.72	2.050	6.177	4.447	0.72	2.205
24	20	7.384	4.430	0.60	1.953	7.100	4.260	0.60	2.089	6.674	4.004	0.60	2.243
24	22	7.952	3.817	0.48	1.992	7.668	3.681	0.48	2.147	7.242	3.476	0.48	2.282
26	16	6.319	5.813	0.92	1.857	6.035	5.552	0.92	1.992	5.751	5.291	0.92	2.156
26	18	6.816	5.453	0.80	1.905	6.603	5.282	0.80	2.050	6.177	4.942	0.80	2.205
26	20	7.384	5.021	0.68	1.953	7.100	4.828	0.68	2.089	6.674	4.538	0.68	2.243
26	22	7.952	4.453	0.56	1.992	7.668	4.294	0.56	2.147	7.242	4.056	0.56	2.282
27	16	6.319	6.066	0.96	1.857	6.035	5.794	0.96	1.992	5.751	5.521	0.96	2.156
27	18	6.816	5.725	0.84	1.905	6.603	5.547	0.84	2.050	6.177	5.189	0.84	2.205
27	20	7.384	5.316	0.72	1.953	7.100	5.112	0.72	2.089	6.674	4.805	0.72	2.243
27	22	7.952	4.771	0.60	1.992	7.668	4.601	0.60	2.147	7.242	4.345	0.60	2.282
28	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
28	18	6.816	5.998	0.88	1.905	6.603	5.811	0.88	2.050	6.177	5.436	0.88	2.205
28	20	7.384	5.612	0.76	1.953	7.100	5.396	0.76	2.089	6.674	5.072	0.76	2.243
28	22	7.952	5.089	0.64	1.992	7.668	4.908	0.64	2.147	7.242	4.635	0.64	2.282
30	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
30	18	6.816	6.543	0.96	1.905	6.603	6.339	0.96	2.050	6.177	5.930	0.96	2.205
30	20	7.384	6.203	0.84	1.953	7.100	5.964	0.84	2.089	6.674	5.606	0.84	2.243
30	22	7.952	5.725	0.72	1.992	7.668	5.521	0.72	2.147	7.242	5.214	0.72	2.282
32	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
32	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
32	20	7.384	6.793	0.92	1.953	7.100	6.532	0.92	2.089	6.674	6.140	0.92	2.243
32	22	7.952	6.362	0.80	1.992	7.668	6.134	0.80	2.147	7.242	5.794	0.80	2.282
34	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
34	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
34	20	7.384	7.384	1.00	1.953	7.100	7.100	1.00	2.089	6.674	6.674	1.00	2.243
34	22	7.952	6.998	0.88	1.992	7.668	6.748	0.88	2.147	7.242	6.373	0.88	2.282

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY

PKA-M100KA2 PKA-M100KAL2 / PUHZ-P100VKA PUHZ-P100YKA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	5.863	0.63	2.498	9.024	5.685	0.63	2.638	8.742	5.507	0.63	2.794
20	18	9.964	5.082	0.51	2.544	9.682	4.938	0.51	2.685	9.353	4.770	0.51	2.872
20	20	10.716	4.179	0.39	2.622	10.481	4.088	0.39	2.747	10.199	3.978	0.39	2.935
22	16	9.306	6.607	0.71	2.498	9.024	6.407	0.71	2.638	8.742	6.207	0.71	2.794
22	18	9.964	5.879	0.59	2.544	9.682	5.712	0.59	2.685	9.353	5.518	0.59	2.872
22	20	10.716	5.037	0.47	2.622	10.481	4.926	0.47	2.747	10.199	4.794	0.47	2.935
24	16	9.306	7.352	0.79	2.498	9.024	7.129	0.79	2.638	8.742	6.906	0.79	2.794
24	18	9.964	6.676	0.67	2.544	9.682	6.487	0.67	2.685	9.353	6.267	0.67	2.872
24	20	10.716	5.894	0.55	2.622	10.481	5.765	0.55	2.747	10.199	5.609	0.55	2.935
24	22	11.421	4.911	0.43	2.685	11.186	4.810	0.43	2.841	10.904	4.689	0.43	3.028
26	16	9.306	8.096	0.87	2.498	9.024	7.851	0.87	2.638	8.742	7.606	0.87	2.794
26	18	9.964	7.473	0.75	2.544	9.682	7.262	0.75	2.685	9.353	7.015	0.75	2.872
26	20	10.716	6.751	0.63	2.622	10.481	6.603	0.63	2.747	10.199	6.425	0.63	2.935
26	22	11.421	5.825	0.51	2.685	11.186	5.705	0.51	2.841	10.904	5.561	0.51	3.028
27	16	9.306	8.468	0.91	2.498	9.024	8.212	0.91	2.638	8.742	7.955	0.91	2.794
27	18	9.964	7.872	0.79	2.544	9.682	7.649	0.79	2.685	9.353	7.389	0.79	2.872
27	20	10.716	7.180	0.67	2.622	10.481	7.022	0.67	2.747	10.199	6.833	0.67	2.935
27	22	11.421	6.282	0.55	2.685	11.186	6.152	0.55	2.841	10.904	5.997	0.55	3.028
28	16	9.306	8.841	0.95	2.498	9.024	8.573	0.95	2.638	8.742	8.305	0.95	2.794
28	18	9.964	8.270	0.83	2.544	9.682	8.036	0.83	2.685	9.353	7.763	0.83	2.872
28	20	10.716	7.608	0.71	2.622	10.481	7.442	0.71	2.747	10.199	7.241	0.71	2.935
28	22	11.421	6.738	0.59	2.685	11.186	6.600	0.59	2.841	10.904	6.433	0.59	3.028
30	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
30	18	9.964	9.067	0.91	2.544	9.682	8.811	0.91	2.685	9.353	8.511	0.91	2.872
30	20	10.716	8.466	0.79	2.622	10.481	8.280	0.79	2.747	10.199	8.057	0.79	2.935
30	22	11.421	7.652	0.67	2.685	11.186	7.495	0.67	2.841	10.904	7.306	0.67	3.028
32	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
32	18	9.964	9.864	0.99	2.544	9.682	9.585	0.99	2.685	9.353	9.259	0.99	2.872
32	20	10.716	9.323	0.87	2.622	10.481	9.118	0.87	2.747	10.199	8.873	0.87	2.935
32	22	11.421	8.566	0.75	2.685	11.186	8.390	0.75	2.841	10.904	8.178	0.75	3.028
34	16	9.306	9.306	1.00	2.498	9.024	9.024	1.00	2.638	8.742	8.742	1.00	2.794
34	18	9.964	9.964	1.00	2.544	9.682	9.682	1.00	2.685	9.353	9.353	1.00	2.872
34	20	10.716	10.180	0.95	2.622	10.481	9.957	0.95	2.747	10.199	9.689	0.95	2.935
34	22	11.421	9.479	0.83	2.685	11.186	9.284	0.83	2.841	10.904	9.050	0.83	3.028

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.271	0.63	2.997	7.990	5.034	0.63	3.216	7.614	4.797	0.63	3.481
20	18	9.024	4.602	0.51	3.075	8.742	4.458	0.51	3.309	8.178	4.171	0.51	3.559
20	20	9.776	3.813	0.39	3.153	9.400	3.666	0.39	3.372	8.836	3.446	0.39	3.622
22	16	8.366	5.940	0.71	2.997	7.990	5.673	0.71	3.216	7.614	5.406	0.71	3.481
22	18	9.024	5.324	0.59	3.075	8.742	5.158	0.59	3.309	8.178	4.825	0.59	3.559
22	20	9.776	4.595	0.47	3.153	9.400	4.418	0.47	3.372	8.836	4.153	0.47	3.622
24	16	8.366	6.609	0.79	2.997	7.990	6.312	0.79	3.216	7.614	6.015	0.79	3.481
24	18	9.024	6.046	0.67	3.075	8.742	5.857	0.67	3.309	8.178	5.479	0.67	3.559
24	20	9.776	5.377	0.55	3.153	9.400	5.170	0.55	3.372	8.836	4.860	0.55	3.622
24	22	10.528	4.527	0.43	3.216	10.152	4.365	0.43	3.465	9.588	4.123	0.43	3.684
26	16	8.366	7.278	0.87	2.997	7.990	6.951	0.87	3.216	7.614	6.624	0.87	3.481
26	18	9.024	6.768	0.75	3.075	8.742	6.557	0.75	3.309	8.178	6.134	0.75	3.559
26	20	9.776	6.159	0.63	3.153	9.400	5.922	0.63	3.372	8.836	5.567	0.63	3.622
26	22	10.528	5.369	0.51	3.216	10.152	5.178	0.51	3.465	9.588	4.890	0.51	3.684
27	16	8.366	7.613	0.91	2.997	7.990	7.271	0.91	3.216	7.614	6.929	0.91	3.481
27	18	9.024	7.129	0.79	3.075	8.742	6.906	0.79	3.309	8.178	6.461	0.79	3.559
27	20	9.776	6.550	0.67	3.153	9.400	6.298	0.67	3.372	8.836	5.920	0.67	3.622
27	22	10.528	5.790	0.55	3.216	10.152	5.584	0.55	3.465	9.588	5.273	0.55	3.684
28	16	8.366	7.948	0.95	2.997	7.990	7.591	0.95	3.216	7.614	7.233	0.95	3.481
28	18	9.024	7.490	0.83	3.075	8.742	7.256	0.83	3.309	8.178	6.788	0.83	3.559
28	20	9.776	6.941	0.71	3.153	9.400	6.674	0.71	3.372	8.836	6.274	0.71	3.622
28	22	10.528	6.212	0.59	3.216	10.152	5.990	0.59	3.465	9.588	5.657	0.59	3.684
30	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
30	18	9.024	8.212	0.91	3.075	8.742	7.955	0.91	3.309	8.178	7.442	0.91	3.559
30	20	9.776	7.723	0.79	3.153	9.400	7.426	0.79	3.372	8.836	6.980	0.79	3.622
30	22	10.528	7.054	0.67	3.216	10.152	6.802	0.67	3.465	9.588	6.424	0.67	3.684
32	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
32	18	9.024	8.934	0.99	3.075	8.742	8.655	0.99	3.309	8.178	8.096	0.99	3.559
32	20	9.776	8.505	0.87	3.153	9.400	8.178	0.87	3.372	8.836	7.687	0.87	3.622
32	22	10.528	7.896	0.75	3.216	10.152	7.614	0.75	3.465	9.588	7.191	0.75	3.684
34	16	8.366	8.366	1.00	2.997	7.990	7.990	1.00	3.216	7.614	7.614	1.00	3.481
34	18	9.024	9.024	1.00	3.075	8.742	8.742	1.00	3.309	8.178	8.178	1.00	3.559
34	20	9.776	9.287	0.95	3.153	9.400	8.930	0.95	3.372	8.836	8.394	0.95	3.622
34	22	10.528	8.738	0.83	3.216	10.152	8.426	0.83	3.465	9.588	7.958	0.83	3.684

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY**PKA-M100KA2 PKA-M100KAL2 / PUHZ-SHW112VHA(-BS) PUHZ-SHW112YHA(-BS)**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M100KA2	15	11.648	5.34	11.648	4.90	11.648	4.00	11.648	2.92	12.768	3.17	14.112	3.37
PKA-M100KAL2	20	11.200	5.52	11.200	5.09	11.200	4.22	11.200	3.13	12.320	3.35	13.608	3.61
	25	10.752	5.71	10.752	5.28	10.752	4.41	10.752	3.35	11.872	3.60	13.160	3.91

PKA-M-LA2 PKA-M-LAL2 / PUHZ-ZRP-VKA2**PKA-M-KA2 PKA-M-KAL2 / PUHZ-ZRP-VHA2 PUHZ-ZRP-VKA3 PUHZ-ZRP-YKA3**

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M35LA2	15	2.604	0.631	2.829	0.696	3.157	0.803	4.141	0.963	4.674	1.070	5.207	1.156
PKA-M35LAL2	20	2.501	0.685	2.706	0.749	2.993	0.867	3.998	1.038	4.510	1.156	5.023	1.241
	25	2.419	0.728	2.624	0.813	2.870	0.942	3.772	1.102	4.346	1.236	4.838	1.332
PKA-M50LA2	15	3.175	0.886	3.450	0.976	3.850	1.126	5.050	1.351	5.700	1.501	6.350	1.621
PKA-M50LAL2	20	3.050	0.961	3.300	1.051	3.650	1.216	4.875	1.456	5.500	1.621	6.125	1.741
	25	2.950	1.021	3.200	1.141	3.500	1.321	4.600	1.546	5.300	1.734	5.900	1.869
PKA-M60KA2	15	4.445	1.156	4.830	1.274	5.390	1.470	7.070	1.764	7.980	1.960	8.890	2.117
PKA-M60KAL2	20	4.270	1.254	4.620	1.372	5.110	1.588	6.825	1.901	7.700	2.117	8.575	2.274
	25	4.130	1.333	4.480	1.490	4.900	1.725	6.440	2.019	7.420	2.264	8.260	2.440
PKA-M71KA2	15	5.080	1.293	5.520	1.424	6.160	1.643	8.080	1.972	9.120	2.191	10.160	2.366
PKA-M71KAL2	20	4.880	1.402	5.280	1.534	5.840	1.775	7.800	2.125	8.800	2.366	9.800	2.542
	25	4.720	1.490	5.120	1.665	5.600	1.928	7.360	2.257	8.480	2.531	9.440	2.728
PKA-M100KA2	15	7.112	1.795	7.728	1.978	8.624	2.282	11.312	2.739	12.768	3.043	14.224	3.286
PKA-M100KAL2	20	6.832	1.948	7.392	2.130	8.176	2.465	10.920	2.952	12.320	3.286	13.720	3.530
	25	6.608	2.069	7.168	2.313	7.840	2.678	10.304	3.134	11.872	3.515	13.216	3.789

PKA-M100KA2 PKA-M100KAL2 / PUHZ-P100VKA PUHZ-P100YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M100KA2	15	7.112	2.059	7.728	2.268	8.624	2.617	11.312	3.140	12.768	3.489	14.224	3.768
PKA-M100KAL2	20	6.832	2.233	7.392	2.442	8.176	2.826	10.920	3.384	12.320	3.768	13.720	4.047
	25	6.608	2.373	7.168	2.652	7.840	3.070	10.304	3.594	11.872	4.030	13.216	4.344

PKA-M71KA2 PKA-M71KAL2 / PUHZ-FRP71VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PKA-M71KA2	15	5.080	1.348	5.520	1.485	6.160	1.714	8.080	2.057	9.120	2.285	10.160	2.468
	20	4.880	1.462	5.280	1.600	5.840	1.851	7.800	2.216	8.800	2.468	9.800	2.651
	25	4.720	1.554	5.120	1.737	5.600	2.011	7.360	2.354	8.480	2.639	9.440	2.845
PKA-M71KAL2	15	5.080	1.348	5.520	1.485	6.160	1.714	8.080	2.057	9.120	2.285	10.160	2.468
	20	4.880	1.462	5.280	1.600	5.840	1.851	7.800	2.216	8.800	2.468	9.800	2.651
	25	4.720	1.554	5.120	1.737	5.600	2.011	7.360	2.354	8.480	2.639	9.440	2.845

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.2.6 NOISE CRITERIA CURVES

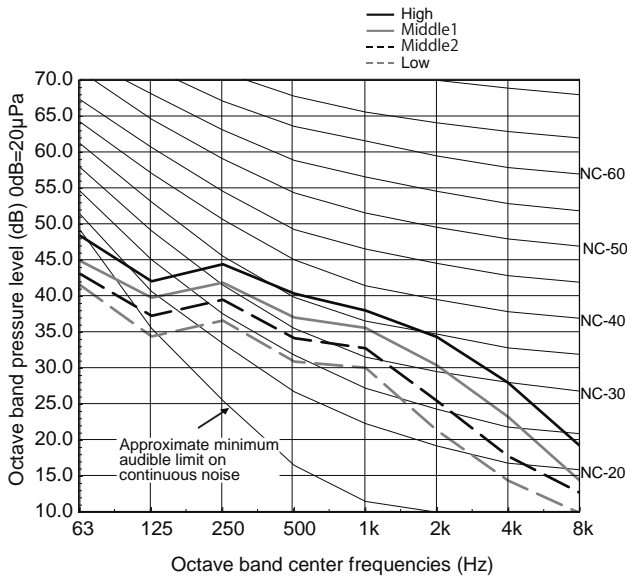
A.2.6.1 SOUND LEVELS

Low-Middle-(Middle2)-High

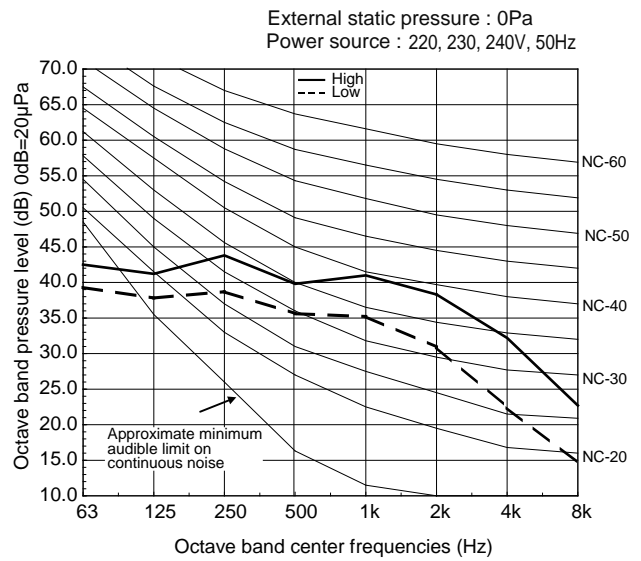
Model	Sound level dB (A)
PKA-M35LA(L)2 PKA-M50LA(L)2	34 - 37 - 40 - 43
PKA-M60KA(L)2 PKA-M71KA(L)2	39 - 42 - 45
PKA-M100KA(L)2	41 - 45 - 49

A.2.6.2 NOISE CRITERIA CURVES

PKA-M35LA2 PKA-M50LA2
PKA-M35LAL2 PKA-M50LAL2

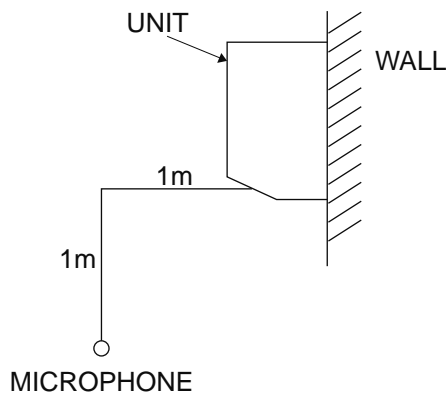
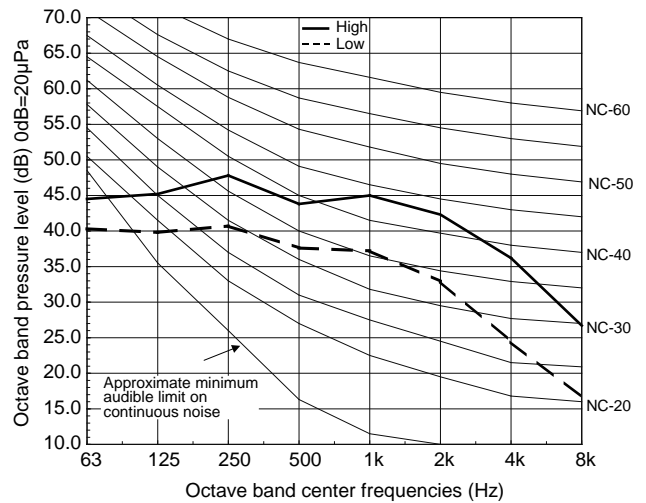


PKA-M60KA2 PKA-M71KA2
PKA-M60KAL2 PKA-M71KAL2



PKA-M100KA2
PKA-M100KAL2

External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz

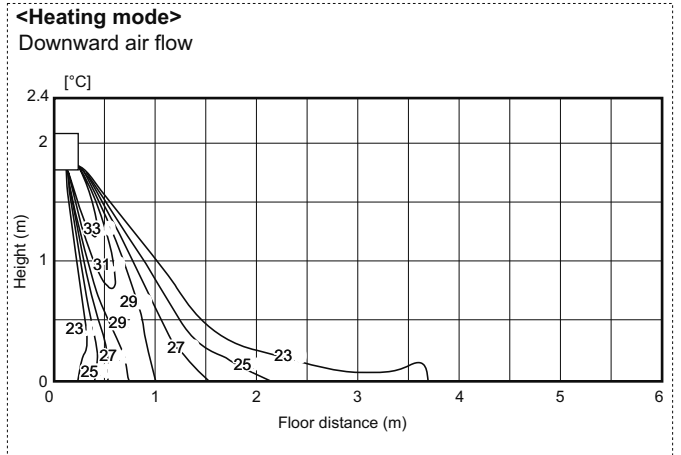
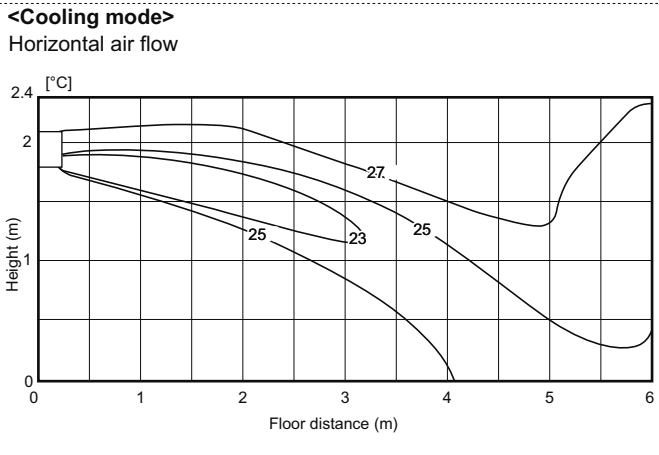


A.2.7 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

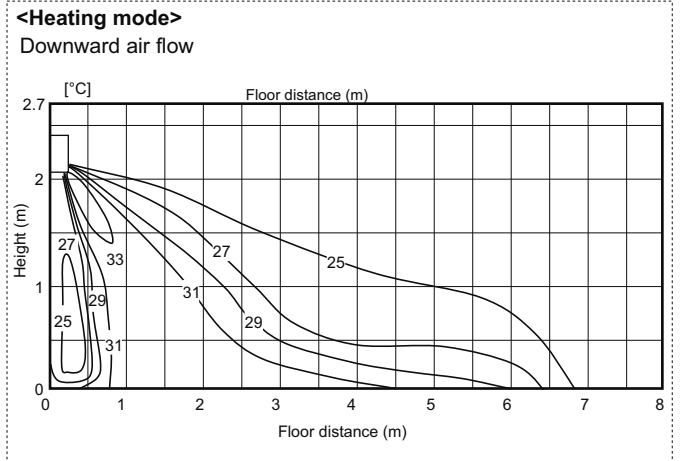
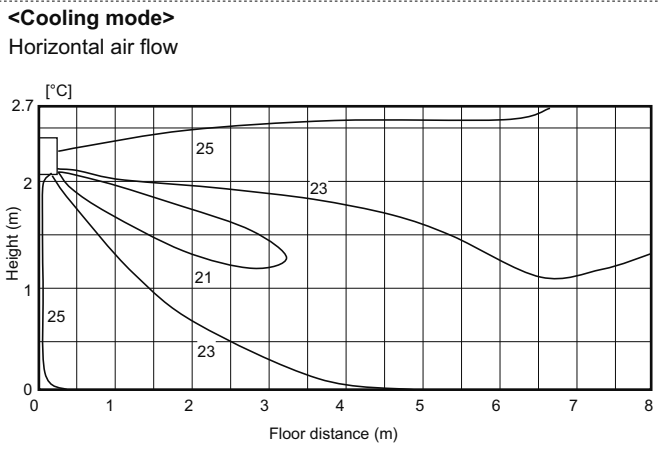
PKA-M-LA2 PKA-M-LAL2 PKA-M-KA2 PKA-M-KAL2

Temperature distribution

PKA-M50LA2 PKA-M50LAL2



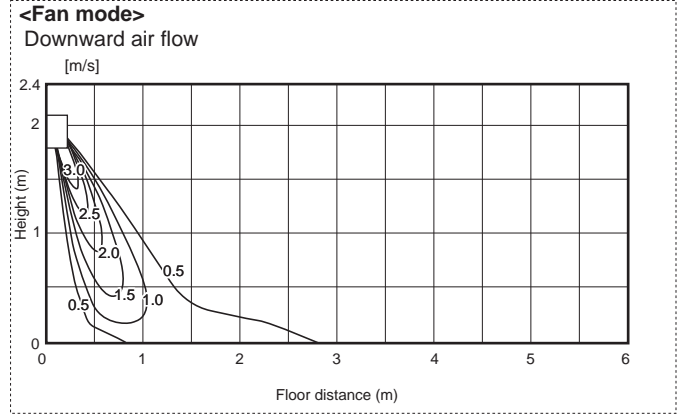
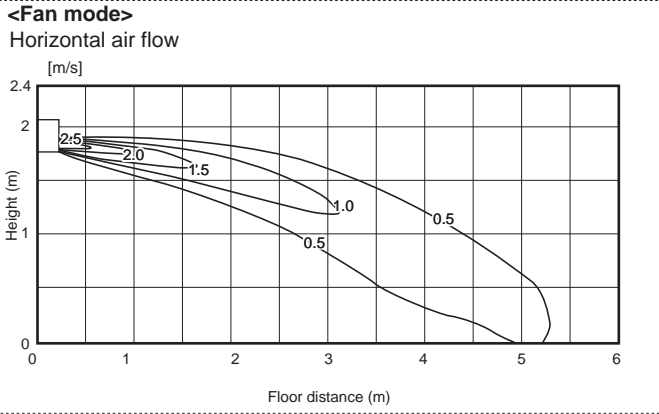
PKA-M100KA2 PKA-M100KAL2



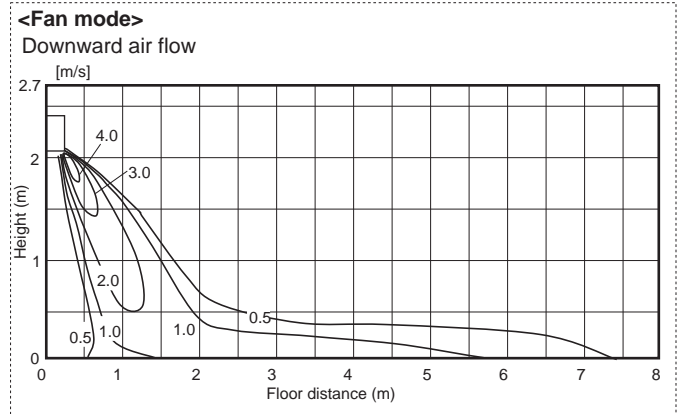
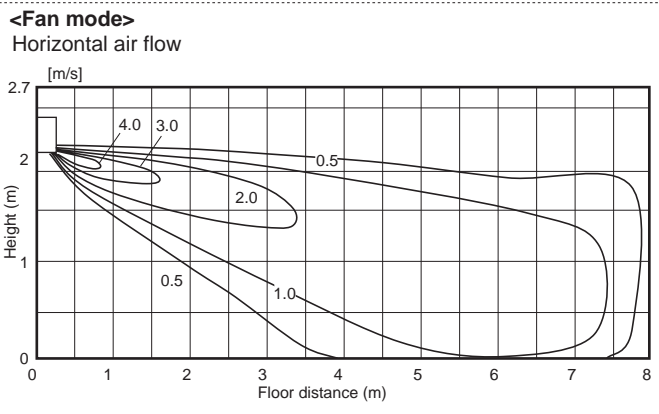
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

Airflow distribution

PKA-M50LA2 PKA-M50LAL2



PKA-M100KA2 PKA-M100KAL2



WALL-MOUNTED
OUTLET AIR SPEED AND COVERAGE RANGE
CENTER OF GRAVITY POSITION

Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

A.2.8 OUTLET AIR SPEED AND COVERAGE RANGE

		PKA-M35LA(L)2	PKA-M50LA2
Air flow	m ³ /min	10.9	10.9
Air speed	m/sec	4.9	4.9
Coverage range	m (ft)	9.2(30.0)	9.2(30.0)

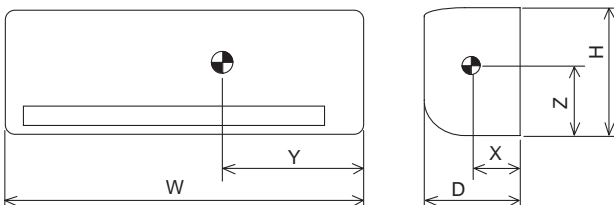
		PKA-M60KA(L)2	PKA-M71KA(L)2	PKA-M100KA(L)2
Air flow	m ³ /min	22	22	26
Air speed	m/sec	6.0	6.0	6.8
Coverage range	m (ft)	14.3 (46.9)	14.3 (46.9)	16.1 (52.8)

The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.

The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.2.9 CENTER OF GRAVITY POSITION

Unit: mm



Model	W	D	H	X	Y	Z
PKA-M35LA(L)2	898	237	299	120	390	150
PKA-M50LA(L)2	898	237	299	120	390	150
PKA-M60KA(L)2	1170	295	365	190	460	190
PKA-M71KA(L)2	1170	295	365	190	460	190
PKA-M100KA(L)2	1170	295	365	190	460	190

A.3 CEILING SUSPENDED (PCA)

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A.3.1 SPECIFICATIONS

A.3.1.1 R32 type

1.Power Inverter SERIES

CEILING-SUSPENDED SPECIFICATIONS

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V			230	230	230	230	
	Phase			Single	Single	Single	Single	
	Hz			50	50	50	50	
	In	V			—	—	—	—
		Phase			—	—	—	—
		Hz			—	—	—	—
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.88	0.79	0.81	0.76	
	Total Input	Rated	kW	0.829	1.250	1.521	1.829	
	EER			4.34	4.00	4.01	3.88	
	Annual Electricity Consumption		kWh/a	197	260	328	371	
	SEER			6.4	6.7	6.5	6.7	
			Energy efficiency class		A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	5.5	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	6.6	8.2	10.2	
Total Input		Rated	kW	1.019	1.361	1.745	2.156	
COP			4.02	4.04	4.01	3.71		
Annual Electricity Consumption		kWh/a	838	1266	1501	1567		
SCOP			4.0	4.2	4.1	4.2		
		Energy efficiency class		A+	A+	A+	A+	
Operating Current(max)			A	13.3	13.4	19.4	19.4	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06
	Operating Current(max)			A	0.29	0.37	0.39	0.42
	Dimensions	H × W × D		mm	230-960-680		230-1280-680	
	Weight			kg	25	26	32	32
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41
	Sound Level (PWL)	Cooling			60	60	60	62
	Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)
Weight			kg	46	46	67	67	
Air Volume		Cooling	Rated	m³/min.	45	45	55	55
		Heating	Rated	m³/min.	45	45	55	55
Sound Level (SPL)		Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
Sound Level (PWL)		Cooling		dB(A)	65	65	67	67
Operating Current(max)			A	13	13	19	19	
Breaker Size			A	16	16	25	25	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	55	55	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
Refrigerant		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.375	2.375	3.846	3.846	
	EER				4.00	4.00	3.25	3.25
Annual Electricity Consumption		kWh/a		516	527	702	712	
SEER				6.4	6.3	6.2	6.1	
		Energy efficiency class		A++	A++	A++	A++	
Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0	
		Min.	kW	4.5	4.5	5.0	5.0	
		Max.	kW	14.0	14.0	16.0	16.0	
	Total Input	Rated	kW	3.018	3.018	3.954	3.954	
	COP				3.71	3.71	3.54	3.54
	Annual Electricity Consumption		kWh/a		2536	2537	3003	3004
	SCOP				4.3	4.3	4.3	4.3
			Energy efficiency class		A+	A+	A+	A+
Operating Current(max)			A	20.7	8.7	27.3	9.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)			A	0.65	0.65	0.76	0.76
	Dimensions H × W × D			mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45
	Sound Level (PWL)	Cooling			63	63	65	65
Outdoor Unit	Dimensions H × W × D			mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
		Heating	Rated	dB(A)	46	46	47	47
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
		Heating		dB(A)	51	51	52	52
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	100	100	
		Max. Height	Out-In	m	30	30	30	30
Guranteed Operation Range	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+46	+46	+46	+46	
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2		
Refrigerant		R32						
Power Supply		Source		Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
		Hz		-		-		
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.0		15.0		
	SHF	Rated		0.72		0.72		
	Total Input	Rated	kW	3.941		3.941		
	EER				3.40		3.40	
	Annual Electricity Consumption		kWh/a	755		765		
	SEER				6.2		6.1	
			Energy efficiency class		A++		A++	
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.432		4.432		
COP				3.61		3.61		
Annual Electricity Consumption		kWh/a	3345		3346			
SCOP				4.4		4.4		
		Energy efficiency class		A+		A+		
Operating Current(max)			A	30.9		12.7		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
	Operating Current(max)				A		0.90	
	Dimensions		H × W × D		mm		230-1600-680	
	Weight				kg		40	
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.		24-26-29-32		24-26-29-32	
	External Static Pressure				Pa		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)		41-43-45-48		41-43-45-48	
	Sound Level (PWL)	Cooling			dB(A)		68	
Outdoor Unit	Dimensions		H × W × D		mm		1338-1050-330(+40)	
	Weight				kg		105	
	Air Volume	Cooling	Rated	m³/min.	120		120	
		Heating	Rated	m³/min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
	Sound Level (PWL)	Cooling			dB(A)		70	
	Operating Current(max)				A		30	
	Breaker Size				A		40	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	100		100		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-20		-20		
		Upper Limit.	°C	+21		+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	0.8	1.5	1.6	2.2	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.88	0.79	0.81	0.76	
	Total Input	Rated	kW	0.900	1.515	1.648	1.972	
	EER			4.00	3.30	3.70	3.60	
	Annual Electricity Consumption		kWh/a	198	291	333	381	
	SEER			6.3	6.0	6.4	6.5	
			Energy efficiency class	A++	A+	A++	A++	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.0	1.5	1.6	2.0	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	1.025	1.617	1.750	2.216	
COP			4.00	3.71	4.00	3.61		
Annual Electricity Consumption		kWh/a	910	1458	1558	1974		
SCOP			4.0	4.1	4.1	4.1		
		Energy efficiency class	A+	A+	A+	A+		
Operating Current(max)			A	8.8	13.9	15.2	15.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06
	Operating Current(max)			A	0.29	0.37	0.39	0.42
	Dimensions		H × W × D	mm	230-960-680		230-1280-680	
	Weight			kg	25	26	32	32
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41
	Sound Level (PWL)	Cooling		dB(A)	60	60	60	62
Outdoor Unit	Dimensions		H × W × D	mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m³/min.	34.3	45.8	50.1	50.1
		Heating	Rated	m³/min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
		Sound Level (PWL)	Cooling	dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max. Length	Out-In	m	20	30	30	30	
		Max. Height	Out-In	m	12	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
Refrigerant		Outdoor Unit		PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	
Power Supply				R32				
				Outdoor power supply				
Cooling	Out	Source		V	230	400	230	400
		Phase		Single	Single	Three	Single	Three
		Hz		50	50	50	50	50
	In	V		—	—	—	—	—
		Phase		—	—	—	—	—
		Hz		—	—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	
		Min.	kW	4.0	4.0	5.7	5.7	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.941	2.941	4.019	4.019	
	EER			3.23	3.23	3.01	3.01	
	Annual Electricity Consumption		kWh/a	553	553	802	802	
	SEER			6.0	6.0	5.2	5.2	
			Energy efficiency class	A+	A+	A	A	
Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	
		Min.	kW	2.8	2.8	4.1	4.1	
		Max.	kW	12.5	12.5	15.0	15.0	
	Total Input	Rated	kW	3.284	3.284	3.958	3.958	
	COP			3.41	3.41	3.41	3.41	
	Annual Electricity Consumption		kWh/a	2729	2729	2873	2873	
	SCOP			4.1	4.1	4.1	4.1	
			Energy efficiency class	A+	A+	A+	A+	
Operating Current(max)			A	20.7	12.2	27.3	12.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
		Operating Current(max)		A	0.65	0.65	0.76	0.76
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	
	External Static Pressure		Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	
	Sound Level (PWL)	Cooling		63	63	65	65	
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
		Heating	Rated	dB(A)	46	46	47	47
	Sound Level (PWL)	Cooling		dB(A)	51	51	54	54
		Heating		dB(A)	46	46	47	47
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	55	55	65	65	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
Refrigerant		Outdoor Unit		PUZ-M140VKA2		PUZ-M140YKA2		
Power Supply				Source	Outdoor power supply			
Cooling	Capacity	Rated	kW	13.4	400			
		Min.	kW	5.7	Three			
		Max.	kW	14.1	50			
	SHF	Rated		0.72	50			
		Total Input	Rated	kW	5.360	5.360		
		EER		2.50	2.50			
Annual Electricity Consumption		kWh/a	907	907				
SEER			5.1	5.1				
		Energy efficiency class	A	A				
Heating	Capacity	Rated	kW	15.0	15.0			
		Min.	kW	4.2	4.2			
		Max.	kW	15.8	15.8			
	Total Input	Rated	kW	4.285	4.285			
	COP			3.50	3.50			
	Annual Electricity Consumption		kWh/a	3255	3255			
	SCOP			4.0	4.0			
			Energy efficiency class	A+	A+			
Operating Current(max)			A	30.9	12.4			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
	Operating Current(max)		A	0.90	0.90			
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	40	40		
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	24-26-29-32	24-26-29-32			
	External Static Pressure		Pa	0	0			
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-43-45-48	41-43-45-48			
	Sound Level (PWL)	Cooling		68	68			
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)		981-1050-330(+40)	
	Weight			kg	84	85		
	Air Volume	Cooling	Rated	m³/min.	86	86		
		Heating	Rated	m³/min.	92	92		
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55		
		Heating	Rated	dB(A)	47	47		
	Sound Level (PWL)	Cooling		dB(A)	73	73		
		Heating		dB(A)	57	57		
	Operating Current(max)		A	30	11.5			
	Breaker Size		A	40	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max. Length	Out-In	m	65	65			
	Max. Height	Out-In	m	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
	Heating	Lower Limit.	°C	-15	-15			
		Upper Limit.	°C	+21	+21			

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.3.1.2 R410A type 1.Power Inverter SERIES

CEILING-SUSPENDED SPECIFICATIONS

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
	Out	V		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.88	0.79	0.81	0.76	
	Total Input	Rated	kW	0.857	1.351	1.694	1.821	
	EER			4.19	3.73	3.67	3.90	
	Annual Electricity Consumption		kWh/a	202	282	340	367	
	SEER			6.2	6.1	6.2	6.7	
		Energy efficiency class			A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	5.5	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	6.6	8.2	10.2	
Total Input		Rated	kW	1.019	1.450	1.930	2.197	
COP				4.02	3.79	3.63	3.64	
Annual Electricity Consumption			kWh/a	817	1259	1461	1522	
SCOP				4.1	4.2	4.2	4.3	
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)			A	13.3	13.4	19.4	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06
	Operating Current(max)			A	0.29	0.37	0.39	0.42
	Dimensions	H × W × D		mm	230-960-680		230-1280-680	
	Weight			kg	25	26	32	32
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41
	Sound Level (PWL)	Cooling			60	60	60	62
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	2.417	2.435	3.980	3.980	
	EER			3.93	3.90	3.14	3.14	
	Annual Electricity Consumption		kWh/a	542	553	817	828	
	SEER			6.1	6.0	5.3	5.2	
			Energy efficiency class	A++	A+	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	3.043	3.043	3.804	3.804	
COP			3.68	3.68	3.68	3.68		
Annual Electricity Consumption		kWh/a	2784	2785	3100	3101		
SCOP			3.9	3.9	4.2	4.1		
		Energy efficiency class	A	A	A+	A+		
Operating Current(max)			A	27.2	8.7	27.3	10.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11
		Operating Current(max)		A	0.65	0.65	0.76	0.76
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	
	Sound Level (PWL)	Cooling		63	63	65	65	
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	116	123	116	125
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120
		Heating	Rated	m ³ /min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
		Heating	Rated	dB(A)	46	46	47	47
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
		Heating		dB(A)	51	51	52	52
	Operating Current(max)			A	26.5	8	26.5	9.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	75	75	75	75	
		Max. Height	Out-In	m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
		Outdoor Unit		PUHZ-ZRP140VKA3		PUHZ-ZRP140YKA3		
Refrigerant		R410A						
Power Supply			Source	Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
		Hz		-		-		
Cooling	Capacity	Rated	kW	13.4		13.4		
		Min.	kW	6.2		6.2		
		Max.	kW	15.0		15.0		
	SHF	Rated		0.72		0.72		
	Total Input	Rated	kW	3.952		3.952		
	EER			3.39		3.39		
	Annual Electricity Consumption		kWh/a	856		867		
	SEER			5.4		5.4		
			Energy efficiency class	A		A		
	Heating	Capacity	Rated	kW	16.0		16.0	
Min.			kW	5.7		5.7		
Max.			kW	18.0		18.0		
Total Input		Rated	kW	4.571		4.571		
COP			3.50		3.50			
Annual Electricity Consumption		kWh/a	3368		3369			
SCOP			4.4		4.4			
		Energy efficiency class	A+		A+			
Operating Current(max)			A	28.9		13.9		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
	Operating Current(max)			A	0.90		0.90	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	40		40	
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	24-26-29-32		24-26-29-32		
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-43-45-48		41-43-45-48		
	Sound Level (PWL)	Cooling		68		68		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight			kg	118		131	
	Air Volume	Cooling	Rated	m³/min.	120		120	
		Heating	Rated	m³/min.	120		120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		50	
			Silent	dB(A)	47		47	
		Heating	Rated	dB(A)	52		52	
		Sound Level (PWL)	Cooling	dB(A)	70		70	
	Operating Current(max)			A	28		13	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	75		75		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
		Heating	Lower Limit.	°C	-20		-20	
			Upper Limit.	°C	+21		+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Standard Inverter SERIES

Model Name		Indoor Unit		PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2		
		Outdoor Unit		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6		
Refrigerant				R410A					
Power Supply			Source	Outdoor power supply					
Out	V	230		230	230	230	230		
		Phase		Single	Single	Single	Single		
		Hz		50	50	50	50		
	In	V		—	—	—	—		
		Phase		—	—	—	—		
		Hz		—	—	—	—		
Cooling	Capacity	Rated	kW	3.6	5.0	5.7	7.1		
		Min.	kW	1.4	2.3	2.3	2.8		
		Max.	kW	3.9	5.6	6.3	8.1		
	SHF	Rated		0.88	0.79	0.81	0.76		
	Total Input	Rated	kW	1.050	1.547	1.722	2.057		
	EER			3.43	3.23	3.31	3.45		
	Annual Electricity Consumption		kWh/a	209	299	325	408		
	SEER			6.0	5.8	6.1	6.0		
			Energy efficiency class	A+	A+	A++	A+		
	Heating	Capacity	Rated	kW	4.1	5.5	6.9	7.9	
Min.			kW	1.7	1.7	2.5	2.6		
Max.			kW	5.0	6.6	8.0	10.2		
Total Input		Rated	kW	1.051	1.519	1.911	2.182		
COP			3.90	3.62	3.61	3.62			
Annual Electricity Consumption		kWh/a	886	1388	1680	2029			
SCOP			4.1	4.0	4.0	4.0			
		Energy efficiency class	A+	A+	A+	A+			
Operating Current(max)		A	8.5	12.4	14.4	16.5			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	
		Operating Current(max)		A	0.29	0.37	0.39	0.42	
	Dimensions	H × W × D		mm	230-960-680		230-1280-680		
	Weight			kg	25	26	32	32	
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	
	External Static Pressure			Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	
	Sound Level (PWL)	Cooling			60	60	60	62	
	Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	880-840-330	880-840-330	880-840-330
		Weight			kg	35	54	50	53
Air Volume		Cooling	Rated	m ³ /min.	36.3	44.6	40.9	50.1	
		Heating	Rated	m ³ /min.	34.8	44.6	49.2	48.2	
Sound Level (SPL)		Cooling	Rated	dB(A)	49	52	55	55	
			Silent	dB(A)	—	—	—	—	
		Heating	Rated	dB(A)	50	52	55	55	
Sound Level (PWL)		Cooling		dB(A)	62	65	65	69	
Operating Current(max)				A	8.2	12	14	16.1	
Breaker Size				A	10	20	20	20	
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52		
		Gas	mm	9.52	12.7	15.88	15.88		
	Max.Length	Out-In		m	20	30	30	30	
	Max. Height	Out-In		m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-10	-10	-10	-10	
			Upper Limit.	°C	+24	+24	+24	+24	

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	
		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1	
		Min.	kW	3.7	3.7	5.6	5.6	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.77	0.77	0.72	0.72	
	Total Input	Rated	kW	3.051	3.051	4.245	4.245	
	EER			3.08	3.08	2.85	2.85	
	Annual Electricity Consumption		kWh/a	584	584	812	812	
	SEER			5.6	5.6	5.2	5.2	
			Energy efficiency class	A+	A+	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.8	4.8	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	3.373	3.373	4.066	4.066	
COP			3.32	3.32	3.32	3.32		
Annual Electricity Consumption		kWh/a	2729	2729	2924	2924		
SCOP			4.1	4.1	4.0	4.0		
		Energy efficiency class	A+	A+	A+	A+		
Operating Current(max)			A	20.7	12.2	27.3	12.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	
		Operating Current(max)		A	0.65	0.65	0.76	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	37	37	38	38
	Air Volume	Lo-Mi2-Mi1-Hi	m ³ /min.	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	
	External Static Pressure			Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	
	Sound Level (PWL)	Cooling		63	63	65	65	
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330	981-1050-330	981-1050-330	
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86
		Heating	Rated	m ³ /min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
		Heating	Rated	dB(A)	49	49	52	52
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
		Heating		dB(A)	54	54	56	56
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
	Heating	Lower Limit.	°C	-15	-15	-15		
		Upper Limit.	°C	+21	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PCA-M140KA2		PCA-M140KA2		
		Outdoor Unit		PUHZ-P140VKA		PUHZ-P140YKA		
Refrigerant		R410A						
Power Supply		Source		Outdoor power supply				
	Out	V		230		400		
		Phase		Single		Three		
		Hz		50		50		
	In	V		—		—		
		Phase		—		—		
		Hz		—		—		
Cooling	Capacity	Rated	kW	13.6		13.6		
		Min.	kW	5.8		5.8		
		Max.	kW	14.1		14.1		
	SHF	Rated		0.72		0.72		
	Total Input	Rated	kW	5.643		5.643		
	EER			2.41		2.41		
	Annual Electricity Consumption		kWh/a	929		929		
	SEER			5.1		5.1		
			Energy efficiency class	A		A		
	Heating	Capacity	Rated	kW	15.0		15.0	
Min.			kW	4.9		4.9		
Max.			kW	15.8		15.8		
Total Input		Rated	kW	4.477		4.477		
COP			3.35		3.35			
Annual Electricity Consumption		kWh/a	3288		3288			
SCOP			4.0		4.0			
		Energy efficiency class	A+		A+			
Operating Current(max)			A	30.9		12.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14		0.14 / 0.14	
	Operating Current(max)			A	0.90		0.90	
	Dimensions		H × W × D	mm	230-1600-680			
	Weight			kg	40		40	
	Air Volume	Lo-Mi2-Mi1-Hi	m³/min.	24-26-29-32		24-26-29-32		
	External Static Pressure			Pa	0		0	
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi	dB(A)	41-43-45-48		41-43-45-48		
	Sound Level (PWL)	Cooling		68		68		
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330		981-1050-330	
	Weight			kg	84		85	
	Air Volume	Cooling	Rated	m³/min.	86		86	
		Heating	Rated	m³/min.	92		92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	56		56	
			Silent	dB(A)	54		54	
		Heating	Rated	dB(A)	57		57	
		Sound Level (PWL)	Cooling	dB(A)	75		75	
	Operating Current(max)			A	30		11.5	
	Breaker Size			A	40		16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		
		Gas	mm	15.88		15.88		
	Max. Length	Out-In	m	50		50		
	Max. Height	Out-In	m	30		30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		-15	
			Upper Limit.	°C	+46		+46	
	Heating	Lower Limit.	°C	-15		-15		
		Upper Limit.	°C	+21		+21		

CEILING-SUSPENDED SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

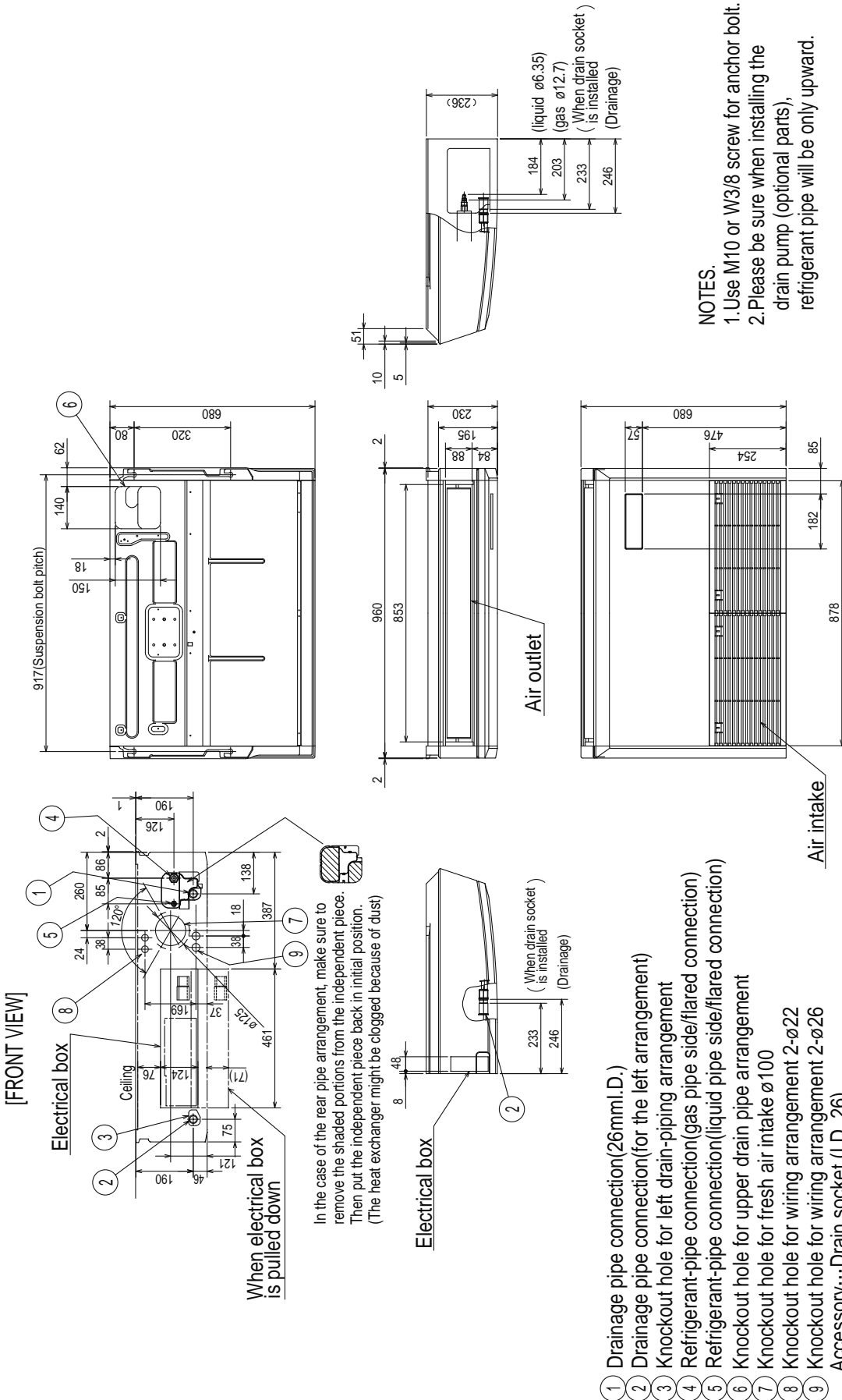
3. Mr.Slim+

Model Name	Indoor Unit			PCA-M71KA2		
	Outdoor Unit			PUHZ-FRP71VHA2		
Refrigerant R410A						
Power Supply	Source			Outdoor power supply		
	Out	V		230		
		Phase		Single		
		Hz		50		
	In	V		—		
		Phase		—		
Hz		—				
Cooling	Capacity	Rated	kW	7.1		
		Min.	kW	3.3		
		Max.	kW	8.1		
	SHF	Rated		0.76		
	Total Input	Rated	kW	1.934		
	EER				3.67	
	Annual Electricity Consumption			kWh/a	384	
	SEER				6.4	
	Energy efficiency class			A++		
Heating	Capacity	Rated	kW	8.0		
		Min.	kW	3.5		
		Max.	kW	10.2		
	Total Input	Rated	kW	2.285		
	COP				3.50	
	Annual Electricity Consumption			kWh/a	1556	
	SCOP				4.2	
	Energy efficiency class			A+		
Operating Current(max)			A	19.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06	
			Operating Current(max)			A
	Dimensions		H × W × D	mm	230-1280-680	
	Weight			kg	32	
	Air Volume	Lo-Mid-Hi		m ³ /min.	16-17-18-20	
	External Static Pressure				Pa	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	35-37-39-41	
	Sound Level (PWL)	Cooling		dB(A)	62	
Outdoor Unit	Dimensions		H × W × D	mm	943-950-330	
	Weight			kg	73	
	Air Volume	Cooling	Rated	m ³ /min.	50	
		Heating	Rated	m ³ /min.	50	
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	
			Silent	dB(A)	—	
		Heating	Rated	dB(A)	49	
	Sound Level (PWL)	Cooling		dB(A)	67	
Operating Current(max)			A	19.0		
Breaker Size			A	25		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		
		Gas	mm	15.88		
	Max.Length	Out-In		m	60	
	Max. Height	Out-In		m	20	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	
			Upper Limit.	°C	46	
		Heating	Lower Limit.	°C	-20	
			Upper Limit.	°C	21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.3.2 OUTLINES AND DIMENSIONS
PCA-M35KA2
PCA-M50KA2

Unit : mm



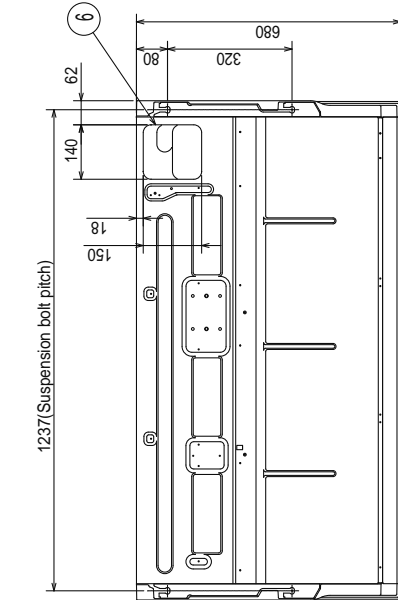
CEILING-SUSPENDED

OUTLINES AND DIMENSIONS

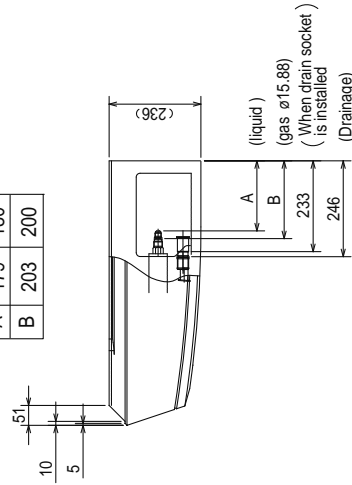
PCA-M60KA2
PCA-M71KA2

Unit : mm

CEILING-SUSPENDED
OUTLINES AND DIMENSIONS



M60	M71
A	179 180
B	203 200



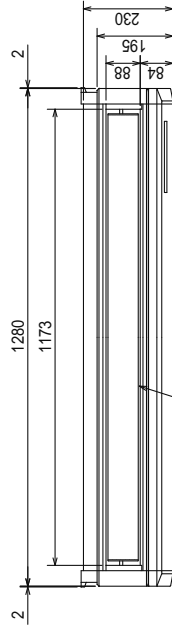
NOTES.

1. Use M10 or W3/8 screw for anchor bolt.
2. Please be sure when installing the drain pump (optional parts), refrigerant pipe will be only upward.

Use the current nuts meeting the pipe size of the outdoor unit

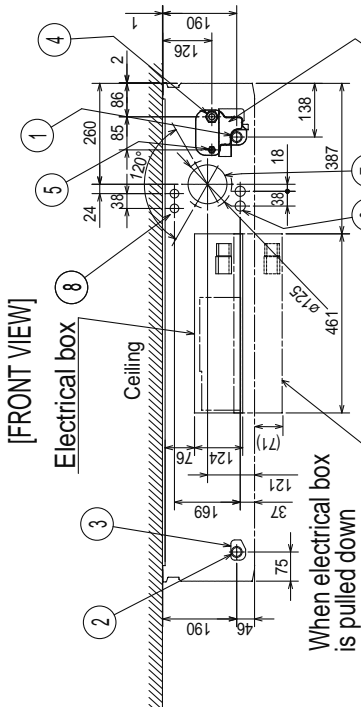
Available pipe size	M60	M71
⑤ LIQUID SIDE	ø6.35	—
④ GAS SIDE	ø9.52 ○	ø9.52 ○
	ø15.88 ○	ø15.88 ○

○ : Initial flare nut size

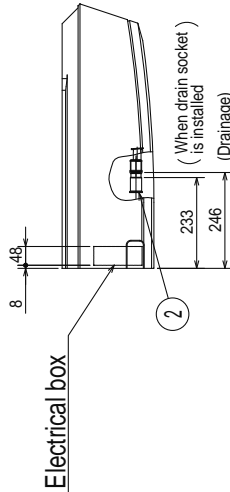


Air outlet

Air intake



In the case of the rear pipe arrangement, make sure to remove the shaded portions from the independent piece. Then put the independent piece back in initial position. (The heat exchanger might be clogged because of dust)



- ① Drainage pipe connection (26mm I.D.)
- ② Drainage pipe connection (for the left arrangement)
- ③ Knockout hole for left drain-piping arrangement
- ④ Refrigerant-pipe connection (gas pipe side/flared connection)
- ⑤ Refrigerant-pipe connection (liquid pipe side/flared connection)
- ⑥ Knockout hole for upper drain pipe arrangement
- ⑦ Knockout hole for fresh air intake ø100
- ⑧ Knockout hole for wiring arrangement 2-ø22
- ⑨ Accessory... Drain socket (I.D. 26)

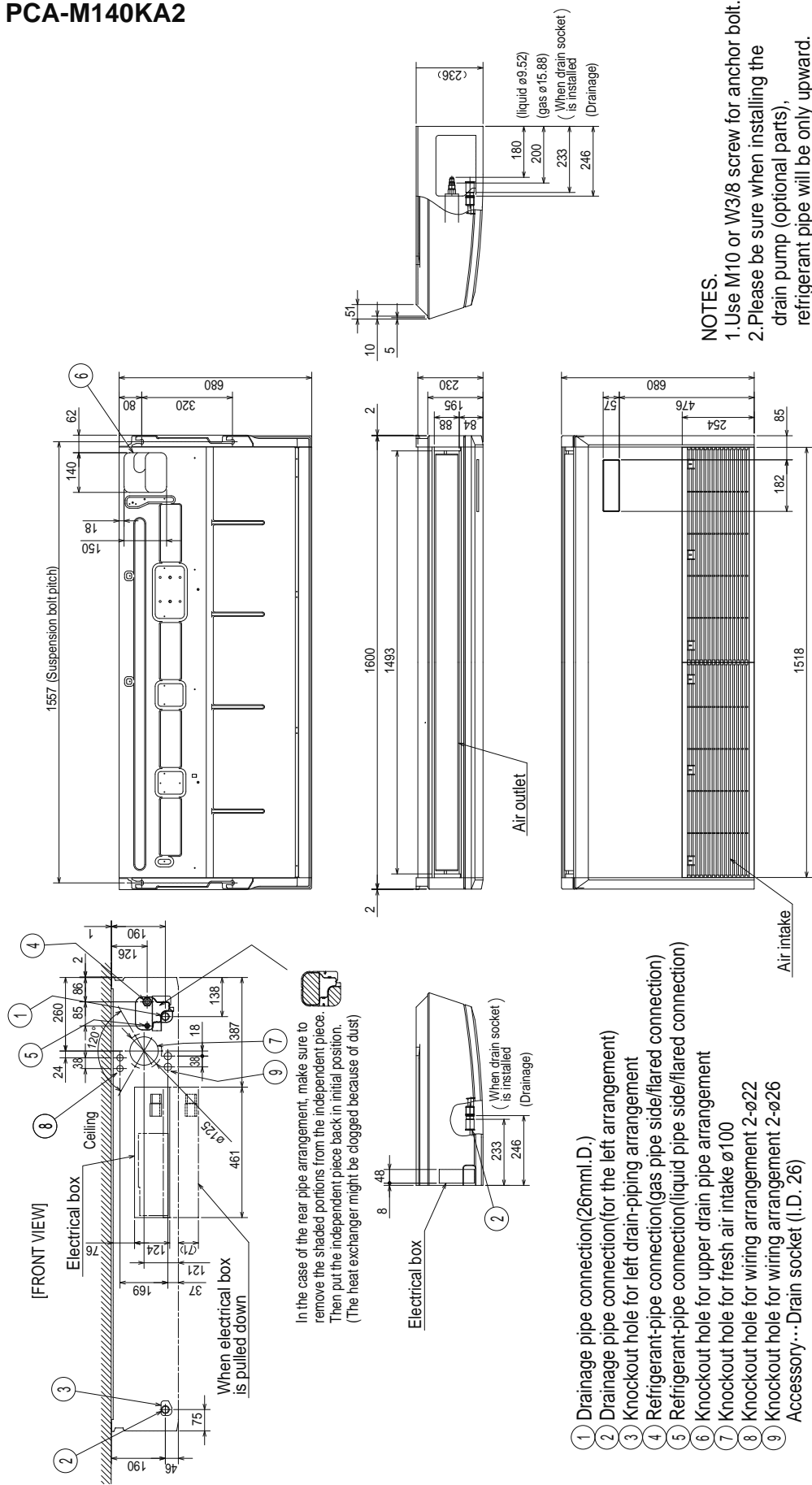
Flare nut ø6.35 (M60 only)

PCA-M100KA2
PCA-M125KA2
PCA-M140KA2

Unit : mm

CEILING-SUSPENDED

OUTLINES AND DIMENSIONS



A.3.3 WIRING DIAGRAM

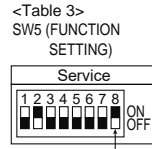
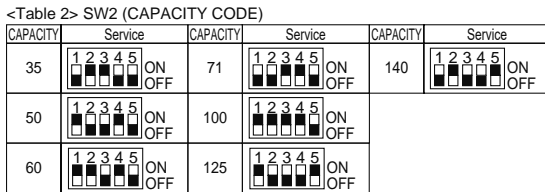
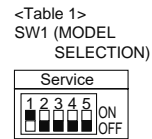
PCA-M35KA2 PCA-M100KA2
 PCA-M50KA2 PCA-M125KA2
 PCA-M60KA2 PCA-M140KA2
 PCA-M71KA2

CEILING-SUSPENDED WIRING DIAGRAM

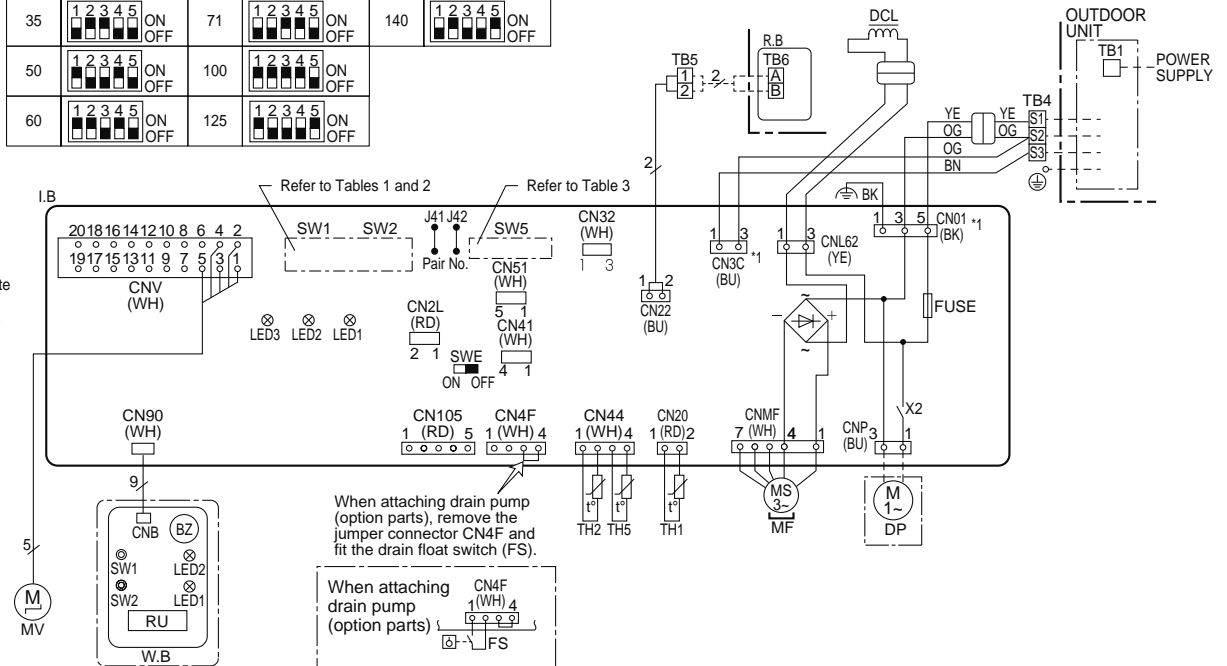
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN41	CONNECTOR (HA TERMINAL-A)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5.4kΩ DETECT)
CN105	CONNECTOR (IT TERMINAL)	OPTION PART	
CNL62	CONNECTOR (REACTOR)	W.B	PCB OF SIGNAL RECEIVER
FUSE	FUSE (T6.3A/250V)	BZ	BUZZER
LED1	POWER SUPPLY (I.B)	LED1	LED (OPERATION INDICATION : GREEN)
LED2	POWER SUPPLY (R.B)	LED2	LED (PREPARATION FOR HEATING : ORANGE)
LED3	TRANSMISSION (INDOOR-OUTDOOR)	RU	RECEIVING UNIT
SW1	SWITCH (MODEL SELECTION) Refer to <Table 1>.	SW1	EMERGENCY OPERATION (HEAT / DOWN)
SW2	SWITCH (CAPACITY CODE) Refer to <Table 2>.	SW2	EMERGENCY OPERATION (COOL / UP)
SW5	SWITCH (FUNCTION SETTING) Refer to <Table 3>.	DP	DRAIN PUMP
SWE	SWITCH (EMERGENCY OPERATION)	FS	DRAIN FLOAT SWITCH
X2	RELAY (DRAIN PUMP)		
R.B	WIRED REMOTE CONTROLLER		
DCL	REACTOR		
MF	FAN MOTOR		
MV	VANE MOTOR		
TB2	TERMINAL BLOCK (Indoor unit Power (Option parts))		

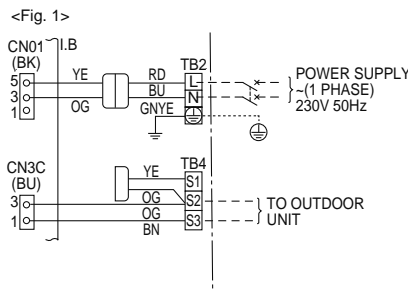
The black square (■) indicates a switch position.



Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.

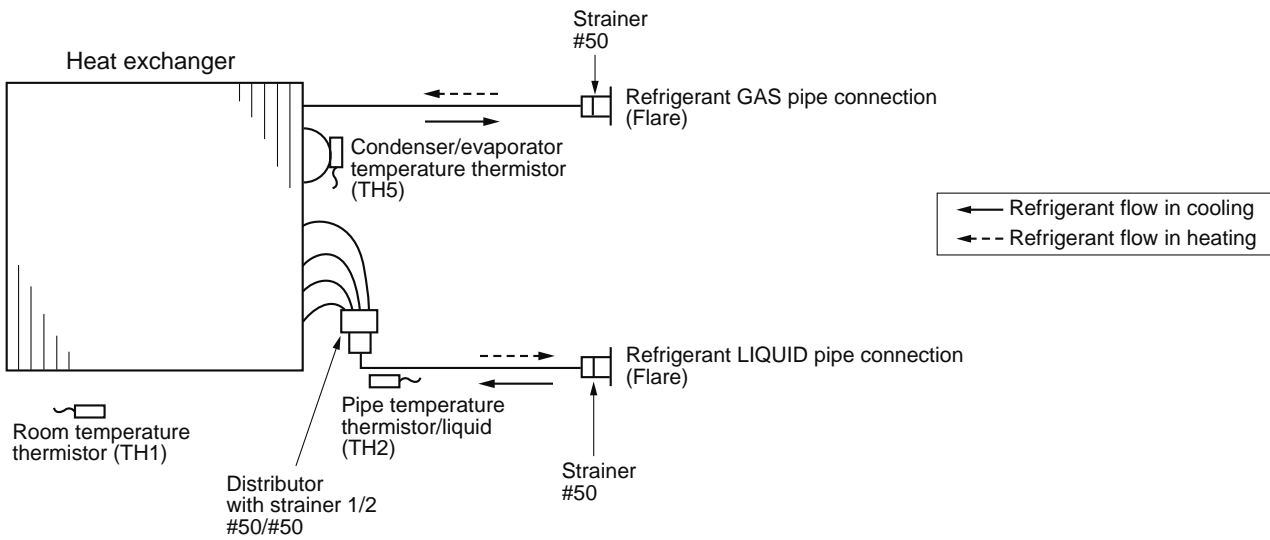


- Notes:
1. Symbols used in this wiring diagram are: :connector, :Terminal (block).
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
 4. This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.
- *1: When work to Supply power separately to indoor and outdoor units was applied, refer to Fig. 1.
 For power supply system of this unit, refer to the caution label located near this diagram.



A.3.4 REFRIGERANT SYSTEM DIAGRAM

- PCA-M35KA2 PCA-M100KA2
- PCA-M50KA2 PCA-M125KA2
- PCA-M60KA2 PCA-M140KA2
- PCA-M71KA2



CEILING-SUSPENDED

REFRIGERANT SYSTEM DIAGRAM

COOLING CAPACITY
PCA-M60KA2 / PUZ-ZM60VHA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.613	4.613	1.00	1.115	4.505	4.505	1.00	1.218	4.397	4.397	1.00	1.321
14	8	4.711	4.523	0.96	1.115	4.585	4.402	0.96	1.219	4.459	4.281	0.96	1.324
14	9	4.906	4.317	0.88	1.113	4.775	4.202	0.88	1.222	4.644	4.087	0.88	1.332
16	8	4.806	4.806	1.00	1.113	4.695	4.695	1.00	1.221	4.583	4.583	1.00	1.329
16	9	4.942	4.645	0.94	1.112	4.810	4.521	0.94	1.223	4.678	4.397	0.94	1.333
16	11	5.169	4.445	0.86	1.110	5.031	4.327	0.86	1.225	4.892	4.207	0.86	1.341
18	10	5.005	5.005	1.00	1.111	4.888	4.888	1.00	1.224	4.771	4.771	1.00	1.337
18	11	5.189	4.826	0.93	1.110	5.049	4.696	0.93	1.226	4.910	4.566	0.93	1.342
18	12	5.448	4.576	0.84	1.106	5.300	4.452	0.84	1.228	5.153	4.329	0.84	1.349
20	16	6.039	4.288	0.71	1.217	5.856	4.158	0.71	1.285	5.673	4.028	0.71	1.361
20	18	6.466	3.815	0.59	1.240	6.283	3.707	0.59	1.308	6.070	3.581	0.59	1.399
20	20	6.954	3.268	0.47	1.278	6.802	3.197	0.47	1.338	6.619	3.111	0.47	1.430
22	16	6.039	4.771	0.79	1.217	5.856	4.626	0.79	1.285	5.673	4.482	0.79	1.361
22	18	6.466	4.332	0.67	1.240	6.283	4.210	0.67	1.308	6.070	4.067	0.67	1.399
22	20	6.954	3.825	0.55	1.278	6.802	3.741	0.55	1.338	6.619	3.640	0.55	1.430
24	16	6.039	5.254	0.87	1.217	5.856	5.095	0.87	1.285	5.673	4.936	0.87	1.361
24	18	6.466	4.850	0.75	1.240	6.283	4.712	0.75	1.308	6.070	4.553	0.75	1.399
24	20	6.954	4.381	0.63	1.278	6.802	4.285	0.63	1.338	6.619	4.170	0.63	1.430
24	22	7.412	3.780	0.51	1.308	7.259	3.702	0.51	1.384	7.076	3.609	0.51	1.475
26	16	6.039	5.737	0.95	1.217	5.856	5.563	0.95	1.285	5.673	5.389	0.95	1.361
26	18	6.466	5.367	0.83	1.240	6.283	5.215	0.83	1.308	6.070	5.038	0.83	1.399
26	20	6.954	4.937	0.71	1.278	6.802	4.829	0.71	1.338	6.619	4.699	0.71	1.430
26	22	7.412	4.373	0.59	1.308	7.259	4.283	0.59	1.384	7.076	4.175	0.59	1.475
27	16	6.039	5.979	0.99	1.217	5.856	5.797	0.99	1.285	5.673	5.616	0.99	1.361
27	18	6.466	5.625	0.87	1.240	6.283	5.466	0.87	1.308	6.070	5.281	0.87	1.399
27	20	6.954	5.216	0.75	1.278	6.802	5.102	0.75	1.338	6.619	4.964	0.75	1.430
27	22	7.412	4.670	0.63	1.308	7.259	4.573	0.63	1.384	7.076	4.458	0.63	1.475
28	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
28	18	6.466	5.884	0.91	1.240	6.283	5.718	0.91	1.308	6.070	5.524	0.91	1.399
28	20	6.954	5.494	0.79	1.278	6.802	5.374	0.79	1.338	6.619	5.229	0.79	1.430
28	22	7.412	4.966	0.67	1.308	7.259	4.864	0.67	1.384	7.076	4.741	0.67	1.475
30	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
30	18	6.466	6.401	0.99	1.240	6.283	6.220	0.99	1.308	6.070	6.009	0.99	1.399
30	20	6.954	6.050	0.87	1.278	6.802	5.918	0.87	1.338	6.619	5.759	0.87	1.430
30	22	7.412	5.559	0.75	1.308	7.259	5.444	0.75	1.384	7.076	5.307	0.75	1.475
32	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
32	18	6.466	6.466	1.00	1.240	6.283	6.283	1.00	1.308	6.070	6.070	1.00	1.399
32	20	6.954	6.606	0.95	1.278	6.802	6.462	0.95	1.338	6.619	6.288	0.95	1.430
32	22	7.412	6.152	0.83	1.308	7.259	6.025	0.83	1.384	7.076	5.873	0.83	1.475
34	16	6.039	6.039	1.00	1.217	5.856	5.856	1.00	1.285	5.673	5.673	1.00	1.361
34	18	6.466	6.466	1.00	1.240	6.283	6.283	1.00	1.308	6.070	6.070	1.00	1.399
34	20	6.954	6.954	1.00	1.278	6.802	6.802	1.00	1.338	6.619	6.619	1.00	1.430
34	22	7.412	6.745	0.91	1.308	7.259	6.606	0.91	1.384	7.076	6.439	0.91	1.475

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.277	4.277	1.00	1.438	4.147	4.147	1.00	1.560	4.040	4.040	1.00	1.680
14	8	4.319	4.146	0.96	1.441	4.177	4.010	0.96	1.562	4.063	3.900	0.96	1.683
14	9	4.499	3.959	0.88	1.453	4.345	3.824	0.88	1.577	4.218	3.712	0.88	1.699
16	8	4.459	4.459	1.00	1.450	4.326	4.326	1.00	1.575	4.215	4.215	1.00	1.699
16	9	4.533	4.261	0.94	1.455	4.379	4.116	0.94	1.579	4.256	4.001	0.94	1.703
16	11	4.741	4.077	0.86	1.467	4.580	3.939	0.86	1.595	4.445	3.823	0.86	1.722
18	10	4.645	4.645	1.00	1.461	4.508	4.508	1.00	1.590	4.394	4.394	1.00	1.717
18	11	4.760	4.427	0.93	1.468	4.598	4.276	0.93	1.596	4.463	4.151	0.93	1.724
18	12	4.995	4.196	0.84	1.480	4.826	4.054	0.84	1.613	4.682	3.933	0.84	1.744
20	16	5.429	3.855	0.71	1.460	5.185	3.681	0.71	1.567	4.941	3.508	0.71	1.696
20	18	5.856	3.455	0.59	1.498	5.673	3.347	0.59	1.612	5.307	3.131	0.59	1.734
20	20	6.344	2.982	0.47	1.536	6.100	2.867	0.47	1.643	5.734	2.695	0.47	1.764
22	16	5.429	4.289	0.79	1.460	5.185	4.096	0.79	1.567	4.941	3.903	0.79	1.696
22	18	5.856	3.924	0.67	1.498	5.673	3.801	0.67	1.612	5.307	3.556	0.67	1.734
22	20	6.344	3.489	0.55	1.536	6.100	3.355	0.55	1.643	5.734	3.154	0.55	1.764
24	16	5.429	4.723	0.87	1.460	5.185	4.511	0.87	1.567	4.941	4.299	0.87	1.696
24	18	5.856	4.392	0.75	1.498	5.673	4.255	0.75	1.612	5.307	3.980	0.75	1.734
24	20	6.344	3.997	0.63	1.536	6.100	3.843	0.63	1.643	5.734	3.612	0.63	1.764
24	22	6.832	3.484	0.51	1.567	6.588	3.360	0.51	1.688	6.222	3.173	0.51	1.795
26	16	5.429	5.158	0.95	1.460	5.185	4.926	0.95	1.567	4.941	4.694	0.95	1.696
26	18	5.856	4.860	0.83	1.498	5.673	4.709	0.83	1.612	5.307	4.405	0.83	1.734
26	20	6.344	4.504	0.71	1.536	6.100	4.331	0.71	1.643	5.734	4.071	0.71	1.764
26	22	6.832	4.031	0.59	1.567	6.588	3.887	0.59	1.688	6.222	3.671	0.59	1.795
27	16	5.429	5.375	0.99	1.460	5.185	5.133	0.99	1.567	4.941	4.892	0.99	1.696
27	18	5.856	5.095	0.87	1.498	5.673	4.936	0.87	1.612	5.307	4.617	0.87	1.734
27	20	6.344	4.758	0.75	1.536	6.100	4.575	0.75	1.643	5.734	4.301	0.75	1.764
27	22	6.832	4.304	0.63	1.567	6.588	4.150	0.63	1.688	6.222	3.920	0.63	1.795
28	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
28	18	5.856	5.329	0.91	1.498	5.673	5.162	0.91	1.612	5.307	4.829	0.91	1.734
28	20	6.344	5.012	0.79	1.536	6.100	4.819	0.79	1.643	5.734	4.530	0.79	1.764
28	22	6.832	4.577	0.67	1.567	6.588	4.414	0.67	1.688	6.222	4.169	0.67	1.795
30	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
30	18	5.856	5.797	0.99	1.498	5.673	5.616	0.99	1.612	5.307	5.254	0.99	1.734
30	20	6.344	5.519	0.87	1.536	6.100	5.307	0.87	1.643	5.734	4.989	0.87	1.764
30	22	6.832	5.124	0.75	1.567	6.588	4.941	0.75	1.688	6.222	4.667	0.75	1.795
32	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
32	18	5.856	5.856	1.00	1.498	5.673	5.673	1.00	1.612	5.307	5.307	1.00	1.734
32	20	6.344	6.027	0.95	1.536	6.100	5.795	0.95	1.643	5.734	5.447	0.95	1.764
32	22	6.832	5.671	0.83	1.567	6.588	5.468	0.83	1.688	6.222	5.164	0.83	1.795
34	16	5.429	5.429	1.00	1.460	5.185	5.185	1.00	1.567	4.941	4.941	1.00	1.696
34	18	5.856	5.856	1.00	1.498	5.673	5.673	1.00	1.612	5.307	5.307	1.00	1.734
34	20	6.344	6.344	1.00	1.536	6.100	6.100	1.00	1.643	5.734	5.734	1.00	1.764
34	22	6.832	6.217	0.91	1.567	6.588	5.995	0.91	1.				

**COOLING CAPACITY
PCA-M71KA2 / PUZ-ZM71VHA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.262	0.98	1.341	5.244	5.139	0.98	1.465	5.118	5.016	0.98	1.588
14	8	5.483	4.990	0.91	1.340	5.337	4.857	0.91	1.466	5.190	4.723	0.91	1.592
14	9	5.710	4.739	0.83	1.338	5.558	4.613	0.83	1.470	5.405	4.486	0.83	1.601
16	8	5.594	5.482	0.98	1.339	5.464	5.355	0.98	1.469	5.335	5.228	0.98	1.598
16	9	5.752	5.119	0.89	1.338	5.598	4.982	0.89	1.470	5.445	4.846	0.89	1.603
16	11	6.016	4.873	0.81	1.334	5.855	4.743	0.81	1.474	5.694	4.612	0.81	1.613
18	10	5.825	5.650	0.97	1.336	5.689	5.518	0.97	1.472	5.554	5.387	0.97	1.607
18	11	6.039	5.314	0.88	1.335	5.877	5.172	0.88	1.474	5.715	5.029	0.88	1.614
18	12	6.341	5.009	0.79	1.330	6.169	4.874	0.79	1.476	5.997	4.738	0.79	1.622
20	16	7.029	4.639	0.66	1.463	6.816	4.499	0.66	1.546	6.603	4.358	0.66	1.637
20	18	7.526	4.064	0.54	1.491	7.313	3.949	0.54	1.573	7.065	3.815	0.54	1.683
20	20	8.094	3.399	0.42	1.536	7.917	3.325	0.42	1.610	7.704	3.236	0.42	1.719
22	16	7.029	5.201	0.74	1.463	6.816	5.044	0.74	1.546	6.603	4.886	0.74	1.637
22	18	7.526	4.666	0.62	1.491	7.313	4.534	0.62	1.573	7.065	4.380	0.62	1.683
22	20	8.094	4.047	0.50	1.536	7.917	3.959	0.50	1.610	7.704	3.852	0.50	1.719
24	16	7.029	5.764	0.82	1.463	6.816	5.589	0.82	1.546	6.603	5.414	0.82	1.637
24	18	7.526	5.268	0.70	1.491	7.313	5.119	0.70	1.573	7.065	4.946	0.70	1.683
24	20	8.094	4.695	0.58	1.536	7.917	4.592	0.58	1.610	7.704	4.468	0.58	1.719
24	22	8.627	3.968	0.46	1.573	8.449	3.887	0.46	1.664	8.236	3.789	0.46	1.774
26	16	7.029	6.326	0.90	1.463	6.816	6.134	0.90	1.546	6.603	5.943	0.90	1.637
26	18	7.526	5.870	0.78	1.491	7.313	5.704	0.78	1.573	7.065	5.511	0.78	1.683
26	20	8.094	5.342	0.66	1.536	7.917	5.225	0.66	1.610	7.704	5.085	0.66	1.719
26	22	8.627	4.659	0.54	1.573	8.449	4.562	0.54	1.664	8.236	4.447	0.54	1.774
27	16	7.029	6.607	0.94	1.463	6.816	6.407	0.94	1.546	6.603	6.207	0.94	1.637
27	18	7.526	6.171	0.82	1.491	7.313	5.997	0.82	1.573	7.065	5.793	0.82	1.683
27	20	8.094	5.666	0.70	1.536	7.917	5.542	0.70	1.610	7.704	5.393	0.70	1.719
27	22	8.627	5.004	0.58	1.573	8.449	4.900	0.58	1.664	8.236	4.777	0.58	1.774
28	16	7.029	6.888	0.98	1.463	6.816	6.680	0.98	1.546	6.603	6.471	0.98	1.637
28	18	7.526	6.472	0.86	1.491	7.313	6.289	0.86	1.573	7.065	6.076	0.86	1.683
28	20	8.094	5.990	0.74	1.536	7.917	5.859	0.74	1.610	7.704	5.701	0.74	1.719
28	22	8.627	5.349	0.62	1.573	8.449	5.238	0.62	1.664	8.236	5.106	0.62	1.774
30	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
30	18	7.526	7.074	0.94	1.491	7.313	6.874	0.94	1.573	7.065	6.641	0.94	1.683
30	20	8.094	6.637	0.82	1.536	7.917	6.492	0.82	1.610	7.704	6.317	0.82	1.719
30	22	8.627	6.039	0.70	1.573	8.449	5.914	0.70	1.664	8.236	5.765	0.70	1.774
32	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
32	18	7.526	7.526	1.00	1.491	7.313	7.313	1.00	1.573	7.065	7.065	1.00	1.683
32	20	8.094	7.285	0.90	1.536	7.917	7.125	0.90	1.610	7.704	6.934	0.90	1.719
32	22	8.627	6.729	0.78	1.573	8.449	6.590	0.78	1.664	8.236	6.424	0.78	1.774
34	16	7.029	7.029	1.00	1.463	6.816	6.816	1.00	1.546	6.603	6.603	1.00	1.637
34	18	7.526	7.526	1.00	1.491	7.313	7.313	1.00	1.573	7.065	7.065	1.00	1.683
34	20	8.094	7.932	0.98	1.536	7.917	7.759	0.98	1.610	7.704	7.550	0.98	1.719
34	22	8.627	7.419	0.86	1.573	8.449	7.266	0.86	1.664	8.236	7.083	0.86	1.774

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.878	0.98	1.729	4.827	4.730	0.98	1.875	4.702	4.608	0.98	2.020
14	8	5.027	4.575	0.91	1.733	4.862	4.424	0.91	1.879	4.729	4.303	0.91	2.023
14	9	5.237	4.347	0.83	1.747	5.057	4.197	0.83	1.896	4.909	4.074	0.83	2.043
16	8	5.190	5.086	0.98	1.744	5.035	4.934	0.98	1.894	4.906	4.808	0.98	2.043
16	9	5.276	4.696	0.89	1.750	5.096	4.535	0.89	1.899	4.953	4.408	0.89	2.048
16	11	5.519	4.470	0.81	1.764	5.331	4.318	0.81	1.919	5.173	4.190	0.81	2.071
18	10	5.406	5.244	0.97	1.757	5.247	5.090	0.97	1.912	5.114	4.961	0.97	2.065
18	11	5.540	4.875	0.88	1.765	5.352	4.710	0.88	1.920	5.194	4.571	0.88	2.073
18	12	5.814	4.593	0.79	1.780	5.618	4.438	0.79	1.940	5.450	4.306	0.79	2.098
20	16	6.319	4.171	0.66	1.756	6.035	3.983	0.66	1.884	5.751	3.796	0.66	2.039
20	18	6.816	3.681	0.54	1.802	6.603	3.566	0.54	1.939	6.177	3.336	0.54	2.085
20	20	7.384	3.101	0.42	1.847	7.100	2.982	0.42	1.975	6.674	2.803	0.42	2.122
22	16	6.319	4.676	0.74	1.756	6.035	4.466	0.74	1.884	5.751	4.256	0.74	2.039
22	18	6.816	4.226	0.62	1.802	6.603	4.094	0.62	1.939	6.177	3.830	0.62	2.085
22	20	7.384	3.692	0.50	1.847	7.100	3.550	0.50	1.975	6.674	3.337	0.50	2.122
24	16	6.319	5.182	0.82	1.756	6.035	4.949	0.82	1.884	5.751	4.716	0.82	2.039
24	18	6.816	4.771	0.70	1.802	6.603	4.622	0.70	1.939	6.177	4.324	0.70	2.085
24	20	7.384	4.283	0.58	1.847	7.100	4.118	0.58	1.975	6.674	3.871	0.58	2.122
24	22	7.952	3.658	0.46	1.884	7.668	3.527	0.46	2.030	7.242	3.331	0.46	2.158
26	16	6.319	5.687	0.90	1.756	6.035	5.432	0.90	1.884	5.751	5.176	0.90	2.039
26	18	6.816	5.316	0.78	1.802	6.603	5.150	0.78	1.939	6.177	4.818	0.78	2.085
26	20	7.384	4.873	0.66	1.847	7.100	4.686	0.66	1.975	6.674	4.405	0.66	2.122
26	22	7.952	4.294	0.54	1.884	7.668	4.141	0.54	2.030	7.242	3.911	0.54	2.158
27	16	6.319	5.940	0.94	1.756	6.035	5.673	0.94	1.884	5.751	5.406	0.94	2.039
27	18	6.816	5.589	0.82	1.802	6.603	5.414	0.82	1.939	6.177	5.065	0.82	2.085
27	20	7.384	5.169	0.70	1.847	7.100	4.970	0.70	1.975	6.674	4.672	0.70	2.122
27	22	7.952	4.612	0.58	1.884	7.668	4.447	0.58	2.030	7.242	4.200	0.58	2.158
28	16	6.319	6.193	0.98	1.756	6.035	5.914	0.98	1.884	5.751	5.636	0.98	2.039
28	18	6.816	5.862	0.86	1.802	6.603	5.679	0.86	1.939	6.177	5.312	0.86	2.085
28	20	7.384	5.464	0.74	1.847	7.100	5.254	0.74	1.975	6.674	4.939	0.74	2.122
28	22	7.952	4.930	0.62	1.884	7.668	4.754	0.62	2.030	7.242	4.490	0.62	2.158
30	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
30	18	6.816	6.407	0.94	1.802	6.603	6.207	0.94	1.939	6.177	5.806	0.94	2.085
30	20	7.384	6.055	0.82	1.847	7.100	5.822	0.82	1.975	6.674	5.473	0.82	2.122
30	22	7.952	5.566	0.70	1.884	7.668	5.368	0.70	2.030	7.242	5.069	0.70	2.158
32	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
32	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
32	20	7.384	6.646	0.90	1.847	7.100	6.390	0.90	1.975	6.674	6.007	0.90	2.122
32	22	7.952	6.203	0.78	1.884	7.668	5.981	0.78	2.030	7.242	5.649	0.78	2.158
34	16	6.319	6.319	1.00	1.756	6.035	6.035	1.00	1.884	5.751	5.751	1.00	2.039
34	18	6.816	6.816	1.00	1.802	6.603	6.603	1.00	1.939	6.177	6.177	1.00	2.085
34	20	7.384	7.236	0.98	1.847	7.100	6.958	0.98	1.975	6.674	6.541	0.98	2.122
34	22	7.952	6.839	0.86	1.884	7.668	6.594	0.86	2.030				

COOLING CAPACITY
PCA-M100KA2 / PUZ-ZM100VKA2 PUZ-ZM100YKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	7.112	0.99	1.741	7.016	6.946	0.99	1.902	6.848	6.780	0.99	2.063
14	8	7.337	6.750	0.92	1.741	7.141	6.570	0.92	1.904	6.945	6.389	0.92	2.068
14	9	7.641	6.418	0.84	1.738	7.436	6.246	0.84	1.908	7.232	6.075	0.84	2.079
16	8	7.485	7.410	0.99	1.738	7.311	7.238	0.99	1.907	7.138	7.067	0.99	2.076
16	9	7.696	6.926	0.90	1.737	7.491	6.742	0.90	1.909	7.286	6.557	0.90	2.081
16	11	8.050	6.601	0.82	1.733	7.834	6.424	0.82	1.914	7.619	6.248	0.82	2.094
18	10	7.794	7.638	0.98	1.735	7.613	7.461	0.98	1.911	7.431	7.282	0.98	2.087
18	11	8.080	7.191	0.89	1.733	7.864	6.999	0.89	1.914	7.647	6.806	0.89	2.095
18	12	8.485	6.788	0.80	1.727	8.255	6.604	0.80	1.917	8.024	6.419	0.80	2.107
20	16	9.405	6.301	0.67	1.900	9.120	6.110	0.67	2.007	8.835	5.919	0.67	2.126
20	18	10.070	5.539	0.55	1.936	9.785	5.382	0.55	2.043	9.453	5.199	0.55	2.185
20	20	10.830	4.657	0.43	1.995	10.593	4.555	0.43	2.090	10.308	4.432	0.43	2.233
22	16	9.405	7.054	0.75	1.900	9.120	6.840	0.75	2.007	8.835	6.626	0.75	2.126
22	18	10.070	6.344	0.63	1.936	9.785	6.165	0.63	2.043	9.453	5.955	0.63	2.185
22	20	10.830	5.523	0.51	1.995	10.593	5.402	0.51	2.090	10.308	5.257	0.51	2.233
24	16	9.405	7.806	0.83	1.900	9.120	7.570	0.83	2.007	8.835	7.333	0.83	2.126
24	18	10.070	7.150	0.71	1.936	9.785	6.947	0.71	2.043	9.453	6.712	0.71	2.185
24	20	10.830	6.390	0.59	1.995	10.593	6.250	0.59	2.090	10.308	6.082	0.59	2.233
24	22	11.543	5.425	0.47	2.043	11.305	5.313	0.47	2.161	11.020	5.179	0.47	2.304
26	16	9.405	8.559	0.91	1.900	9.120	8.299	0.91	2.007	8.835	8.040	0.91	2.126
26	18	10.070	7.955	0.79	1.936	9.785	7.730	0.79	2.043	9.453	7.468	0.79	2.185
26	20	10.830	7.256	0.67	1.995	10.593	7.097	0.67	2.090	10.308	6.906	0.67	2.233
26	22	11.543	6.349	0.55	2.043	11.305	6.218	0.55	2.161	11.020	6.061	0.55	2.304
27	16	9.405	8.935	0.95	1.900	9.120	8.664	0.95	2.007	8.835	8.393	0.95	2.126
27	18	10.070	8.358	0.83	1.936	9.785	8.122	0.83	2.043	9.453	7.846	0.83	2.185
27	20	10.830	7.689	0.71	1.995	10.593	7.521	0.71	2.090	10.308	7.319	0.71	2.233
27	22	11.543	6.810	0.59	2.043	11.305	6.670	0.59	2.161	11.020	6.502	0.59	2.304
28	16	9.405	9.311	0.99	1.900	9.120	9.029	0.99	2.007	8.835	8.747	0.99	2.126
28	18	10.070	8.761	0.87	1.936	9.785	8.513	0.87	2.043	9.453	8.224	0.87	2.185
28	20	10.830	8.123	0.75	1.995	10.593	7.945	0.75	2.090	10.308	7.731	0.75	2.233
28	22	11.543	7.272	0.63	2.043	11.305	7.122	0.63	2.161	11.020	6.943	0.63	2.304
30	16	9.405	9.405	1.00	1.900	9.120	9.120	1.00	2.007	8.835	8.835	1.00	2.126
30	18	10.070	9.567	0.95	1.936	9.785	9.296	0.95	2.043	9.453	8.980	0.95	2.185
30	20	10.830	8.989	0.83	1.995	10.593	8.792	0.83	2.090	10.308	8.556	0.83	2.233
30	22	11.543	8.196	0.71	2.043	11.305	8.027	0.71	2.161	11.020	7.824	0.71	2.304
32	16	9.405	9.405	1.00	1.900	9.120	9.120	1.00	2.007	8.835	8.835	1.00	2.126
32	18	10.070	10.070	1.00	1.936	9.785	9.785	1.00	2.043	9.453	9.453	1.00	2.185
32	20	10.830	9.855	0.91	1.995	10.593	9.640	0.91	2.090	10.308	9.380	0.91	2.233
32	22	11.543	9.119	0.79	2.043	11.305	8.931	0.79	2.161	11.020	8.706	0.79	2.304
34	16	9.405	9.405	1.00	1.900	9.120	9.120	1.00	2.007	8.835	8.835	1.00	2.126
34	18	10.070	10.070	1.00	1.936	9.785	9.785	1.00	2.043	9.453	9.453	1.00	2.185
34	20	10.830	10.722	0.99	1.995	10.593	10.487	0.99	2.090	10.308	10.205	0.99	2.233
34	22	11.543	10.042	0.87	2.043	11.305	9.835	0.87	2.161	11.020	9.587	0.87	2.304

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.593	0.99	2.246	6.458	6.393	0.99	2.435	6.291	6.228	0.99	2.623
14	8	6.727	6.189	0.92	2.250	6.505	5.985	0.92	2.440	6.328	5.822	0.92	2.627
14	9	7.007	5.886	0.84	2.268	6.767	5.684	0.84	2.462	6.569	5.518	0.84	2.653
16	8	6.945	6.876	0.99	2.265	6.737	6.670	0.99	2.459	6.565	6.499	0.99	2.653
16	9	7.059	6.353	0.90	2.272	6.819	6.137	0.90	2.466	6.628	5.965	0.90	2.659
16	11	7.384	6.055	0.82	2.291	7.133	5.849	0.82	2.491	6.922	5.676	0.82	2.689
18	10	7.233	7.088	0.98	2.282	7.021	6.881	0.98	2.483	6.843	6.706	0.98	2.681
18	11	7.413	6.598	0.89	2.292	7.161	6.373	0.89	2.493	6.950	6.186	0.89	2.692
18	12	7.779	6.223	0.80	2.311	7.516	6.013	0.80	2.519	7.292	5.834	0.80	2.724
20	16	8.455	5.665	0.67	2.280	8.075	5.410	0.67	2.446	7.695	5.156	0.67	2.648
20	18	9.120	5.016	0.55	2.339	8.835	4.859	0.55	2.518	8.265	4.546	0.55	2.708
20	20	9.880	4.248	0.43	2.399	9.500	4.085	0.43	2.565	8.930	3.840	0.43	2.755
22	16	8.455	6.341	0.75	2.280	8.075	6.056	0.75	2.446	7.695	5.771	0.75	2.648
22	18	9.120	5.746	0.63	2.339	8.835	5.566	0.63	2.518	8.265	5.207	0.63	2.708
22	20	9.880	5.039	0.51	2.399	9.500	4.845	0.51	2.565	8.930	4.554	0.51	2.755
24	16	8.455	7.018	0.83	2.280	8.075	6.702	0.83	2.446	7.695	6.387	0.83	2.648
24	18	9.120	6.475	0.71	2.339	8.835	6.273	0.71	2.518	8.265	5.868	0.71	2.708
24	20	9.880	5.829	0.59	2.399	9.500	5.605	0.59	2.565	8.930	5.269	0.59	2.755
24	22	10.640	5.001	0.47	2.446	10.260	4.822	0.47	2.636	9.690	4.554	0.47	2.803
26	16	8.455	7.694	0.91	2.280	8.075	7.348	0.91	2.446	7.695	7.002	0.91	2.648
26	18	9.120	7.205	0.79	2.339	8.835	6.980	0.79	2.518	8.265	6.529	0.79	2.708
26	20	9.880	6.620	0.67	2.399	9.500	6.365	0.67	2.565	8.930	5.983	0.67	2.755
26	22	10.640	5.852	0.55	2.446	10.260	5.643	0.55	2.636	9.690	5.330	0.55	2.803
27	16	8.455	8.032	0.95	2.280	8.075	7.671	0.95	2.446	7.695	7.310	0.95	2.648
27	18	9.120	7.570	0.83	2.339	8.835	7.333	0.83	2.518	8.265	6.860	0.83	2.708
27	20	9.880	7.015	0.71	2.399	9.500	6.745	0.71	2.565	8.930	6.340	0.71	2.755
27	22	10.640	6.278	0.59	2.446	10.260	6.053	0.59	2.636	9.690	5.717	0.59	2.803
28	16	8.455	8.370	0.99	2.280	8.075	7.994	0.99	2.446	7.695	7.618	0.99	2.648
28	18	9.120	7.934	0.87	2.339	8.835	7.686	0.87	2.518	8.265	7.191	0.87	2.708
28	20	9.880	7.410	0.75	2.399	9.500	7.125	0.75	2.565	8.930	6.698	0.75	2.755
28	22	10.640	6.703	0.63	2.446	10.260	6.464	0.63	2.636	9.690	6.105	0.63	2.803
30	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
30	18	9.120	8.664	0.95	2.339	8.835	8.393	0.95	2.518	8.265	7.852	0.95	2.708
30	20	9.880	8.200	0.83	2.399	9.500	7.885	0.83	2.565	8.930	7.412	0.83	2.755
30	22	10.640	7.554	0.71	2.446	10.260	7.285	0.71	2.636	9.690	6.880	0.71	2.803
32	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
32	18	9.120	9.120	1.00	2.339	8.835	8.835	1.00	2.518	8.265	8.265	1.00	2.708
32	20	9.880	8.991	0.91	2.399	9.500	8.645	0.91	2.565	8.930	8.126	0.91	2.755
32	22	10.640	8.406	0.79	2.446	10.260	8.105	0.79	2.636	9.690	7.655	0.79	2.803
34	16	8.455	8.455	1.00	2.280	8.075	8.075	1.00	2.446	7.695	7.695	1.00	2.648
34	18	9.120	9.120	1.00	2.339	8.835	8.835	1.00	2.518	8.265	8.265	1.00	2.708
34	20	9.880	9.781	0.99	2.399	9.500	9.405	0.99	2.565	8.930	8.841	0.99	2.755

**COOLING CAPACITY
PCA-M125KA2 / PUZ-ZM125VKA2 PUZ-ZM125YKA2**

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.886	0.94	2.820	9.232	8.678	0.94	3.080	9.010	8.469	0.94	3.340
14	8	9.654	8.399	0.87	2.819	9.396	8.175	0.87	3.083	9.138	7.950	0.87	3.348
14	9	10.053	7.942	0.79	2.814	9.784	7.729	0.79	3.090	9.515	7.517	0.79	3.367
16	8	9.848	9.257	0.94	2.815	9.620	9.043	0.94	3.088	9.392	8.828	0.94	3.361
16	9	10.126	8.607	0.85	2.813	9.856	8.378	0.85	3.092	9.586	8.148	0.85	3.371
16	11	10.592	8.156	0.77	2.806	10.308	7.937	0.77	3.099	10.025	7.719	0.77	3.392
18	10	10.256	9.538	0.93	2.810	10.017	9.316	0.93	3.095	9.777	9.093	0.93	3.380
18	11	10.632	8.931	0.84	2.807	10.347	8.691	0.84	3.100	10.062	8.452	0.84	3.393
18	12	11.164	8.373	0.75	2.797	10.861	8.146	0.75	3.105	10.558	7.919	0.75	3.412
20	16	12.375	7.673	0.62	3.077	12.000	7.440	0.62	3.250	11.625	7.208	0.62	3.442
20	18	13.250	6.625	0.50	3.134	12.875	6.438	0.50	3.308	12.438	6.219	0.50	3.538
20	20	14.250	5.415	0.38	3.231	13.938	5.296	0.38	3.384	13.563	5.154	0.38	3.615
22	16	12.375	8.663	0.70	3.077	12.000	8.400	0.70	3.250	11.625	8.138	0.70	3.442
22	18	13.250	7.685	0.58	3.134	12.875	7.468	0.58	3.308	12.438	7.214	0.58	3.538
22	20	14.250	6.555	0.46	3.231	13.938	6.411	0.46	3.384	13.563	6.239	0.46	3.615
24	16	12.375	9.653	0.78	3.077	12.000	9.360	0.78	3.250	11.625	9.068	0.78	3.442
24	18	13.250	8.745	0.66	3.134	12.875	8.498	0.66	3.308	12.438	8.209	0.66	3.538
24	20	14.250	7.695	0.54	3.231	13.938	7.527	0.54	3.384	13.563	7.324	0.54	3.615
24	22	15.188	6.379	0.42	3.308	14.875	6.248	0.42	3.500	14.500	6.090	0.42	3.731
26	16	12.375	10.643	0.86	3.077	12.000	10.320	0.86	3.250	11.625	9.998	0.86	3.442
26	18	13.250	9.805	0.74	3.134	12.875	9.528	0.74	3.308	12.438	9.204	0.74	3.538
26	20	14.250	8.835	0.62	3.231	13.938	8.642	0.62	3.384	13.563	8.409	0.62	3.615
26	22	15.188	7.594	0.50	3.308	14.875	7.438	0.50	3.500	14.500	7.250	0.50	3.731
27	16	12.375	11.138	0.90	3.077	12.000	10.800	0.90	3.250	11.625	10.463	0.90	3.442
27	18	13.250	10.335	0.78	3.134	12.875	10.043	0.78	3.308	12.438	9.702	0.78	3.538
27	20	14.250	9.405	0.66	3.231	13.938	9.199	0.66	3.384	13.563	8.952	0.66	3.615
27	22	15.188	8.202	0.54	3.308	14.875	8.033	0.54	3.500	14.500	7.830	0.54	3.731
28	16	12.375	11.633	0.94	3.077	12.000	11.280	0.94	3.250	11.625	10.928	0.94	3.442
28	18	13.250	10.865	0.82	3.134	12.875	10.558	0.82	3.308	12.438	10.199	0.82	3.538
28	20	14.250	9.975	0.70	3.231	13.938	9.757	0.70	3.384	13.563	9.494	0.70	3.615
28	22	15.188	8.809	0.58	3.308	14.875	8.628	0.58	3.500	14.500	8.410	0.58	3.731
30	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
30	18	13.250	11.925	0.90	3.134	12.875	11.588	0.90	3.308	12.438	11.194	0.90	3.538
30	20	14.250	11.115	0.78	3.231	13.938	10.872	0.78	3.384	13.563	10.579	0.78	3.615
30	22	15.188	10.024	0.66	3.308	14.875	9.818	0.66	3.500	14.500	9.570	0.66	3.731
32	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
32	18	13.250	12.985	0.98	3.134	12.875	12.618	0.98	3.308	12.438	12.189	0.98	3.538
32	20	14.250	12.255	0.86	3.231	13.938	11.987	0.86	3.384	13.563	11.664	0.86	3.615
32	22	15.188	11.239	0.74	3.308	14.875	11.008	0.74	3.500	14.500	10.730	0.74	3.731
34	16	12.375	12.375	1.00	3.077	12.000	12.000	1.00	3.250	11.625	11.625	1.00	3.442
34	18	13.250	13.250	1.00	3.134	12.875	12.875	1.00	3.308	12.438	12.438	1.00	3.538
34	20	14.250	13.395	0.94	3.231	13.938	13.102	0.94	3.384	13.563	12.749	0.94	3.615
34	22	15.188	12.454	0.82	3.308	14.875	12.198	0.82	3.500	14.500	11.890	0.82	3.731

CEILING-SUSPENDED
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.637	8.497	7.987	0.94	3.944	8.278	7.781	0.94	4.247
14	8	8.851	7.700	0.87	3.644	8.559	7.446	0.87	3.951	8.326	7.244	0.87	4.254
14	9	9.220	7.284	0.79	3.673	8.904	7.034	0.79	3.987	8.643	6.828	0.79	4.297
16	8	9.138	8.590	0.94	3.667	8.865	8.333	0.94	3.983	8.638	8.120	0.94	4.296
16	9	9.288	7.895	0.85	3.679	8.973	7.627	0.85	3.993	8.721	7.413	0.85	4.306
16	11	9.716	7.481	0.77	3.709	9.385	7.226	0.77	4.034	9.108	7.013	0.77	4.354
18	10	9.517	8.851	0.93	3.695	9.239	8.592	0.93	4.020	9.003	8.373	0.93	4.341
18	11	9.754	8.193	0.84	3.712	9.422	7.914	0.84	4.037	9.145	7.682	0.84	4.359
18	12	10.236	7.677	0.75	3.742	9.890	7.418	0.75	4.079	9.595	7.196	0.75	4.411
20	16	11.125	6.898	0.62	3.692	10.625	6.588	0.62	3.961	10.125	6.278	0.62	4.288
20	18	12.000	6.000	0.50	3.788	11.625	5.813	0.50	4.077	10.875	5.438	0.50	4.384
20	20	13.000	4.940	0.38	3.884	12.500	4.750	0.38	4.154	11.750	4.465	0.38	4.461
22	16	11.125	7.788	0.70	3.692	10.625	7.438	0.70	3.961	10.125	7.088	0.70	4.288
22	18	12.000	6.960	0.58	3.788	11.625	6.743	0.58	4.077	10.875	6.308	0.58	4.384
22	20	13.000	5.980	0.46	3.884	12.500	5.750	0.46	4.154	11.750	5.405	0.46	4.461
24	16	11.125	8.678	0.78	3.692	10.625	8.288	0.78	3.961	10.125	7.898	0.78	4.288
24	18	12.000	7.920	0.66	3.788	11.625	7.673	0.66	4.077	10.875	7.178	0.66	4.384
24	20	13.000	7.020	0.54	3.884	12.500	6.750	0.54	4.154	11.750	6.345	0.54	4.461
24	22	14.000	5.880	0.42	3.961	13.500	5.670	0.42	4.269	12.750	5.355	0.42	4.538
26	16	11.125	9.568	0.86	3.692	10.625	9.138	0.86	3.961	10.125	8.708	0.86	4.288
26	18	12.000	8.880	0.74	3.788	11.625	8.603	0.74	4.077	10.875	8.048	0.74	4.384
26	20	13.000	8.060	0.62	3.884	12.500	7.750	0.62	4.154	11.750	7.285	0.62	4.461
26	22	14.000	7.000	0.50	3.961	13.500	6.750	0.50	4.269	12.750	6.375	0.50	4.538
27	16	11.125	10.013	0.90	3.692	10.625	9.563	0.90	3.961	10.125	9.113	0.90	4.288
27	18	12.000	9.360	0.78	3.788	11.625	9.068	0.78	4.077	10.875	8.483	0.78	4.384
27	20	13.000	8.580	0.66	3.884	12.500	8.250	0.66	4.154	11.750	7.755	0.66	4.461
27	22	14.000	7.560	0.54	3.961	13.500	7.290	0.54	4.269	12.750	6.885	0.54	4.538
28	16	11.125	10.458	0.94	3.692	10.625	9.988	0.94	3.961	10.125	9.518	0.94	4.288
28	18	12.000	9.840	0.82	3.788	11.625	9.533	0.82	4.077	10.875	8.918	0.82	4.384
28	20	13.000	9.100	0.70	3.884	12.500	8.750	0.70	4.154	11.750	8.225	0.70	4.461
28	22	14.000	8.120	0.58	3.961	13.500	7.830	0.58	4.269	12.750	7.395	0.58	4.538
30	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
30	18	12.000	10.800	0.90	3.788	11.625	10.463	0.90	4.077	10.875	9.788	0.90	4.384
30	20	13.000	10.140	0.78	3.884	12.500	9.750	0.78	4.154	11.750	9.165	0.78	4.461
30	22	14.000	9.240	0.66	3.961	13.500	8.910	0.66	4.269	12.750	8.415	0.66	4.538
32	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
32	18	12.000	11.760	0.98	3.788	11.625	11.393	0.98	4.077	10.875	10.658	0.98	4.384
32	20	13.000	11.180	0.86	3.884	12.500	10.750	0.86	4.154	11.750	10.105	0.86	4.461
32	22	14.000	10.360	0.74	3.961	13.500	9.990	0.74	4.269	12.750	9.435	0.74	4.538
34	16	11.125	11.125	1.00	3.692	10.625	10.625	1.00	3.961	10.125	10.125	1.00	4.288
34	18	12.000	12.000	1.00	3.7								

COOLING CAPACITY
PCA-M140KA2 / PUZ-ZM140VKA2 PUZ-ZM140YKA2

CEILING-SUSPENDED PERFORMANCE DATA

Table with columns for Indoor intake air D.B./W.B., Outdoor intake air DB°C (20, 25, 30), and Cooling Capacity (CA, SHC, SHF, P.C. in kW).

Table with columns for Indoor intake air D.B./W.B., Outdoor intake air DB°C (35, 40, 45), and Cooling Capacity (CA, SHC, SHF, P.C. in kW).

When the indoor dry bulb temperature is lower than 20 °C, for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

- Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C) P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.961	0.70	0.720	4.050	2.835	0.70	0.756	3.888	2.722	0.70	0.792	3.744	2.621	0.70	0.828
21	20	4.410	2.558	0.58	0.756	4.230	2.453	0.58	0.801	4.104	2.380	0.58	0.819	3.960	2.297	0.58	0.855
22	18	4.230	3.130	0.74	0.720	4.050	2.997	0.74	0.756	3.888	2.877	0.74	0.792	3.744	2.771	0.74	0.828
22	20	4.410	2.734	0.62	0.756	4.230	2.623	0.62	0.801	4.104	2.544	0.62	0.819	3.960	2.455	0.62	0.855
22	22	4.590	2.295	0.50	0.783	4.428	2.214	0.50	0.833	4.320	2.160	0.50	0.855	4.140	2.070	0.50	0.891
23	18	4.230	3.299	0.78	0.720	4.050	3.159	0.78	0.756	3.888	3.033	0.78	0.792	3.744	2.920	0.78	0.828
23	20	4.410	2.911	0.66	0.756	4.230	2.792	0.66	0.801	4.104	2.709	0.66	0.819	3.960	2.614	0.66	0.855
23	22	4.590	2.479	0.54	0.783	4.428	2.391	0.54	0.833	4.320	2.333	0.54	0.855	4.140	2.236	0.54	0.891
24	18	4.230	3.469	0.82	0.720	4.050	3.321	0.82	0.756	3.888	3.188	0.82	0.792	3.744	3.070	0.82	0.828
24	20	4.410	3.087	0.70	0.756	4.230	2.961	0.70	0.801	4.104	2.873	0.70	0.819	3.960	2.772	0.70	0.855
24	22	4.590	2.662	0.58	0.783	4.428	2.568	0.58	0.833	4.320	2.506	0.58	0.855	4.140	2.401	0.58	0.891
24	24	4.824	2.219	0.46	0.819	4.644	2.136	0.46	0.864	4.536	2.087	0.46	0.891	4.392	2.020	0.46	0.936
25	20	4.410	3.263	0.74	0.756	4.230	3.130	0.74	0.801	4.104	3.037	0.74	0.819	3.960	2.930	0.74	0.855
25	22	4.590	2.846	0.62	0.783	4.428	2.745	0.62	0.833	4.320	2.678	0.62	0.855	4.140	2.567	0.62	0.891
25	24	4.824	2.412	0.50	0.819	4.644	2.322	0.50	0.864	4.536	2.268	0.50	0.891	4.392	2.196	0.50	0.936
26	18	4.230	3.807	0.90	0.720	4.050	3.645	0.90	0.756	3.888	3.499	0.90	0.792	3.744	3.370	0.90	0.828
26	20	4.410	3.440	0.78	0.756	4.230	3.299	0.78	0.801	4.104	3.201	0.78	0.819	3.960	3.089	0.78	0.855
26	22	4.590	3.029	0.66	0.783	4.428	2.922	0.66	0.833	4.320	2.851	0.66	0.855	4.140	2.732	0.66	0.891
26	24	4.824	2.605	0.54	0.819	4.644	2.508	0.54	0.864	4.536	2.449	0.54	0.891	4.392	2.372	0.54	0.936
26	26	4.968	2.087	0.42	0.864	4.824	2.026	0.42	0.909	4.752	1.996	0.42	0.936	4.608	1.935	0.42	0.963
27	18	4.230	3.976	0.94	0.720	4.050	3.807	0.94	0.756	3.888	3.655	0.94	0.792	3.744	3.519	0.94	0.828
27	20	4.410	3.616	0.82	0.756	4.230	3.469	0.82	0.801	4.104	3.365	0.82	0.819	3.960	3.247	0.82	0.855
27	22	4.590	3.213	0.70	0.783	4.428	3.100	0.70	0.833	4.320	3.024	0.70	0.855	4.140	2.898	0.70	0.891
27	24	4.824	2.798	0.58	0.819	4.644	2.694	0.58	0.864	4.536	2.631	0.58	0.891	4.392	2.547	0.58	0.936
27	26	4.968	2.285	0.46	0.864	4.824	2.219	0.46	0.909	4.752	2.186	0.46	0.936	4.608	2.120	0.46	0.963
28	18	4.230	4.145	0.98	0.720	4.050	3.969	0.98	0.756	3.888	3.810	0.98	0.792	3.744	3.669	0.98	0.828
28	20	4.410	3.793	0.86	0.756	4.230	3.638	0.86	0.801	4.104	3.529	0.86	0.819	3.960	3.406	0.86	0.855
28	22	4.590	3.397	0.74	0.783	4.428	3.277	0.74	0.833	4.320	3.197	0.74	0.855	4.140	3.064	0.74	0.891
28	24	4.824	2.991	0.62	0.819	4.644	2.879	0.62	0.864	4.536	2.812	0.62	0.891	4.392	2.723	0.62	0.936
28	26	4.968	2.484	0.50	0.864	4.824	2.412	0.50	0.909	4.752	2.376	0.50	0.936	4.608	2.304	0.50	0.963
29	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
29	20	4.410	3.969	0.90	0.756	4.230	3.807	0.90	0.801	4.104	3.694	0.90	0.819	3.960	3.564	0.90	0.855
29	22	4.590	3.580	0.78	0.783	4.428	3.454	0.78	0.833	4.320	3.370	0.78	0.855	4.140	3.229	0.78	0.891
29	24	4.824	3.184	0.66	0.819	4.644	3.065	0.66	0.864	4.536	2.994	0.66	0.891	4.392	2.899	0.66	0.936
29	26	4.968	2.683	0.54	0.864	4.824	2.605	0.54	0.909	4.752	2.566	0.54	0.936	4.608	2.488	0.54	0.963
30	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
30	20	4.410	4.145	0.94	0.756	4.230	3.976	0.94	0.801	4.104	3.858	0.94	0.819	3.960	3.722	0.94	0.855
30	22	4.590	3.764	0.82	0.783	4.428	3.631	0.82	0.833	4.320	3.542	0.82	0.855	4.140	3.395	0.82	0.891
30	24	4.824	3.377	0.70	0.819	4.644	3.251	0.70	0.864	4.536	3.175	0.70	0.891	4.392	3.074	0.70	0.936
30	26	4.968	2.881	0.58	0.864	4.824	2.798	0.58	0.909	4.752	2.756	0.58	0.936	4.608	2.673	0.58	0.963
31	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
31	20	4.410	4.322	0.98	0.756	4.230	4.145	0.98	0.801	4.104	4.022	0.98	0.819	3.960	3.881	0.98	0.855
31	22	4.590	3.947	0.86	0.783	4.428	3.808	0.86	0.833	4.320	3.715	0.86	0.855	4.140	3.560	0.86	0.891
31	24	4.824	3.570	0.74	0.819	4.644	3.437	0.74	0.864	4.536	3.357	0.74	0.891	4.392	3.250	0.74	0.936
31	26	4.968	3.080	0.62	0.864	4.824	2.991	0.62	0.909	4.752	2.946	0.62	0.936	4.608	2.857	0.62	0.963
32	18	4.230	4.230	1.00	0.720	4.050	4.050	1.00	0.756	3.888	3.888	1.00	0.792	3.744	3.744	1.00	0.828
32	20	4.410	4.410	1.00	0.756	4.230	4.230	1.00	0.801	4.104	4.104	1.00	0.819	3.960	3.960	1.00	0.855
32	22	4.590	4.131	0.90	0.783	4.428	3.985	0.90	0.833	4.320	3.888	0.90	0.855	4.140	3.726	0.90	0.891
32	24	4.824	3.763	0.78	0.819	4.644	3.622	0.78	0.864	4.536	3.538	0.78	0.891	4.392	3.426	0.78	0.936
32	26	4.968	3.279	0.66	0.864	4.824	3.184	0.66	0.909	4.752	3.136	0.66	0.936	4.608	3.041	0.66	0.963

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-M35VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.470	0.70	0.882	3.240	2.268	0.70	0.936	2.988	2.092	0.70	0.972
21	20	3.708	2.151	0.58	0.918	3.456	2.004	0.58	0.963	3.204	1.858	0.58	1.017
22	18	3.528	2.611	0.74	0.882	3.240	2.398	0.74	0.936	2.988	2.211	0.74	0.972
22	20	3.708	2.299	0.62	0.918	3.456	2.143	0.62	0.963	3.204	1.986	0.62	1.017
22	22	3.924	1.962	0.50	0.954	3.672	1.836	0.50	1.008	3.420	1.710	0.50	1.044
23	18	3.528	2.752	0.78	0.882	3.240	2.527	0.78	0.936	2.988	2.331	0.78	0.972
23	20	3.708	2.447	0.66	0.918	3.456	2.281	0.66	0.963	3.204	2.115	0.66	1.017
23	22	3.924	2.119	0.54	0.954	3.672	1.983	0.54	1.008	3.420	1.847	0.54	1.044
24	18	3.528	2.893	0.82	0.882	3.240	2.657	0.82	0.936	2.988	2.450	0.82	0.972
24	20	3.708	2.596	0.70	0.918	3.456	2.419	0.70	0.963	3.204	2.243	0.70	1.017
24	22	3.924	2.276	0.58	0.954	3.672	2.130	0.58	1.008	3.420	1.984	0.58	1.044
24	24	4.140	1.904	0.46	0.990	3.888	1.788	0.46	1.035	3.672	1.689	0.46	1.080
25	20	3.708	2.744	0.74	0.918	3.456	2.557	0.74	0.963	3.204	2.371	0.74	1.017
25	22	3.924	2.433	0.62	0.954	3.672	2.277	0.62	1.008	3.420	2.120	0.62	1.044
25	24	4.140	2.070	0.50	0.990	3.888	1.944	0.50	1.035	3.672	1.836	0.50	1.080
26	18	3.528	3.175	0.90	0.882	3.240	2.916	0.90	0.936	2.988	2.689	0.90	0.972
26	20	3.708	2.892	0.78	0.918	3.456	2.696	0.78	0.963	3.204	2.499	0.78	1.017
26	22	3.924	2.590	0.66	0.954	3.672	2.424	0.66	1.008	3.420	2.257	0.66	1.044
26	24	4.140	2.236	0.54	0.990	3.888	2.100	0.54	1.035	3.672	1.983	0.54	1.080
26	26	4.356	1.830	0.42	1.026	4.104	1.724	0.42	1.071	3.852	1.618	0.42	1.116
27	18	3.528	3.316	0.94	0.882	3.240	3.046	0.94	0.936	2.988	2.809	0.94	0.972
27	20	3.708	3.041	0.82	0.918	3.456	2.834	0.82	0.963	3.204	2.627	0.82	1.017
27	22	3.924	2.747	0.70	0.954	3.672	2.570	0.70	1.008	3.420	2.394	0.70	1.044
27	24	4.140	2.401	0.58	0.990	3.888	2.255	0.58	1.035	3.672	2.130	0.58	1.080
27	26	4.356	2.004	0.46	1.026	4.104	1.888	0.46	1.071	3.852	1.772	0.46	1.116
28	18	3.528	3.457	0.98	0.882	3.240	3.175	0.98	0.936	2.988	2.928	0.98	0.972
28	20	3.708	3.189	0.86	0.918	3.456	2.972	0.86	0.963	3.204	2.755	0.86	1.017
28	22	3.924	2.904	0.74	0.954	3.672	2.717	0.74	1.008	3.420	2.531	0.74	1.044
28	24	4.140	2.567	0.62	0.990	3.888	2.411	0.62	1.035	3.672	2.277	0.62	1.080
28	26	4.356	2.178	0.50	1.026	4.104	2.052	0.50	1.071	3.852	1.926	0.50	1.116
29	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
29	20	3.708	3.337	0.90	0.918	3.456	3.110	0.90	0.963	3.204	2.884	0.90	1.017
29	22	3.924	3.061	0.78	0.954	3.672	2.864	0.78	1.008	3.420	2.668	0.78	1.044
29	24	4.140	2.732	0.66	0.990	3.888	2.566	0.66	1.035	3.672	2.424	0.66	1.080
29	26	4.356	2.352	0.54	1.026	4.104	2.216	0.54	1.071	3.852	2.080	0.54	1.116
30	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
30	20	3.708	3.486	0.94	0.918	3.456	3.249	0.94	0.963	3.204	3.012	0.94	1.017
30	22	3.924	3.218	0.82	0.954	3.672	3.011	0.82	1.008	3.420	2.804	0.82	1.044
30	24	4.140	2.898	0.70	0.990	3.888	2.722	0.70	1.035	3.672	2.570	0.70	1.080
30	26	4.356	2.526	0.58	1.026	4.104	2.380	0.58	1.071	3.852	2.234	0.58	1.116
31	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
31	20	3.708	3.634	0.98	0.918	3.456	3.387	0.98	0.963	3.204	3.140	0.98	1.017
31	22	3.924	3.375	0.86	0.954	3.672	3.158	0.86	1.008	3.420	2.941	0.86	1.044
31	24	4.140	3.064	0.74	0.990	3.888	2.877	0.74	1.035	3.672	2.717	0.74	1.080
31	26	4.356	2.701	0.62	1.026	4.104	2.544	0.62	1.071	3.852	2.388	0.62	1.116
32	18	3.528	3.528	1.00	0.882	3.240	3.240	1.00	0.936	2.988	2.988	1.00	0.972
32	20	3.708	3.708	1.00	0.918	3.456	3.456	1.00	0.963	3.204	3.204	1.00	1.017
32	22	3.924	3.532	0.90	0.954	3.672	3.305	0.90	1.008	3.420	3.078	0.90	1.044
32	24	4.140	3.229	0.78	0.990	3.888	3.033	0.78	1.035	3.672	2.864	0.78	1.080
32	26	4.356	2.875	0.66	1.026	4.104	2.709	0.66	1.071	3.852	2.542	0.66	1.116

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.584	0.61	1.212	5.625	3.431	0.61	1.273	5.400	3.294	0.61	1.333	5.200	3.172	0.61	1.394
21	20	6.125	3.001	0.49	1.273	5.875	2.879	0.49	1.348	5.700	2.793	0.49	1.379	5.500	2.695	0.49	1.439
22	18	5.875	3.819	0.65	1.212	5.625	3.656	0.65	1.273	5.400	3.510	0.65	1.333	5.200	3.380	0.65	1.394
22	20	6.125	3.246	0.53	1.273	5.875	3.114	0.53	1.348	5.700	3.021	0.53	1.379	5.500	2.915	0.53	1.439
22	22	6.375	2.614	0.41	1.318	6.150	2.522	0.41	1.401	6.000	2.460	0.41	1.439	5.750	2.358	0.41	1.500
23	18	5.875	4.054	0.69	1.212	5.625	3.881	0.69	1.273	5.400	3.726	0.69	1.333	5.200	3.588	0.69	1.394
23	20	6.125	3.491	0.57	1.273	5.875	3.349	0.57	1.348	5.700	3.249	0.57	1.379	5.500	3.135	0.57	1.439
23	22	6.375	2.869	0.45	1.318	6.150	2.768	0.45	1.401	6.000	2.700	0.45	1.439	5.750	2.588	0.45	1.500
24	18	5.875	4.289	0.73	1.212	5.625	4.106	0.73	1.273	5.400	3.942	0.73	1.333	5.200	3.796	0.73	1.394
24	20	6.125	3.736	0.61	1.273	5.875	3.584	0.61	1.348	5.700	3.477	0.61	1.379	5.500	3.355	0.61	1.439
24	22	6.375	3.124	0.49	1.318	6.150	3.014	0.49	1.401	6.000	2.940	0.49	1.439	5.750	2.818	0.49	1.500
24	24	6.700	2.479	0.37	1.379	6.450	2.387	0.37	1.454	6.300	2.331	0.37	1.500	6.100	2.257	0.37	1.576
25	20	6.125	3.981	0.65	1.273	5.875	3.819	0.65	1.348	5.700	3.705	0.65	1.379	5.500	3.575	0.65	1.439
25	22	6.375	3.379	0.53	1.318	6.150	3.260	0.53	1.401	6.000	3.180	0.53	1.439	5.750	3.048	0.53	1.500
25	24	6.700	2.747	0.41	1.379	6.450	2.645	0.41	1.454	6.300	2.583	0.41	1.500	6.100	2.501	0.41	1.576
26	18	5.875	4.759	0.81	1.212	5.625	4.556	0.81	1.273	5.400	4.374	0.81	1.333	5.200	4.212	0.81	1.394
26	20	6.125	4.226	0.69	1.273	5.875	4.054	0.69	1.348	5.700	3.933	0.69	1.379	5.500	3.795	0.69	1.439
26	22	6.375	3.634	0.57	1.318	6.150	3.506	0.57	1.401	6.000	3.420	0.57	1.439	5.750	3.278	0.57	1.500
26	24	6.700	3.015	0.45	1.379	6.450	2.903	0.45	1.454	6.300	2.835	0.45	1.500	6.100	2.745	0.45	1.576
26	26	6.900	2.277	0.33	1.454	6.700	2.211	0.33	1.530	6.600	2.178	0.33	1.576	6.400	2.112	0.33	1.621
27	18	5.875	4.994	0.85	1.212	5.625	4.781	0.85	1.273	5.400	4.590	0.85	1.333	5.200	4.420	0.85	1.394
27	20	6.125	4.471	0.73	1.273	5.875	4.289	0.73	1.348	5.700	4.161	0.73	1.379	5.500	4.015	0.73	1.439
27	22	6.375	3.889	0.61	1.318	6.150	3.752	0.61	1.401	6.000	3.660	0.61	1.439	5.750	3.508	0.61	1.500
27	24	6.700	3.283	0.49	1.379	6.450	3.161	0.49	1.454	6.300	3.087	0.49	1.500	6.100	2.989	0.49	1.576
27	26	6.900	2.553	0.37	1.454	6.700	2.479	0.37	1.530	6.600	2.442	0.37	1.576	6.400	2.368	0.37	1.621
28	18	5.875	5.229	0.89	1.212	5.625	5.006	0.89	1.273	5.400	4.806	0.89	1.333	5.200	4.628	0.89	1.394
28	20	6.125	4.716	0.77	1.273	5.875	4.524	0.77	1.348	5.700	4.389	0.77	1.379	5.500	4.235	0.77	1.439
28	22	6.375	4.144	0.65	1.318	6.150	3.998	0.65	1.401	6.000	3.900	0.65	1.439	5.750	3.738	0.65	1.500
28	24	6.700	3.551	0.53	1.379	6.450	3.419	0.53	1.454	6.300	3.339	0.53	1.500	6.100	3.233	0.53	1.576
28	26	6.900	2.829	0.41	1.454	6.700	2.747	0.41	1.530	6.600	2.706	0.41	1.576	6.400	2.624	0.41	1.621
29	18	5.875	5.464	0.93	1.212	5.625	5.231	0.93	1.273	5.400	5.022	0.93	1.333	5.200	4.836	0.93	1.394
29	20	6.125	4.961	0.81	1.273	5.875	4.759	0.81	1.348	5.700	4.617	0.81	1.379	5.500	4.455	0.81	1.439
29	22	6.375	4.399	0.69	1.318	6.150	4.244	0.69	1.401	6.000	4.140	0.69	1.439	5.750	3.968	0.69	1.500
29	24	6.700	3.819	0.57	1.379	6.450	3.677	0.57	1.454	6.300	3.591	0.57	1.500	6.100	3.477	0.57	1.576
29	26	6.900	3.105	0.45	1.454	6.700	3.015	0.45	1.530	6.600	2.970	0.45	1.576	6.400	2.880	0.45	1.621
30	18	5.875	5.699	0.97	1.212	5.625	5.456	0.97	1.273	5.400	5.238	0.97	1.333	5.200	5.044	0.97	1.394
30	20	6.125	5.206	0.85	1.273	5.875	4.994	0.85	1.348	5.700	4.845	0.85	1.379	5.500	4.675	0.85	1.439
30	22	6.375	4.654	0.73	1.318	6.150	4.490	0.73	1.401	6.000	4.380	0.73	1.439	5.750	4.198	0.73	1.500
30	24	6.700	4.087	0.61	1.379	6.450	3.935	0.61	1.454	6.300	3.843	0.61	1.500	6.100	3.721	0.61	1.576
30	26	6.900	3.381	0.49	1.454	6.700	3.283	0.49	1.530	6.600	3.234	0.49	1.576	6.400	3.136	0.49	1.621
31	18	5.875	5.875	1.00	1.212	5.625	5.625	1.00	1.273	5.400	5.400	1.00	1.333	5.200	5.200	1.00	1.394
31	20	6.125	5.451	0.89	1.273	5.875	5.229	0.89	1.348	5.700	5.073	0.89	1.379	5.500	4.895	0.89	1.439
31	22	6.375	4.909	0.77	1.318	6.150	4.736	0.77	1.401	6.000	4.620	0.77	1.439	5.750	4.428	0.77	1.500
31	24	6.700	4.355	0.65	1.379	6.450	4.193	0.65	1.454	6.300	4.095	0.65	1.500	6.100	3.965	0.65	1.576
31	26	6.900	3.657	0.53	1.454	6.700	3.551	0.53	1.530	6.600	3.498	0.53	1.576	6.400	3.392	0.53	1.621
32	18	5.875	5.875	1.00	1.212	5.625	5.625	1.00	1.273	5.400	5.400	1.00	1.333	5.200	5.200	1.00	1.394
32	20	6.125	5.696	0.93	1.273	5.875	5.464	0.93	1.348	5.700	5.301	0.93	1.379	5.500	5.115	0.93	1.439
32	22	6.375	5.164	0.81	1.318	6.150	4.982	0.81	1.401	6.000	4.860	0.81	1.439	5.750	4.658	0.81	1.500
32	24	6.700	4.623	0.69	1.379	6.450	4.451	0.69	1.454	6.300	4.347	0.69	1.500	6.100	4.209	0.69	1.576
32	26	6.900	3.933	0.57	1.454	6.700	3.819	0.57	1.530	6.600	3.762	0.57	1.576	6.400	3.648	0.57	1.621

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-M50VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.989	0.61	1.485	4.500	2.745	0.61	1.576	4.150	2.532	0.61	1.636
21	20	5.150	2.524	0.49	1.545	4.800	2.352	0.49	1.621	4.450	2.181	0.49	1.712
22	18	4.900	3.185	0.65	1.485	4.500	2.925	0.65	1.576	4.150	2.698	0.65	1.636
22	20	5.150	2.730	0.53	1.545	4.800	2.544	0.53	1.621	4.450	2.359	0.53	1.712
22	22	5.450	2.235	0.41	1.606	5.100	2.091	0.41	1.697	4.750	1.948	0.41	1.757
23	18	4.900	3.381	0.69	1.485	4.500	3.105	0.69	1.576	4.150	2.864	0.69	1.636
23	20	5.150	2.936	0.57	1.545	4.800	2.736	0.57	1.621	4.450	2.537	0.57	1.712
23	22	5.450	2.453	0.45	1.606	5.100	2.295	0.45	1.697	4.750	2.138	0.45	1.757
24	18	4.900	3.577	0.73	1.485	4.500	3.285	0.73	1.576	4.150	3.030	0.73	1.636
24	20	5.150	3.142	0.61	1.545	4.800	2.928	0.61	1.621	4.450	2.715	0.61	1.712
24	22	5.450	2.671	0.49	1.606	5.100	2.499	0.49	1.697	4.750	2.328	0.49	1.757
24	24	5.750	2.128	0.37	1.667	5.400	1.998	0.37	1.742	5.100	1.887	0.37	1.818
25	20	5.150	3.348	0.65	1.545	4.800	3.120	0.65	1.621	4.450	2.893	0.65	1.712
25	22	5.450	2.889	0.53	1.606	5.100	2.703	0.53	1.697	4.750	2.518	0.53	1.757
25	24	5.750	2.358	0.41	1.667	5.400	2.214	0.41	1.742	5.100	2.091	0.41	1.818
26	18	4.900	3.969	0.81	1.485	4.500	3.645	0.81	1.576	4.150	3.362	0.81	1.636
26	20	5.150	3.554	0.69	1.545	4.800	3.312	0.69	1.621	4.450	3.071	0.69	1.712
26	22	5.450	3.107	0.57	1.606	5.100	2.907	0.57	1.697	4.750	2.708	0.57	1.757
26	24	5.750	2.588	0.45	1.667	5.400	2.430	0.45	1.742	5.100	2.295	0.45	1.818
26	26	6.050	1.997	0.33	1.727	5.700	1.881	0.33	1.803	5.350	1.766	0.33	1.879
27	18	4.900	4.165	0.85	1.485	4.500	3.825	0.85	1.576	4.150	3.528	0.85	1.636
27	20	5.150	3.760	0.73	1.545	4.800	3.504	0.73	1.621	4.450	3.249	0.73	1.712
27	22	5.450	3.325	0.61	1.606	5.100	3.111	0.61	1.697	4.750	2.898	0.61	1.757
27	24	5.750	2.818	0.49	1.667	5.400	2.646	0.49	1.742	5.100	2.499	0.49	1.818
27	26	6.050	2.239	0.37	1.727	5.700	2.109	0.37	1.803	5.350	1.980	0.37	1.879
28	18	4.900	4.361	0.89	1.485	4.500	4.005	0.89	1.576	4.150	3.694	0.89	1.636
28	20	5.150	3.966	0.77	1.545	4.800	3.696	0.77	1.621	4.450	3.427	0.77	1.712
28	22	5.450	3.543	0.65	1.606	5.100	3.315	0.65	1.697	4.750	3.088	0.65	1.757
28	24	5.750	3.048	0.53	1.667	5.400	2.862	0.53	1.742	5.100	2.703	0.53	1.818
28	26	6.050	2.481	0.41	1.727	5.700	2.337	0.41	1.803	5.350	2.194	0.41	1.879
29	18	4.900	4.557	0.93	1.485	4.500	4.185	0.93	1.576	4.150	3.860	0.93	1.636
29	20	5.150	4.172	0.81	1.545	4.800	3.888	0.81	1.621	4.450	3.605	0.81	1.712
29	22	5.450	3.761	0.69	1.606	5.100	3.519	0.69	1.697	4.750	3.278	0.69	1.757
29	24	5.750	3.278	0.57	1.667	5.400	3.078	0.57	1.742	5.100	2.907	0.57	1.818
29	26	6.050	2.723	0.45	1.727	5.700	2.565	0.45	1.803	5.350	2.408	0.45	1.879
30	18	4.900	4.753	0.97	1.485	4.500	4.365	0.97	1.576	4.150	4.026	0.97	1.636
30	20	5.150	4.378	0.85	1.545	4.800	4.080	0.85	1.621	4.450	3.783	0.85	1.712
30	22	5.450	3.979	0.73	1.606	5.100	3.723	0.73	1.697	4.750	3.468	0.73	1.757
30	24	5.750	3.508	0.61	1.667	5.400	3.294	0.61	1.742	5.100	3.111	0.61	1.818
30	26	6.050	2.965	0.49	1.727	5.700	2.793	0.49	1.803	5.350	2.622	0.49	1.879
31	18	4.900	4.900	1.00	1.485	4.500	4.500	1.00	1.576	4.150	4.150	1.00	1.636
31	20	5.150	4.584	0.89	1.545	4.800	4.272	0.89	1.621	4.450	3.961	0.89	1.712
31	22	5.450	4.197	0.77	1.606	5.100	3.927	0.77	1.697	4.750	3.658	0.77	1.757
31	24	5.750	3.738	0.65	1.667	5.400	3.510	0.65	1.742	5.100	3.315	0.65	1.818
31	26	6.050	3.207	0.53	1.727	5.700	3.021	0.53	1.803	5.350	2.836	0.53	1.879
32	18	4.900	4.900	1.00	1.485	4.500	4.500	1.00	1.576	4.150	4.150	1.00	1.636
32	20	5.150	4.790	0.93	1.545	4.800	4.464	0.93	1.621	4.450	4.139	0.93	1.712
32	22	5.450	4.415	0.81	1.606	5.100	4.131	0.81	1.697	4.750	3.848	0.81	1.757
32	24	5.750	3.968	0.69	1.667	5.400	3.726	0.69	1.742	5.100	3.519	0.69	1.818
32	26	6.050	3.449	0.57	1.727	5.700	3.249	0.57	1.803	5.350	3.050	0.57	1.879

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.516	0.63	1.318	6.863	4.324	0.63	1.384	6.588	4.150	0.63	1.450	6.344	3.997	0.63	1.516
21	20	7.473	3.811	0.51	1.384	7.168	3.656	0.51	1.467	6.954	3.547	0.51	1.500	6.710	3.422	0.51	1.566
22	18	7.168	4.803	0.67	1.318	6.863	4.598	0.67	1.384	6.588	4.414	0.67	1.450	6.344	4.250	0.67	1.516
22	20	7.473	4.110	0.55	1.384	7.168	3.942	0.55	1.467	6.954	3.825	0.55	1.500	6.710	3.691	0.55	1.566
22	22	7.778	3.345	0.43	1.434	7.503	3.226	0.43	1.524	7.320	3.148	0.43	1.566	7.015	3.016	0.43	1.632
23	18	7.168	5.089	0.71	1.318	6.863	4.873	0.71	1.384	6.588	4.677	0.71	1.450	6.344	4.504	0.71	1.516
23	20	7.473	4.409	0.59	1.384	7.168	4.229	0.59	1.467	6.954	4.103	0.59	1.500	6.710	3.959	0.59	1.566
23	22	7.778	3.656	0.47	1.434	7.503	3.526	0.47	1.524	7.320	3.440	0.47	1.566	7.015	3.297	0.47	1.632
24	18	7.168	5.376	0.75	1.318	6.863	5.147	0.75	1.384	6.588	4.941	0.75	1.450	6.344	4.758	0.75	1.516
24	20	7.473	4.708	0.63	1.384	7.168	4.516	0.63	1.467	6.954	4.381	0.63	1.500	6.710	4.227	0.63	1.566
24	22	7.778	3.967	0.51	1.434	7.503	3.827	0.51	1.524	7.320	3.733	0.51	1.566	7.015	3.578	0.51	1.632
24	24	8.174	3.188	0.39	1.500	7.869	3.069	0.39	1.582	7.686	2.998	0.39	1.632	7.442	2.902	0.39	1.714
25	20	7.473	5.007	0.67	1.384	7.168	4.803	0.67	1.467	6.954	4.659	0.67	1.500	6.710	4.496	0.67	1.566
25	22	7.778	4.278	0.55	1.434	7.503	4.127	0.55	1.524	7.320	4.026	0.55	1.566	7.015	3.858	0.55	1.632
25	24	8.174	3.515	0.43	1.500	7.869	3.384	0.43	1.582	7.686	3.305	0.43	1.632	7.442	3.200	0.43	1.714
26	18	7.168	5.949	0.83	1.318	6.863	5.696	0.83	1.384	6.588	5.468	0.83	1.450	6.344	5.266	0.83	1.516
26	20	7.473	5.306	0.71	1.384	7.168	5.089	0.71	1.467	6.954	4.937	0.71	1.500	6.710	4.764	0.71	1.566
26	22	7.778	4.589	0.59	1.434	7.503	4.427	0.59	1.524	7.320	4.319	0.59	1.566	7.015	4.139	0.59	1.632
26	24	8.174	3.842	0.47	1.500	7.869	3.698	0.47	1.582	7.686	3.612	0.47	1.632	7.442	3.498	0.47	1.714
26	26	8.418	2.946	0.35	1.582	8.174	2.861	0.35	1.664	8.052	2.818	0.35	1.714	7.808	2.733	0.35	1.763
27	18	7.168	6.236	0.87	1.318	6.863	5.971	0.87	1.384	6.588	5.732	0.87	1.450	6.344	5.519	0.87	1.516
27	20	7.473	5.605	0.75	1.384	7.168	5.376	0.75	1.467	6.954	5.216	0.75	1.500	6.710	5.033	0.75	1.566
27	22	7.778	4.900	0.63	1.434	7.503	4.727	0.63	1.524	7.320	4.612	0.63	1.566	7.015	4.419	0.63	1.632
27	24	8.174	4.169	0.51	1.500	7.869	4.013	0.51	1.582	7.686	3.920	0.51	1.632	7.442	3.795	0.51	1.714
27	26	8.418	3.283	0.39	1.582	8.174	3.188	0.39	1.664	8.052	3.140	0.39	1.714	7.808	3.045	0.39	1.763
28	18	7.168	6.523	0.91	1.318	6.863	6.245	0.91	1.384	6.588	5.995	0.91	1.450	6.344	5.773	0.91	1.516
28	20	7.473	5.904	0.79	1.384	7.168	5.663	0.79	1.467	6.954	5.494	0.79	1.500	6.710	5.301	0.79	1.566
28	22	7.778	5.211	0.67	1.434	7.503	5.027	0.67	1.524	7.320	4.904	0.67	1.566	7.015	4.700	0.67	1.632
28	24	8.174	4.496	0.55	1.500	7.869	4.328	0.55	1.582	7.686	4.227	0.55	1.632	7.442	4.093	0.55	1.714
28	26	8.418	3.620	0.43	1.582	8.174	3.515	0.43	1.664	8.052	3.462	0.43	1.714	7.808	3.357	0.43	1.763
29	18	7.168	6.810	0.95	1.318	6.863	6.520	0.95	1.384	6.588	6.259	0.95	1.450	6.344	6.027	0.95	1.516
29	20	7.473	6.203	0.83	1.384	7.168	5.949	0.83	1.467	6.954	5.772	0.83	1.500	6.710	5.569	0.83	1.566
29	22	7.778	5.522	0.71	1.434	7.503	5.327	0.71	1.524	7.320	5.197	0.71	1.566	7.015	4.981	0.71	1.632
29	24	8.174	4.823	0.59	1.500	7.869	4.643	0.59	1.582	7.686	4.535	0.59	1.632	7.442	4.391	0.59	1.714
29	26	8.418	3.956	0.47	1.582	8.174	3.842	0.47	1.664	8.052	3.784	0.47	1.714	7.808	3.670	0.47	1.763
30	18	7.168	7.096	0.99	1.318	6.863	6.794	0.99	1.384	6.588	6.522	0.99	1.450	6.344	6.281	0.99	1.516
30	20	7.473	6.502	0.87	1.384	7.168	6.236	0.87	1.467	6.954	6.050	0.87	1.500	6.710	5.838	0.87	1.566
30	22	7.778	5.834	0.75	1.434	7.503	5.627	0.75	1.524	7.320	5.490	0.75	1.566	7.015	5.261	0.75	1.632
30	24	8.174	5.150	0.63	1.500	7.869	4.957	0.63	1.582	7.686	4.842	0.63	1.632	7.442	4.688	0.63	1.714
30	26	8.418	4.293	0.51	1.582	8.174	4.169	0.51	1.664	8.052	4.107	0.51	1.714	7.808	3.982	0.51	1.763
31	18	7.168	7.168	1.00	1.318	6.863	6.863	1.00	1.384	6.588	6.588	1.00	1.450	6.344	6.344	1.00	1.516
31	20	7.473	6.800	0.91	1.384	7.168	6.523	0.91	1.467	6.954	6.328	0.91	1.500	6.710	6.106	0.91	1.566
31	22	7.778	6.145	0.79	1.434	7.503	5.927	0.79	1.524	7.320	5.783	0.79	1.566	7.015	5.542	0.79	1.632
31	24	8.174	5.477	0.67	1.500	7.869	5.272	0.67	1.582	7.686	5.150	0.67	1.632	7.442	4.986	0.67	1.714
31	26	8.418	4.630	0.55	1.582	8.174	4.496	0.55	1.664	8.052	4.429	0.55	1.714	7.808	4.294	0.55	1.763
32	18	7.168	7.168	1.00	1.318	6.863	6.863	1.00	1.384	6.588	6.588	1.00	1.450	6.344	6.344	1.00	1.516
32	20	7.473	7.099	0.95	1.384	7.168	6.810	0.95	1.467	6.954	6.606	0.95	1.500	6.710	6.375	0.95	1.566
32	22	7.778	6.456	0.83	1.434	7.503	6.227	0.83	1.524	7.320	6.076	0.83	1.566	7.015	5.822	0.83	1.632
32	24	8.174	5.804	0.71	1.500	7.869	5.587	0.71	1.582	7.686	5.457	0.71	1.632	7.442	5.284	0.71	1.714
32	26	8.418	4.967	0.59	1.582	8.174	4.823	0.59	1.664	8.052	4.751	0.59	1.714	7.808	4.607	0.59	1.763

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-M60VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.766	0.63	1.615	5.490	3.459	0.63	1.714	5.063	3.190	0.63	1.780
21	20	6.283	3.204	0.51	1.681	5.856	2.987	0.51	1.763	5.429	2.769	0.51	1.862
22	18	5.978	4.005	0.67	1.615	5.490	3.678	0.67	1.714	5.063	3.392	0.67	1.780
22	20	6.283	3.456	0.55	1.681	5.856	3.221	0.55	1.763	5.429	2.986	0.55	1.862
22	22	6.649	2.859	0.43	1.747	6.222	2.675	0.43	1.846	5.795	2.492	0.43	1.912
23	18	5.978	4.244	0.71	1.615	5.490	3.898	0.71	1.714	5.063	3.595	0.71	1.780
23	20	6.283	3.707	0.59	1.681	5.856	3.455	0.59	1.763	5.429	3.203	0.59	1.862
23	22	6.649	3.125	0.47	1.747	6.222	2.924	0.47	1.846	5.795	2.724	0.47	1.912
24	18	5.978	4.484	0.75	1.615	5.490	4.118	0.75	1.714	5.063	3.797	0.75	1.780
24	20	6.283	3.958	0.63	1.681	5.856	3.689	0.63	1.763	5.429	3.420	0.63	1.862
24	22	6.649	3.391	0.51	1.747	6.222	3.173	0.51	1.846	5.795	2.955	0.51	1.912
24	24	7.015	2.736	0.39	1.813	6.588	2.569	0.39	1.895	6.222	2.427	0.39	1.978
25	20	6.283	4.210	0.67	1.681	5.856	3.924	0.67	1.763	5.429	3.637	0.67	1.862
25	22	6.649	3.657	0.55	1.747	6.222	3.422	0.55	1.846	5.795	3.187	0.55	1.912
25	24	7.015	3.016	0.43	1.813	6.588	2.833	0.43	1.895	6.222	2.675	0.43	1.978
26	18	5.978	4.962	0.83	1.615	5.490	4.557	0.83	1.714	5.063	4.202	0.83	1.780
26	20	6.283	4.461	0.71	1.681	5.856	4.158	0.71	1.763	5.429	3.855	0.71	1.862
26	22	6.649	3.923	0.59	1.747	6.222	3.671	0.59	1.846	5.795	3.419	0.59	1.912
26	24	7.015	3.297	0.47	1.813	6.588	3.096	0.47	1.895	6.222	2.924	0.47	1.978
26	26	7.381	2.583	0.35	1.879	6.954	2.434	0.35	1.961	6.527	2.284	0.35	2.044
27	18	5.978	5.201	0.87	1.615	5.490	4.776	0.87	1.714	5.063	4.405	0.87	1.780
27	20	6.283	4.712	0.75	1.681	5.856	4.392	0.75	1.763	5.429	4.072	0.75	1.862
27	22	6.649	4.189	0.63	1.747	6.222	3.920	0.63	1.846	5.795	3.651	0.63	1.912
27	24	7.015	3.578	0.51	1.813	6.588	3.360	0.51	1.895	6.222	3.173	0.51	1.978
27	26	7.381	2.879	0.39	1.879	6.954	2.712	0.39	1.961	6.527	2.546	0.39	2.044
28	18	5.978	5.440	0.91	1.615	5.490	4.996	0.91	1.714	5.063	4.607	0.91	1.780
28	20	6.283	4.964	0.79	1.681	5.856	4.626	0.79	1.763	5.429	4.289	0.79	1.862
28	22	6.649	4.455	0.67	1.747	6.222	4.169	0.67	1.846	5.795	3.883	0.67	1.912
28	24	7.015	3.858	0.55	1.813	6.588	3.623	0.55	1.895	6.222	3.422	0.55	1.978
28	26	7.381	3.174	0.43	1.879	6.954	2.990	0.43	1.961	6.527	2.807	0.43	2.044
29	18	5.978	5.679	0.95	1.615	5.490	5.216	0.95	1.714	5.063	4.810	0.95	1.780
29	20	6.283	5.215	0.83	1.681	5.856	4.860	0.83	1.763	5.429	4.506	0.83	1.862
29	22	6.649	4.721	0.71	1.747	6.222	4.418	0.71	1.846	5.795	4.114	0.71	1.912
29	24	7.015	4.139	0.59	1.813	6.588	3.887	0.59	1.895	6.222	3.671	0.59	1.978
29	26	7.381	3.469	0.47	1.879	6.954	3.268	0.47	1.961	6.527	3.068	0.47	2.044
30	18	5.978	5.918	0.99	1.615	5.490	5.435	0.99	1.714	5.063	5.012	0.99	1.780
30	20	6.283	5.466	0.87	1.681	5.856	5.095	0.87	1.763	5.429	4.723	0.87	1.862
30	22	6.649	4.987	0.75	1.747	6.222	4.667	0.75	1.846	5.795	4.346	0.75	1.912
30	24	7.015	4.419	0.63	1.813	6.588	4.150	0.63	1.895	6.222	3.920	0.63	1.978
30	26	7.381	3.764	0.51	1.879	6.954	3.547	0.51	1.961	6.527	3.329	0.51	2.044
31	18	5.978	5.978	1.00	1.615	5.490	5.490	1.00	1.714	5.063	5.063	1.00	1.780
31	20	6.283	5.718	0.91	1.681	5.856	5.329	0.91	1.763	5.429	4.940	0.91	1.862
31	22	6.649	5.253	0.79	1.747	6.222	4.915	0.79	1.846	5.795	4.578	0.79	1.912
31	24	7.015	4.700	0.67	1.813	6.588	4.414	0.67	1.895	6.222	4.169	0.67	1.978
31	26	7.381	4.060	0.55	1.879	6.954	3.825	0.55	1.961	6.527	3.590	0.55	2.044
32	18	5.978	5.978	1.00	1.615	5.490	5.490	1.00	1.714	5.063	5.063	1.00	1.780
32	20	6.283	5.969	0.95	1.681	5.856	5.563	0.95	1.763	5.429	5.158	0.95	1.862
32	22	6.649	5.519	0.83	1.747	6.222	5.164	0.83	1.846	5.795	4.810	0.83	1.912
32	24	7.015	4.981	0.71	1.813	6.588	4.677	0.71	1.895	6.222	4.418	0.71	1.978
32	26	7.381	4.355	0.59	1.879	6.954	4.103	0.59	1.961	6.527	3.851	0.59	2.044

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.839	0.58	1.578	7.988	4.633	0.58	1.656	7.668	4.447	0.58	1.735	7.384	4.283	0.58	1.814
21	20	8.698	4.001	0.46	1.656	8.343	3.838	0.46	1.755	8.094	3.723	0.46	1.795	7.810	3.593	0.46	1.873
22	18	8.343	5.173	0.62	1.578	7.988	4.953	0.62	1.656	7.668	4.754	0.62	1.735	7.384	4.578	0.62	1.814
22	20	8.698	4.349	0.50	1.656	8.343	4.172	0.50	1.755	8.094	4.047	0.50	1.795	7.810	3.905	0.50	1.873
22	22	9.053	3.440	0.38	1.716	8.733	3.319	0.38	1.824	8.520	3.238	0.38	1.873	8.165	3.103	0.38	1.952
23	18	8.343	5.506	0.66	1.578	7.988	5.272	0.66	1.656	7.668	5.061	0.66	1.735	7.384	4.873	0.66	1.814
23	20	8.698	4.697	0.54	1.656	8.343	4.505	0.54	1.755	8.094	4.371	0.54	1.795	7.810	4.217	0.54	1.873
23	22	9.053	3.802	0.42	1.716	8.733	3.668	0.42	1.824	8.520	3.578	0.42	1.873	8.165	3.429	0.42	1.952
24	18	8.343	5.840	0.70	1.578	7.988	5.592	0.70	1.656	7.668	5.368	0.70	1.735	7.384	5.169	0.70	1.814
24	20	8.698	5.045	0.58	1.656	8.343	4.839	0.58	1.755	8.094	4.695	0.58	1.795	7.810	4.530	0.58	1.873
24	22	9.053	4.164	0.46	1.716	8.733	4.017	0.46	1.824	8.520	3.919	0.46	1.873	8.165	3.756	0.46	1.952
24	24	9.514	3.235	0.34	1.795	9.159	3.114	0.34	1.893	8.946	3.042	0.34	1.952	8.662	2.945	0.34	2.051
25	20	8.698	5.393	0.62	1.656	8.343	5.173	0.62	1.755	8.094	5.018	0.62	1.795	7.810	4.842	0.62	1.873
25	22	9.053	4.527	0.50	1.716	8.733	4.367	0.50	1.824	8.520	4.260	0.50	1.873	8.165	4.083	0.50	1.952
25	24	9.514	3.615	0.38	1.795	9.159	3.480	0.38	1.893	8.946	3.399	0.38	1.952	8.662	3.292	0.38	2.051
26	18	8.343	6.508	0.78	1.578	7.988	6.231	0.78	1.656	7.668	5.981	0.78	1.735	7.384	5.760	0.78	1.814
26	20	8.698	5.741	0.66	1.656	8.343	5.506	0.66	1.755	8.094	5.342	0.66	1.795	7.810	5.155	0.66	1.873
26	22	9.053	4.889	0.54	1.716	8.733	4.716	0.54	1.824	8.520	4.601	0.54	1.873	8.165	4.409	0.54	1.952
26	24	9.514	3.996	0.42	1.795	9.159	3.847	0.42	1.893	8.946	3.757	0.42	1.952	8.662	3.638	0.42	2.051
26	26	9.798	2.939	0.30	1.893	9.514	2.854	0.30	1.992	9.372	2.812	0.30	2.051	9.088	2.726	0.30	2.110
27	18	8.343	6.841	0.82	1.578	7.988	6.550	0.82	1.656	7.668	6.288	0.82	1.735	7.384	6.055	0.82	1.814
27	20	8.698	6.089	0.70	1.656	8.343	5.840	0.70	1.755	8.094	5.666	0.70	1.795	7.810	5.467	0.70	1.873
27	22	9.053	5.251	0.58	1.716	8.733	5.065	0.58	1.824	8.520	4.942	0.58	1.873	8.165	4.736	0.58	1.952
27	24	9.514	4.376	0.46	1.795	9.159	4.213	0.46	1.893	8.946	4.115	0.46	1.952	8.662	3.985	0.46	2.051
27	26	9.798	3.331	0.34	1.893	9.514	3.235	0.34	1.992	9.372	3.186	0.34	2.051	9.088	3.090	0.34	2.110
28	18	8.343	7.175	0.86	1.578	7.988	6.870	0.86	1.656	7.668	6.594	0.86	1.735	7.384	6.350	0.86	1.814
28	20	8.698	6.437	0.74	1.656	8.343	6.174	0.74	1.755	8.094	5.990	0.74	1.795	7.810	5.779	0.74	1.873
28	22	9.053	5.613	0.62	1.716	8.733	5.414	0.62	1.824	8.520	5.282	0.62	1.873	8.165	5.062	0.62	1.952
28	24	9.514	4.757	0.50	1.795	9.159	4.580	0.50	1.893	8.946	4.473	0.50	1.952	8.662	4.331	0.50	2.051
28	26	9.798	3.723	0.38	1.893	9.514	3.615	0.38	1.992	9.372	3.561	0.38	2.051	9.088	3.453	0.38	2.110
29	18	8.343	7.509	0.90	1.578	7.988	7.189	0.90	1.656	7.668	6.901	0.90	1.735	7.384	6.646	0.90	1.814
29	20	8.698	6.784	0.78	1.656	8.343	6.508	0.78	1.755	8.094	6.313	0.78	1.795	7.810	6.092	0.78	1.873
29	22	9.053	5.975	0.66	1.716	8.733	5.764	0.66	1.824	8.520	5.623	0.66	1.873	8.165	5.389	0.66	1.952
29	24	9.514	5.138	0.54	1.795	9.159	4.946	0.54	1.893	8.946	4.831	0.54	1.952	8.662	4.677	0.54	2.051
29	26	9.798	4.115	0.42	1.893	9.514	3.996	0.42	1.992	9.372	3.936	0.42	2.051	9.088	3.817	0.42	2.110
30	18	8.343	7.842	0.94	1.578	7.988	7.509	0.94	1.656	7.668	7.208	0.94	1.735	7.384	6.941	0.94	1.814
30	20	8.698	7.132	0.82	1.656	8.343	6.841	0.82	1.755	8.094	6.637	0.82	1.795	7.810	6.404	0.82	1.873
30	22	9.053	6.337	0.70	1.716	8.733	6.113	0.70	1.824	8.520	5.964	0.70	1.873	8.165	5.716	0.70	1.952
30	24	9.514	5.518	0.58	1.795	9.159	5.312	0.58	1.893	8.946	5.189	0.58	1.952	8.662	5.024	0.58	2.051
30	26	9.798	4.507	0.46	1.893	9.514	4.376	0.46	1.992	9.372	4.311	0.46	2.051	9.088	4.180	0.46	2.110
31	18	8.343	8.176	0.98	1.578	7.988	7.828	0.98	1.656	7.668	7.515	0.98	1.735	7.384	7.236	0.98	1.814
31	20	8.698	7.480	0.86	1.656	8.343	7.175	0.86	1.755	8.094	6.961	0.86	1.795	7.810	6.717	0.86	1.873
31	22	9.053	6.699	0.74	1.716	8.733	6.462	0.74	1.824	8.520	6.305	0.74	1.873	8.165	6.042	0.74	1.952
31	24	9.514	5.899	0.62	1.795	9.159	5.679	0.62	1.893	8.946	5.547	0.62	1.952	8.662	5.370	0.62	2.051
31	26	9.798	4.899	0.50	1.893	9.514	4.757	0.50	1.992	9.372	4.686	0.50	2.051	9.088	4.544	0.50	2.110
32	18	8.343	8.343	1.00	1.578	7.988	7.988	1.00	1.656	7.668	7.668	1.00	1.735	7.384	7.384	1.00	1.814
32	20	8.698	7.828	0.90	1.656	8.343	7.509	0.90	1.755	8.094	7.285	0.90	1.795	7.810	7.029	0.90	1.873
32	22	9.053	7.061	0.78	1.716	8.733	6.812	0.78	1.824	8.520	6.646	0.78	1.873	8.165	6.369	0.78	1.952
32	24	9.514	6.279	0.66	1.795	9.159	6.045	0.66	1.893	8.946	5.904	0.66	1.952	8.662	5.717	0.66	2.051
32	26	9.798	5.291	0.54	1.893	9.514	5.138	0.54	1.992	9.372	5.061	0.54	2.051	9.088	4.908	0.54	2.110

CEILING-SUSPENDED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-M71VA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.036	0.58	1.933	6.390	3.706	0.58	2.051	5.893	3.418	0.58	2.130
21	20	7.313	3.364	0.46	2.011	6.816	3.135	0.46	2.110	6.319	2.907	0.46	2.228
22	18	6.958	4.314	0.62	1.933	6.390	3.962	0.62	2.051	5.893	3.654	0.62	2.130
22	20	7.313	3.657	0.50	2.011	6.816	3.408	0.50	2.110	6.319	3.160	0.50	2.228
22	22	7.739	2.941	0.38	2.090	7.242	2.752	0.38	2.209	6.745	2.563	0.38	2.288
23	18	6.958	4.592	0.66	1.933	6.390	4.217	0.66	2.051	5.893	3.889	0.66	2.130
23	20	7.313	3.949	0.54	2.011	6.816	3.681	0.54	2.110	6.319	3.412	0.54	2.228
23	22	7.739	3.250	0.42	2.090	7.242	3.042	0.42	2.209	6.745	2.833	0.42	2.288
24	18	6.958	4.871	0.70	1.933	6.390	4.473	0.70	2.051	5.893	4.125	0.70	2.130
24	20	7.313	4.242	0.58	2.011	6.816	3.953	0.58	2.110	6.319	3.665	0.58	2.228
24	22	7.739	3.560	0.46	2.090	7.242	3.331	0.46	2.209	6.745	3.103	0.46	2.288
24	24	8.165	2.776	0.34	2.169	7.668	2.607	0.34	2.268	7.242	2.462	0.34	2.366
25	20	7.313	4.534	0.62	2.011	6.816	4.226	0.62	2.110	6.319	3.918	0.62	2.228
25	22	7.739	3.870	0.50	2.090	7.242	3.621	0.50	2.209	6.745	3.373	0.50	2.288
25	24	8.165	3.103	0.38	2.169	7.668	2.914	0.38	2.268	7.242	2.752	0.38	2.366
26	18	6.958	5.427	0.78	1.933	6.390	4.984	0.78	2.051	5.893	4.597	0.78	2.130
26	20	7.313	4.827	0.66	2.011	6.816	4.499	0.66	2.110	6.319	4.171	0.66	2.228
26	22	7.739	4.179	0.54	2.090	7.242	3.911	0.54	2.209	6.745	3.642	0.54	2.288
26	24	8.165	3.429	0.42	2.169	7.668	3.221	0.42	2.268	7.242	3.042	0.42	2.366
26	26	8.591	2.577	0.30	2.248	8.094	2.428	0.30	2.347	7.597	2.279	0.30	2.445
27	18	6.958	5.706	0.82	1.933	6.390	5.240	0.82	2.051	5.893	4.832	0.82	2.130
27	20	7.313	5.119	0.70	2.011	6.816	4.771	0.70	2.110	6.319	4.423	0.70	2.228
27	22	7.739	4.489	0.58	2.090	7.242	4.200	0.58	2.209	6.745	3.912	0.58	2.288
27	24	8.165	3.756	0.46	2.169	7.668	3.527	0.46	2.268	7.242	3.331	0.46	2.366
27	26	8.591	2.921	0.34	2.248	8.094	2.752	0.34	2.347	7.597	2.583	0.34	2.445
28	18	6.958	5.984	0.86	1.933	6.390	5.495	0.86	2.051	5.893	5.068	0.86	2.130
28	20	7.313	5.412	0.74	2.011	6.816	5.044	0.74	2.110	6.319	4.676	0.74	2.228
28	22	7.739	4.798	0.62	2.090	7.242	4.490	0.62	2.209	6.745	4.182	0.62	2.288
28	24	8.165	4.083	0.50	2.169	7.668	3.834	0.50	2.268	7.242	3.621	0.50	2.366
28	26	8.591	3.265	0.38	2.248	8.094	3.076	0.38	2.347	7.597	2.887	0.38	2.445
29	18	6.958	6.262	0.90	1.933	6.390	5.751	0.90	2.051	5.893	5.304	0.90	2.130
29	20	7.313	5.704	0.78	2.011	6.816	5.316	0.78	2.110	6.319	4.929	0.78	2.228
29	22	7.739	5.108	0.66	2.090	7.242	4.780	0.66	2.209	6.745	4.452	0.66	2.288
29	24	8.165	4.409	0.54	2.169	7.668	4.141	0.54	2.268	7.242	3.911	0.54	2.366
29	26	8.591	3.608	0.42	2.248	8.094	3.399	0.42	2.347	7.597	3.191	0.42	2.445
30	18	6.958	6.541	0.94	1.933	6.390	6.007	0.94	2.051	5.893	5.539	0.94	2.130
30	20	7.313	5.997	0.82	2.011	6.816	5.589	0.82	2.110	6.319	5.182	0.82	2.228
30	22	7.739	5.417	0.70	2.090	7.242	5.069	0.70	2.209	6.745	4.722	0.70	2.288
30	24	8.165	4.736	0.58	2.169	7.668	4.447	0.58	2.268	7.242	4.200	0.58	2.366
30	26	8.591	3.952	0.46	2.248	8.094	3.723	0.46	2.347	7.597	3.495	0.46	2.445
31	18	6.958	6.819	0.98	1.933	6.390	6.262	0.98	2.051	5.893	5.775	0.98	2.130
31	20	7.313	6.289	0.86	2.011	6.816	5.862	0.86	2.110	6.319	5.434	0.86	2.228
31	22	7.739	5.727	0.74	2.090	7.242	5.359	0.74	2.209	6.745	4.991	0.74	2.288
31	24	8.165	5.062	0.62	2.169	7.668	4.754	0.62	2.268	7.242	4.490	0.62	2.366
31	26	8.591	4.296	0.50	2.248	8.094	4.047	0.50	2.347	7.597	3.799	0.50	2.445
32	18	6.958	6.958	1.00	1.933	6.390	6.390	1.00	2.051	5.893	5.893	1.00	2.130
32	20	7.313	6.582	0.90	2.011	6.816	6.134	0.90	2.110	6.319	5.687	0.90	2.228
32	22	7.739	6.036	0.78	2.090	7.242	5.649	0.78	2.209	6.745	5.261	0.78	2.288
32	24	8.165	5.389	0.66	2.169	7.668	5.061	0.66	2.268	7.242	4.780	0.66	2.366
32	26	8.591	4.639	0.54	2.248	8.094	4.371	0.54	2.347	7.597	4.102	0.54	2.445

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M100KA2 / PUZ-M100VKA2 PUZ-M100YKA2

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (20, 25, 30). Rows list various indoor conditions and their corresponding CA (kW), SHC (kW), SHF, and P.C. (kW) values.

CEILING-SUSPENDED
PERFORMANCE DATA

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (35, 40, 45). Rows list various indoor conditions and their corresponding CA (kW), SHC (kW), SHF, and P.C. (kW) values.

When the indoor dry bulb temperature is lower than 20 °C, for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

Table with 4 columns: Indoor intake air D. B., 14°C, 16°C, 18°C. Rows: Capacity ratio (42%, 48%, 52%), Input ratio (56%, 70%, 71%).

Note:
CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M125KA2 / PUZ-M125VKA2 PUZ-M125YKA2

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.150	8.601	0.94	2.947	8.936	8.400	0.94	3.218	8.722	8.199	0.94	3.490
14	8	9.345	8.130	0.87	2.945	9.095	7.913	0.87	3.222	8.845	7.695	0.87	3.499
14	9	9.732	7.688	0.79	2.940	9.471	7.482	0.79	3.229	9.211	7.277	0.79	3.518
16	8	9.533	8.961	0.94	2.942	9.312	8.753	0.94	3.227	9.091	8.546	0.94	3.512
16	9	9.802	8.332	0.85	2.939	9.541	8.110	0.85	3.231	9.279	7.887	0.85	3.522
16	11	10.253	7.895	0.77	2.932	9.979	7.684	0.77	3.238	9.704	7.472	0.77	3.544
18	10	9.927	9.232	0.93	2.937	9.696	9.017	0.93	3.234	9.465	8.802	0.93	3.532
18	11	10.292	8.645	0.84	2.933	10.016	8.413	0.84	3.239	9.740	8.182	0.84	3.546
18	12	10.807	8.105	0.75	2.923	10.514	7.886	0.75	3.244	10.221	7.666	0.75	3.565
20	16	11.979	7.427	0.62	3.215	11.616	7.202	0.62	3.396	11.253	6.977	0.62	3.597
20	18	12.826	6.413	0.50	3.275	12.463	6.232	0.50	3.456	12.040	6.020	0.50	3.697
20	20	13.794	5.242	0.38	3.376	13.492	5.127	0.38	3.537	13.129	4.989	0.38	3.778
22	16	11.979	8.385	0.70	3.215	11.616	8.131	0.70	3.396	11.253	7.877	0.70	3.597
22	18	12.826	7.439	0.58	3.275	12.463	7.229	0.58	3.456	12.040	6.983	0.58	3.697
22	20	13.794	6.345	0.46	3.376	13.492	6.206	0.46	3.537	13.129	6.039	0.46	3.778
24	16	11.979	9.344	0.78	3.215	11.616	9.060	0.78	3.396	11.253	8.777	0.78	3.597
24	18	12.826	8.465	0.66	3.275	12.463	8.226	0.66	3.456	12.040	7.946	0.66	3.697
24	20	13.794	7.449	0.54	3.376	13.492	7.286	0.54	3.537	13.129	7.090	0.54	3.778
24	22	14.702	6.175	0.42	3.456	14.399	6.048	0.42	3.657	14.036	5.895	0.42	3.898
26	16	11.979	10.302	0.86	3.215	11.616	9.990	0.86	3.396	11.253	9.678	0.86	3.597
26	18	12.826	9.491	0.74	3.275	12.463	9.223	0.74	3.456	12.040	8.910	0.74	3.697
26	20	13.794	8.552	0.62	3.376	13.492	8.365	0.62	3.537	13.129	8.140	0.62	3.778
26	22	14.702	7.351	0.50	3.456	14.399	7.200	0.50	3.657	14.036	7.018	0.50	3.898
27	16	11.979	10.781	0.90	3.215	11.616	10.454	0.90	3.396	11.253	10.128	0.90	3.597
27	18	12.826	10.004	0.78	3.275	12.463	9.721	0.78	3.456	12.040	9.391	0.78	3.697
27	20	13.794	9.104	0.66	3.376	13.492	8.905	0.66	3.537	13.129	8.665	0.66	3.778
27	22	14.702	7.939	0.54	3.456	14.399	7.775	0.54	3.657	14.036	7.579	0.54	3.898
28	16	11.979	11.260	0.94	3.215	11.616	10.919	0.94	3.396	11.253	10.578	0.94	3.597
28	18	12.826	10.517	0.82	3.275	12.463	10.220	0.82	3.456	12.040	9.873	0.82	3.697
28	20	13.794	9.656	0.70	3.376	13.492	9.444	0.70	3.537	13.129	9.190	0.70	3.778
28	22	14.702	8.527	0.58	3.456	14.399	8.351	0.58	3.657	14.036	8.141	0.58	3.898
30	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
30	18	12.826	11.543	0.90	3.275	12.463	11.217	0.90	3.456	12.040	10.836	0.90	3.697
30	20	13.794	10.759	0.78	3.376	13.492	10.524	0.78	3.537	13.129	10.241	0.78	3.778
30	22	14.702	9.703	0.66	3.456	14.399	9.503	0.66	3.657	14.036	9.264	0.66	3.898
32	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
32	18	12.826	12.569	0.98	3.275	12.463	12.214	0.98	3.456	12.040	11.799	0.98	3.697
32	20	13.794	11.863	0.86	3.376	13.492	11.603	0.86	3.537	13.129	11.291	0.86	3.778
32	22	14.702	10.879	0.74	3.456	14.399	10.655	0.74	3.657	14.036	10.387	0.74	3.898
34	16	11.979	11.979	1.00	3.215	11.616	11.616	1.00	3.396	11.253	11.253	1.00	3.597
34	18	12.826	12.826	1.00	3.275	12.463	12.463	1.00	3.456	12.040	12.040	1.00	3.697
34	20	13.794	12.966	0.94	3.376	13.492	12.682	0.94	3.537	13.129	12.341	0.94	3.778
34	22	14.702	12.056	0.82	3.456	14.399	11.807	0.82	3.657	14.036	11.510	0.82	3.898

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.483	7.974	0.94	3.800	8.225	7.732	0.94	4.121	8.013	7.532	0.94	4.438
14	8	8.568	7.454	0.87	3.807	8.285	7.208	0.87	4.128	8.060	7.012	0.87	4.446
14	9	8.925	7.051	0.79	3.838	8.619	6.809	0.79	4.167	8.366	6.609	0.79	4.490
16	8	8.845	8.314	0.94	3.832	8.581	8.066	0.94	4.162	8.361	7.859	0.94	4.489
16	9	8.991	7.642	0.85	3.844	8.685	7.382	0.85	4.173	8.441	7.175	0.85	4.500
16	11	9.405	7.242	0.77	3.876	9.085	6.995	0.77	4.216	8.817	6.789	0.77	4.550
18	10	9.213	8.568	0.93	3.862	8.943	8.317	0.93	4.201	8.715	8.105	0.93	4.537
18	11	9.441	7.930	0.84	3.879	9.120	7.661	0.84	4.218	8.852	7.436	0.84	4.555
18	12	9.908	7.431	0.75	3.911	9.574	7.181	0.75	4.263	9.288	6.966	0.75	4.609
20	16	10.769	6.677	0.62	3.858	10.285	6.377	0.62	4.140	9.801	6.077	0.62	4.481
20	18	11.616	5.808	0.50	3.959	11.253	5.627	0.50	4.260	10.527	5.264	0.50	4.582
20	20	12.584	4.782	0.38	4.059	12.100	4.598	0.38	4.341	11.374	4.322	0.38	4.662
22	16	10.769	7.538	0.70	3.858	10.285	7.200	0.70	4.140	9.801	6.861	0.70	4.481
22	18	11.616	6.737	0.58	3.959	11.253	6.527	0.58	4.260	10.527	6.106	0.58	4.582
22	20	12.584	5.789	0.46	4.059	12.100	5.566	0.46	4.341	11.374	5.232	0.46	4.662
24	16	10.769	8.400	0.78	3.858	10.285	8.022	0.78	4.140	9.801	7.645	0.78	4.481
24	18	11.616	7.667	0.66	3.959	11.253	7.427	0.66	4.260	10.527	6.948	0.66	4.582
24	20	12.584	6.795	0.54	4.059	12.100	6.534	0.54	4.341	11.374	6.142	0.54	4.662
24	22	13.552	5.692	0.42	4.140	13.068	5.489	0.42	4.461	12.342	5.184	0.42	4.742
26	16	10.769	9.261	0.86	3.858	10.285	8.845	0.86	4.140	9.801	8.429	0.86	4.481
26	18	11.616	8.596	0.74	3.959	11.253	8.327	0.74	4.260	10.527	7.790	0.74	4.582
26	20	12.584	7.802	0.62	4.059	12.100	7.502	0.62	4.341	11.374	7.052	0.62	4.662
26	22	13.552	6.776	0.50	4.140	13.068	6.534	0.50	4.461	12.342	6.171	0.50	4.742
27	16	10.769	9.692	0.90	3.858	10.285	9.257	0.90	4.140	9.801	8.821	0.90	4.481
27	18	11.616	9.060	0.78	3.959	11.253	8.777	0.78	4.260	10.527	8.211	0.78	4.582
27	20	12.584	8.305	0.66	4.059	12.100	7.986	0.66	4.341	11.374	7.507	0.66	4.662
27	22	13.552	7.318	0.54	4.140	13.068	7.057	0.54	4.461	12.342	6.665	0.54	4.742
28	16	10.769	10.123	0.94	3.858	10.285	9.668	0.94	4.140	9.801	9.213	0.94	4.481
28	18	11.616	9.525	0.82	3.959	11.253	9.227	0.82	4.260	10.527	8.632	0.82	4.582
28	20	12.584	8.809	0.70	4.059	12.100	8.470	0.70	4.341	11.374	7.962	0.70	4.662
28	22	13.552	7.860	0.58	4.140	13.068	7.579	0.58	4.461	12.342	7.158	0.58	4.742
30	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
30	18	11.616	10.454	0.90	3.959	11.253	10.128	0.90	4.260	10.527	9.474	0.90	4.582
30	20	12.584	9.816	0.78	4.059	12.100	9.438	0.78	4.341	11.374	8.872	0.78	4.662
30	22	13.552	8.944	0.66	4.140	13.068	8.625	0.66	4.461	12.342	8.146	0.66	4.742
32	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
32	18	11.616	11.384	0.98	3.959	11.253	11.028	0.98	4.260	10.527	10.316	0.98	4.582
32	20	12.584	10.822	0.86	4.059	12.100	10.406	0.86	4.341	11.374	9.782	0.86	4.662
32	22	13.552	10.028	0.74	4.140	13.068	9.670	0.74	4.461	12.342	9.133	0.74	4.742
34	16	10.769	10.769	1.00	3.858	10.285	10.285	1.00	4.140	9.801	9.801	1.00	4.481
34	18	11.616	11.616	1.00	3.959	11.253	11.253	1.00	4.260				

COOLING CAPACITY
PCA-M140KA2 / PUZ-M140VKA2 PUZ-M140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.525	0.94	3.930	9.896	9.302	0.94	4.292	9.659	9.079	0.94	4.655
14	8	10.349	9.004	0.87	3.928	10.072	8.763	0.87	4.297	9.796	8.523	0.87	4.666
14	9	10.777	8.514	0.79	3.922	10.489	8.286	0.79	4.307	10.201	8.059	0.79	4.692
16	8	10.557	9.924	0.94	3.923	10.313	9.694	0.94	4.304	10.068	9.464	0.94	4.684
16	9	10.855	9.227	0.85	3.920	10.566	8.981	0.85	4.309	10.276	8.735	0.85	4.697
16	11	11.355	8.743	0.77	3.910	11.051	8.509	0.77	4.319	10.746	8.274	0.77	4.727
18	10	10.994	10.224	0.93	3.917	10.738	9.986	0.93	4.314	10.481	9.747	0.93	4.711
18	11	11.398	9.574	0.84	3.912	11.092	9.317	0.84	4.320	10.787	9.061	0.84	4.729
18	12	11.968	8.976	0.75	3.899	11.643	8.732	0.75	4.327	11.319	8.489	0.75	4.755
20	16	13.266	8.225	0.62	4.288	12.864	7.976	0.62	4.529	12.462	7.726	0.62	4.797
20	18	14.204	7.102	0.50	4.368	13.802	6.901	0.50	4.610	13.333	6.667	0.50	4.931
20	20	15.276	5.805	0.38	4.502	14.941	5.678	0.38	4.717	14.539	5.525	0.38	5.038
22	16	13.266	9.286	0.70	4.288	12.864	9.005	0.70	4.529	12.462	8.723	0.70	4.797
22	18	14.204	8.238	0.58	4.368	13.802	8.005	0.58	4.610	13.333	7.733	0.58	4.931
22	20	15.276	7.027	0.46	4.502	14.941	6.873	0.46	4.717	14.539	6.688	0.46	5.038
24	16	13.266	10.347	0.78	4.288	12.864	10.034	0.78	4.529	12.462	9.720	0.78	4.797
24	18	14.204	9.375	0.66	4.368	13.802	9.109	0.66	4.610	13.333	8.800	0.66	4.931
24	20	15.276	8.249	0.54	4.502	14.941	8.068	0.54	4.717	14.539	7.851	0.54	5.038
24	22	16.281	6.838	0.42	4.610	15.946	6.697	0.42	4.878	15.544	6.528	0.42	5.199
26	16	13.266	11.409	0.86	4.288	12.864	11.063	0.86	4.529	12.462	10.717	0.86	4.797
26	18	14.204	10.511	0.74	4.368	13.802	10.213	0.74	4.610	13.333	9.866	0.74	4.931
26	20	15.276	9.471	0.62	4.502	14.941	9.263	0.62	4.717	14.539	9.014	0.62	5.038
26	22	16.281	8.141	0.50	4.610	15.946	7.973	0.50	4.878	15.544	7.772	0.50	5.199
27	16	13.266	11.939	0.90	4.288	12.864	11.578	0.90	4.529	12.462	11.216	0.90	4.797
27	18	14.204	11.079	0.78	4.368	13.802	10.766	0.78	4.610	13.333	10.400	0.78	4.931
27	20	15.276	10.082	0.66	4.502	14.941	9.861	0.66	4.717	14.539	9.596	0.66	5.038
27	22	16.281	8.792	0.54	4.610	15.946	8.611	0.54	4.878	15.544	8.394	0.54	5.199
28	16	13.266	12.470	0.94	4.288	12.864	12.092	0.94	4.529	12.462	11.714	0.94	4.797
28	18	14.204	11.647	0.82	4.368	13.802	11.318	0.82	4.610	13.333	10.933	0.82	4.931
28	20	15.276	10.693	0.70	4.502	14.941	10.459	0.70	4.717	14.539	10.177	0.70	5.038
28	22	16.281	9.443	0.58	4.610	15.946	9.249	0.58	4.878	15.544	9.016	0.58	5.199
30	16	13.266	13.266	1.00	4.288	12.864	12.864	1.00	4.529	12.462	12.462	1.00	4.797
30	18	14.204	12.784	0.90	4.368	13.802	12.422	0.90	4.610	13.333	12.000	0.90	4.931
30	20	15.276	11.915	0.78	4.502	14.941	11.654	0.78	4.717	14.539	11.340	0.78	5.038
30	22	16.281	10.745	0.66	4.610	15.946	10.524	0.66	4.878	15.544	10.259	0.66	5.199
32	16	13.266	13.266	1.00	4.288	12.864	12.864	1.00	4.529	12.462	12.462	1.00	4.797
32	18	14.204	13.920	0.98	4.368	13.802	13.526	0.98	4.610	13.333	13.066	0.98	4.931
32	20	15.276	13.137	0.86	4.502	14.941	12.849	0.86	4.717	14.539	12.504	0.86	5.038
32	22	16.281	12.048	0.74	4.610	15.946	11.800	0.74	4.878	15.544	11.503	0.74	5.199
34	16	13.266	13.266	1.00	4.288	12.864	12.864	1.00	4.529	12.462	12.462	1.00	4.797
34	18	14.204	14.204	1.00	4.368	13.802	13.802	1.00	4.610	13.333	13.333	1.00	4.931
34	20	15.276	14.359	0.94	4.502	14.941	14.045	0.94	4.717	14.539	13.667	0.94	5.038
34	22	16.281	13.350	0.82	4.610	15.946	13.076	0.82	4.878	15.544	12.746	0.82	5.199

CEILING-SUSPENDED
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.830	0.94	5.068	9.109	8.562	0.94	5.496	8.874	8.342	0.94	5.919
14	8	9.488	8.255	0.87	5.078	9.175	7.982	0.87	5.506	8.926	7.766	0.87	5.929
14	9	9.883	7.808	0.79	5.119	9.545	7.541	0.79	5.557	9.265	7.319	0.79	5.988
16	8	9.796	9.208	0.94	5.111	9.503	8.933	0.94	5.550	9.260	8.704	0.94	5.987
16	9	9.957	8.463	0.85	5.127	9.619	8.176	0.85	5.565	9.348	7.946	0.85	6.001
16	11	10.415	8.020	0.77	5.170	10.061	7.747	0.77	5.622	9.764	7.518	0.77	6.069
18	10	10.203	9.489	0.93	5.150	9.904	9.211	0.93	5.603	9.652	8.976	0.93	6.051
18	11	10.456	8.783	0.84	5.173	10.100	8.484	0.84	5.626	9.803	8.235	0.84	6.075
18	12	10.973	8.230	0.75	5.216	10.602	7.952	0.75	5.685	10.286	7.715	0.75	6.147
20	16	11.926	7.394	0.62	5.146	11.390	7.062	0.62	5.521	10.854	6.729	0.62	5.976
20	18	12.864	6.432	0.50	5.280	12.462	6.231	0.50	5.682	11.658	5.829	0.50	6.110
20	20	13.936	5.296	0.38	5.414	13.400	5.092	0.38	5.789	12.596	4.786	0.38	6.218
22	16	11.926	8.348	0.70	5.146	11.390	7.973	0.70	5.521	10.854	7.598	0.70	5.976
22	18	12.864	7.461	0.58	5.280	12.462	7.228	0.58	5.682	11.658	6.762	0.58	6.110
22	20	13.936	6.411	0.46	5.414	13.400	6.164	0.46	5.789	12.596	5.794	0.46	6.218
24	16	11.926	9.302	0.78	5.146	11.390	8.884	0.78	5.521	10.854	8.466	0.78	5.976
24	18	12.864	8.490	0.66	5.280	12.462	8.225	0.66	5.682	11.658	7.694	0.66	6.110
24	20	13.936	7.525	0.54	5.414	13.400	7.236	0.54	5.789	12.596	6.802	0.54	6.218
24	22	15.008	6.303	0.42	5.521	14.472	6.078	0.42	5.950	13.668	5.741	0.42	6.325
26	16	11.926	10.256	0.86	5.146	11.390	9.795	0.86	5.521	10.854	9.334	0.86	5.976
26	18	12.864	9.519	0.74	5.280	12.462	9.222	0.74	5.682	11.658	8.627	0.74	6.110
26	20	13.936	8.640	0.62	5.414	13.400	8.308	0.62	5.789	12.596	7.810	0.62	6.218
26	22	15.008	7.504	0.50	5.521	14.472	7.236	0.50	5.950	13.668	6.834	0.50	6.325
27	16	11.926	10.733	0.90	5.146	11.390	10.251	0.90	5.521	10.854	9.769	0.90	5.976
27	18	12.864	10.034	0.78	5.280	12.462	9.720	0.78	5.682	11.658	9.093	0.78	6.110
27	20	13.936	9.198	0.66	5.414	13.400	8.844	0.66	5.789	12.596	8.313	0.66	6.218
27	22	15.008	8.104	0.54	5.521	14.472	7.815	0.54	5.950	13.668	7.381	0.54	6.325
28	16	11.926	11.210	0.94	5.146	11.390	10.707	0.94	5.521	10.854	10.203	0.94	5.976
28	18	12.864	10.548	0.82	5.280	12.462	10.219	0.82	5.682	11.658	9.560	0.82	6.110
28	20	13.936	9.755	0.70	5.414	13.400	9.380	0.70	5.789	12.596	8.817	0.70	6.218
28	22	15.008	8.705	0.58	5.521	14.472	8.394	0.58	5.950	13.668	7.927	0.58	6.325
30	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
30	18	12.864	11.578	0.90	5.280	12.462	11.216	0.90	5.682	11.658	10.492	0.90	6.110
30	20	13.936	10.870	0.78	5.414	13.400	10.452	0.78	5.789	12.596	9.825	0.78	6.218
30	22	15.008	9.905	0.66	5.521	14.472	9.552	0.66	5.950	13.668	9.021	0.66	6.325
32	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
32	18	12.864	12.607	0.98	5.280	12.462	12.213	0.98	5.682	11.658	11.425	0.98	6.110
32	20	13.936	11.985	0.86	5.414	13.400	11.524	0.86	5.789	12.596	10.833	0.86	6.218
32	22	15.008	11.106	0.74	5.521	14.472	10.709	0.74	5.950	13.668	10.114	0.74	6.325
34	16	11.926	11.926	1.00	5.146	11.390	11.390	1.00	5.521	10.854	10.854	1.00	5.976
34	18	12.864											

HEATING CAPACITY

PCA-M-KA2 / PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2

CEILING-SUSPENDED PERFORMANCE DATA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.604	0.601	2.829	0.662	3.157	0.764	4.141	0.917	4.674	1.019	5.207	1.101
	20	2.501	0.652	2.706	0.713	2.993	0.825	3.998	0.988	4.510	1.101	5.023	1.182
	25	2.419	0.693	2.624	0.774	2.870	0.897	3.772	1.050	4.346	1.177	4.838	1.269
PCA-M50KA2	15	3.493	0.803	3.795	0.885	4.235	1.021	5.555	1.225	6.270	1.361	6.985	1.470
	20	3.355	0.871	3.630	0.953	4.015	1.102	5.363	1.320	6.050	1.470	6.738	1.579
	25	3.245	0.925	3.520	1.034	3.850	1.198	5.060	1.402	5.830	1.572	6.490	1.694
PCA-M60KA2	15	4.445	1.030	4.830	1.134	5.390	1.309	7.070	1.571	7.980	1.745	8.890	1.885
	20	4.270	1.117	4.620	1.222	5.110	1.413	6.825	1.693	7.700	1.885	8.575	2.024
	25	4.130	1.187	4.480	1.326	4.900	1.536	6.440	1.797	7.420	2.015	8.260	2.173
PCA-M71KA2	15	5.080	1.272	5.520	1.401	6.160	1.617	8.080	1.940	9.120	2.156	10.160	2.328
	20	4.880	1.380	5.280	1.509	5.840	1.746	7.800	2.091	8.800	2.328	9.800	2.501
	25	4.720	1.466	5.120	1.639	5.600	1.897	7.360	2.221	8.480	2.490	9.440	2.684
PCA-M100KA2	15	7.112	1.781	7.728	1.962	8.624	2.264	11.312	2.716	12.768	3.018	14.224	3.259
	20	6.832	1.932	7.392	2.113	8.176	2.445	10.920	2.927	12.320	3.259	13.720	3.501
	25	6.608	2.052	7.168	2.294	7.840	2.656	10.304	3.109	11.872	3.486	13.216	3.757
PCA-M125KA2	15	8.890	2.333	9.660	2.570	10.780	2.966	14.140	3.559	15.960	3.954	17.780	4.270
	20	8.540	2.531	9.240	2.768	10.220	3.203	13.650	3.835	15.400	4.270	17.150	4.587
	25	8.260	2.689	8.960	3.005	9.800	3.480	12.880	4.073	14.840	4.567	16.520	4.923
PCA-M140KA2	15	10.160	2.615	11.040	2.881	12.320	3.324	16.160	3.989	18.240	4.432	20.320	4.787
	20	9.760	2.836	10.560	3.102	11.680	3.590	15.600	4.299	17.600	4.787	19.600	5.141
	25	9.440	3.014	10.240	3.368	11.200	3.900	14.720	4.565	16.960	5.119	18.880	5.518

PCA-M-KA2 / SUZ-M-VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.050	0.533	2.583	0.666	3.116	0.800	3.649	0.902	4.182	0.974	4.715	1.035	5.207	1.066	5.740	1.087
	21	1.927	0.568	2.460	0.718	2.952	0.851	3.485	0.943	3.977	1.015	4.510	1.066	5.002	1.097	5.515	1.138
	26	1.681	0.615	2.214	0.769	2.747	0.902	3.239	0.994	3.772	1.066	4.305	1.117	4.797	1.148	5.330	1.179
PCA-M50KA2	15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
	21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
	26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860
PCA-M60KA2	15	3.500	0.910	4.410	1.138	5.320	1.365	6.230	1.540	7.140	1.663	8.050	1.768	8.890	1.820	9.800	1.855
	21	3.290	0.970	4.200	1.225	5.040	1.453	5.950	1.610	6.790	1.733	7.700	1.820	8.540	1.873	9.415	1.943
	26	2.870	1.050	3.780	1.313	4.690	1.540	5.530	1.698	6.440	1.820	7.350	1.908	8.190	1.960	9.100	2.013
PCA-M71KA2	15	4.000	1.152	5.040	1.440	6.080	1.728	7.120	1.950	8.160	2.105	9.200	2.238	10.160	2.305	11.200	2.349
	21	3.760	1.228	4.800	1.551	5.760	1.839	6.800	2.039	7.760	2.194	8.800	2.305	9.760	2.371	10.760	2.460
	26	3.280	1.330	4.320	1.662	5.360	1.950	6.320	2.150	7.360	2.305	8.400	2.415	9.360	2.482	10.400	2.548

PCA-M-KA2 / PUZ-M-VKA2 PUZ-M-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M100KA2	15	7.112	1.938	7.728	2.135	8.624	2.463	11.312	2.956	12.768	3.284	14.224	3.547
	20	6.832	2.102	7.392	2.299	8.176	2.660	10.920	3.185	12.320	3.547	13.720	3.809
	25	6.608	2.233	7.168	2.496	7.840	2.890	10.304	3.383	11.872	3.793	13.216	4.089
PCA-M125KA2	15	8.573	2.335	9.315	2.573	10.395	2.969	13.635	3.562	15.390	3.958	17.145	4.275
	20	8.235	2.533	8.910	2.771	9.855	3.206	13.163	3.839	14.850	4.275	16.538	4.591
	25	7.965	2.691	8.640	3.008	9.450	3.483	12.420	4.077	14.310	4.571	15.930	4.928
PCA-M140KA2	15	9.525	2.528	10.350	2.785	11.550	3.214	15.150	3.857	17.100	4.285	19.050	4.628
	20	9.150	2.742	9.900	3.000	10.950	3.471	14.625	4.156	16.500	4.628	18.375	4.971
	25	8.850	2.914	9.600	3.257	10.500	3.771	13.800	4.414	15.900	4.949	17.700	5.335

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-KA35VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.230	2.961	0.70	0.840	4.050	2.835	0.70	0.882	3.888	2.722	0.70	0.924	3.744	2.621	0.70	0.966
21	20	4.410	2.558	0.58	0.882	4.230	2.453	0.58	0.935	4.104	2.380	0.58	0.956	3.960	2.297	0.58	0.998
22	18	4.230	3.130	0.74	0.840	4.050	2.997	0.74	0.882	3.888	2.877	0.74	0.924	3.744	2.771	0.74	0.966
22	20	4.410	2.734	0.62	0.882	4.230	2.623	0.62	0.935	4.104	2.544	0.62	0.956	3.960	2.455	0.62	0.998
22	22	4.590	2.295	0.50	0.914	4.428	2.214	0.50	0.971	4.320	2.160	0.50	0.998	4.140	2.070	0.50	1.040
23	18	4.230	3.299	0.78	0.840	4.050	3.159	0.78	0.882	3.888	3.033	0.78	0.924	3.744	2.920	0.78	0.966
23	20	4.410	2.911	0.66	0.882	4.230	2.792	0.66	0.935	4.104	2.709	0.66	0.956	3.960	2.614	0.66	0.998
23	22	4.590	2.479	0.54	0.914	4.428	2.391	0.54	0.971	4.320	2.333	0.54	0.998	4.140	2.236	0.54	1.040
24	18	4.230	3.469	0.82	0.840	4.050	3.321	0.82	0.882	3.888	3.188	0.82	0.924	3.744	3.070	0.82	0.966
24	20	4.410	3.087	0.70	0.882	4.230	2.961	0.70	0.935	4.104	2.873	0.70	0.956	3.960	2.772	0.70	0.998
24	22	4.590	2.662	0.58	0.914	4.428	2.568	0.58	0.971	4.320	2.506	0.58	0.998	4.140	2.401	0.58	1.040
24	24	4.824	2.219	0.46	0.956	4.644	2.136	0.46	1.008	4.536	2.087	0.46	1.040	4.392	2.020	0.46	1.092
25	20	4.410	3.263	0.74	0.882	4.230	3.130	0.74	0.935	4.104	3.037	0.74	0.956	3.960	2.930	0.74	0.998
25	22	4.590	2.846	0.62	0.914	4.428	2.745	0.62	0.971	4.320	2.678	0.62	0.998	4.140	2.567	0.62	1.040
25	24	4.824	2.412	0.50	0.956	4.644	2.322	0.50	1.008	4.536	2.268	0.50	1.040	4.392	2.196	0.50	1.092
26	18	4.230	3.807	0.90	0.840	4.050	3.645	0.90	0.882	3.888	3.499	0.90	0.924	3.744	3.370	0.90	0.966
26	20	4.410	3.440	0.78	0.882	4.230	3.299	0.78	0.935	4.104	3.201	0.78	0.956	3.960	3.089	0.78	0.998
26	22	4.590	3.029	0.66	0.914	4.428	2.922	0.66	0.971	4.320	2.851	0.66	0.998	4.140	2.732	0.66	1.040
26	24	4.824	2.605	0.54	0.956	4.644	2.508	0.54	1.008	4.536	2.449	0.54	1.040	4.392	2.372	0.54	1.092
26	26	4.968	2.087	0.42	1.008	4.824	2.026	0.42	1.061	4.752	1.996	0.42	1.092	4.608	1.935	0.42	1.124
27	18	4.230	3.976	0.94	0.840	4.050	3.807	0.94	0.882	3.888	3.655	0.94	0.924	3.744	3.519	0.94	0.966
27	20	4.410	3.616	0.82	0.882	4.230	3.469	0.82	0.935	4.104	3.365	0.82	0.956	3.960	3.247	0.82	0.998
27	22	4.590	3.213	0.70	0.914	4.428	3.100	0.70	0.971	4.320	3.024	0.70	0.998	4.140	2.898	0.70	1.040
27	24	4.824	2.798	0.58	0.956	4.644	2.694	0.58	1.008	4.536	2.631	0.58	1.040	4.392	2.547	0.58	1.092
27	26	4.968	2.285	0.46	1.008	4.824	2.219	0.46	1.061	4.752	2.186	0.46	1.092	4.608	2.120	0.46	1.124
28	18	4.230	4.145	0.98	0.840	4.050	3.969	0.98	0.882	3.888	3.810	0.98	0.924	3.744	3.669	0.98	0.966
28	20	4.410	3.793	0.86	0.882	4.230	3.638	0.86	0.935	4.104	3.529	0.86	0.956	3.960	3.406	0.86	0.998
28	22	4.590	3.397	0.74	0.914	4.428	3.277	0.74	0.971	4.320	3.197	0.74	0.998	4.140	3.064	0.74	1.040
28	24	4.824	2.991	0.62	0.956	4.644	2.879	0.62	1.008	4.536	2.812	0.62	1.040	4.392	2.723	0.62	1.092
28	26	4.968	2.484	0.50	1.008	4.824	2.412	0.50	1.061	4.752	2.376	0.50	1.092	4.608	2.304	0.50	1.124
29	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
29	20	4.410	3.969	0.90	0.882	4.230	3.807	0.90	0.935	4.104	3.694	0.90	0.956	3.960	3.564	0.90	0.998
29	22	4.590	3.580	0.78	0.914	4.428	3.454	0.78	0.971	4.320	3.370	0.78	0.998	4.140	3.229	0.78	1.040
29	24	4.824	3.184	0.66	0.956	4.644	3.065	0.66	1.008	4.536	2.994	0.66	1.040	4.392	2.899	0.66	1.092
29	26	4.968	2.683	0.54	1.008	4.824	2.605	0.54	1.061	4.752	2.566	0.54	1.092	4.608	2.488	0.54	1.124
30	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
30	20	4.410	4.145	0.94	0.882	4.230	3.976	0.94	0.935	4.104	3.858	0.94	0.956	3.960	3.722	0.94	0.998
30	22	4.590	3.764	0.82	0.914	4.428	3.631	0.82	0.971	4.320	3.542	0.82	0.998	4.140	3.395	0.82	1.040
30	24	4.824	3.377	0.70	0.956	4.644	3.251	0.70	1.008	4.536	3.175	0.70	1.040	4.392	3.074	0.70	1.092
30	26	4.968	2.881	0.58	1.008	4.824	2.798	0.58	1.061	4.752	2.756	0.58	1.092	4.608	2.673	0.58	1.124
31	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
31	20	4.410	4.322	0.98	0.882	4.230	4.145	0.98	0.935	4.104	4.022	0.98	0.956	3.960	3.881	0.98	0.998
31	22	4.590	3.947	0.86	0.914	4.428	3.808	0.86	0.971	4.320	3.715	0.86	0.998	4.140	3.560	0.86	1.040
31	24	4.824	3.570	0.74	0.956	4.644	3.437	0.74	1.008	4.536	3.357	0.74	1.040	4.392	3.250	0.74	1.092
31	26	4.968	3.080	0.62	1.008	4.824	2.991	0.62	1.061	4.752	2.946	0.62	1.092	4.608	2.857	0.62	1.124
32	18	4.230	4.230	1.00	0.840	4.050	4.050	1.00	0.882	3.888	3.888	1.00	0.924	3.744	3.744	1.00	0.966
32	20	4.410	4.410	1.00	0.882	4.230	4.230	1.00	0.935	4.104	4.104	1.00	0.956	3.960	3.960	1.00	0.998
32	22	4.590	4.131	0.90	0.914	4.428	3.985	0.90	0.971	4.320	3.888	0.90	0.998	4.140	3.726	0.90	1.040
32	24	4.824	3.763	0.78	0.956	4.644	3.622	0.78	1.008	4.536	3.538	0.78	1.040	4.392	3.426	0.78	1.092
32	26	4.968	3.279	0.66	1.008	4.824	3.184	0.66	1.061	4.752	3.136	0.66	1.092	4.608	3.041	0.66	1.124

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M35KA2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.470	0.70	1.029	3.240	2.268	0.70	1.092	2.988	2.092	0.70	1.134
21	20	3.708	2.151	0.58	1.071	3.456	2.004	0.58	1.124	3.204	1.858	0.58	1.187
22	18	3.528	2.611	0.74	1.029	3.240	2.398	0.74	1.092	2.988	2.211	0.74	1.134
22	20	3.708	2.299	0.62	1.071	3.456	2.143	0.62	1.124	3.204	1.986	0.62	1.187
22	22	3.924	1.962	0.50	1.113	3.672	1.836	0.50	1.176	3.420	1.710	0.50	1.218
23	18	3.528	2.752	0.78	1.029	3.240	2.527	0.78	1.092	2.988	2.331	0.78	1.134
23	20	3.708	2.447	0.66	1.071	3.456	2.281	0.66	1.124	3.204	2.115	0.66	1.187
23	22	3.924	2.119	0.54	1.113	3.672	1.983	0.54	1.176	3.420	1.847	0.54	1.218
24	18	3.528	2.893	0.82	1.029	3.240	2.657	0.82	1.092	2.988	2.450	0.82	1.134
24	20	3.708	2.596	0.70	1.071	3.456	2.419	0.70	1.124	3.204	2.243	0.70	1.187
24	22	3.924	2.276	0.58	1.113	3.672	2.130	0.58	1.176	3.420	1.984	0.58	1.218
24	24	4.140	1.904	0.46	1.155	3.888	1.788	0.46	1.208	3.672	1.689	0.46	1.260
25	20	3.708	2.744	0.74	1.071	3.456	2.557	0.74	1.124	3.204	2.371	0.74	1.187
25	22	3.924	2.433	0.62	1.113	3.672	2.277	0.62	1.176	3.420	2.120	0.62	1.218
25	24	4.140	2.070	0.50	1.155	3.888	1.944	0.50	1.208	3.672	1.836	0.50	1.260
26	18	3.528	3.175	0.90	1.029	3.240	2.916	0.90	1.092	2.988	2.689	0.90	1.134
26	20	3.708	2.892	0.78	1.071	3.456	2.696	0.78	1.124	3.204	2.499	0.78	1.187
26	22	3.924	2.590	0.66	1.113	3.672	2.424	0.66	1.176	3.420	2.257	0.66	1.218
26	24	4.140	2.236	0.54	1.155	3.888	2.100	0.54	1.208	3.672	1.983	0.54	1.260
26	26	4.356	1.830	0.42	1.197	4.104	1.724	0.42	1.250	3.852	1.618	0.42	1.302
27	18	3.528	3.316	0.94	1.029	3.240	3.046	0.94	1.092	2.988	2.809	0.94	1.134
27	20	3.708	3.041	0.82	1.071	3.456	2.834	0.82	1.124	3.204	2.627	0.82	1.187
27	22	3.924	2.747	0.70	1.113	3.672	2.570	0.70	1.176	3.420	2.394	0.70	1.218
27	24	4.140	2.401	0.58	1.155	3.888	2.255	0.58	1.208	3.672	2.130	0.58	1.260
27	26	4.356	2.004	0.46	1.197	4.104	1.888	0.46	1.250	3.852	1.772	0.46	1.302
28	18	3.528	3.457	0.98	1.029	3.240	3.175	0.98	1.092	2.988	2.928	0.98	1.134
28	20	3.708	3.189	0.86	1.071	3.456	2.972	0.86	1.124	3.204	2.755	0.86	1.187
28	22	3.924	2.904	0.74	1.113	3.672	2.717	0.74	1.176	3.420	2.531	0.74	1.218
28	24	4.140	2.567	0.62	1.155	3.888	2.411	0.62	1.208	3.672	2.277	0.62	1.260
28	26	4.356	2.178	0.50	1.197	4.104	2.052	0.50	1.250	3.852	1.926	0.50	1.302
29	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
29	20	3.708	3.337	0.90	1.071	3.456	3.110	0.90	1.124	3.204	2.884	0.90	1.187
29	22	3.924	3.061	0.78	1.113	3.672	2.864	0.78	1.176	3.420	2.668	0.78	1.218
29	24	4.140	2.732	0.66	1.155	3.888	2.566	0.66	1.208	3.672	2.424	0.66	1.260
29	26	4.356	2.352	0.54	1.197	4.104	2.216	0.54	1.250	3.852	2.080	0.54	1.302
30	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
30	20	3.708	3.486	0.94	1.071	3.456	3.249	0.94	1.124	3.204	3.012	0.94	1.187
30	22	3.924	3.218	0.82	1.113	3.672	3.011	0.82	1.176	3.420	2.804	0.82	1.218
30	24	4.140	2.898	0.70	1.155	3.888	2.722	0.70	1.208	3.672	2.570	0.70	1.260
30	26	4.356	2.526	0.58	1.197	4.104	2.380	0.58	1.250	3.852	2.234	0.58	1.302
31	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
31	20	3.708	3.634	0.98	1.071	3.456	3.387	0.98	1.124	3.204	3.140	0.98	1.187
31	22	3.924	3.375	0.86	1.113	3.672	3.158	0.86	1.176	3.420	2.941	0.86	1.218
31	24	4.140	3.064	0.74	1.155	3.888	2.877	0.74	1.208	3.672	2.717	0.74	1.260
31	26	4.356	2.701	0.62	1.197	4.104	2.544	0.62	1.250	3.852	2.388	0.62	1.302
32	18	3.528	3.528	1.00	1.029	3.240	3.240	1.00	1.092	2.988	2.988	1.00	1.134
32	20	3.708	3.708	1.00	1.071	3.456	3.456	1.00	1.124	3.204	3.204	1.00	1.187
32	22	3.924	3.532	0.90	1.113	3.672	3.305	0.90	1.176	3.420	3.078	0.90	1.218
32	24	4.140	3.229	0.78	1.155	3.888	3.033	0.78	1.208	3.672	2.864	0.78	1.260
32	26	4.356	2.875	0.66	1.197	4.104	2.709	0.66	1.250	3.852	2.542	0.66	1.302

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-KA50VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.584	0.61	1.238	5.625	3.431	0.61	1.299	5.400	3.294	0.61	1.361	5.200	3.172	0.61	1.423
21	20	6.125	3.001	0.49	1.299	5.875	2.879	0.49	1.377	5.700	2.793	0.49	1.408	5.500	2.695	0.49	1.470
22	18	5.875	3.819	0.65	1.238	5.625	3.656	0.65	1.299	5.400	3.510	0.65	1.361	5.200	3.380	0.65	1.423
22	20	6.125	3.246	0.53	1.299	5.875	3.114	0.53	1.377	5.700	3.021	0.53	1.408	5.500	2.915	0.53	1.470
22	22	6.375	2.614	0.41	1.346	6.150	2.522	0.41	1.431	6.000	2.460	0.41	1.470	5.750	2.358	0.41	1.532
23	18	5.875	4.054	0.69	1.238	5.625	3.881	0.69	1.299	5.400	3.726	0.69	1.361	5.200	3.588	0.69	1.423
23	20	6.125	3.491	0.57	1.299	5.875	3.349	0.57	1.377	5.700	3.249	0.57	1.408	5.500	3.135	0.57	1.470
23	22	6.375	2.869	0.45	1.346	6.150	2.768	0.45	1.431	6.000	2.700	0.45	1.470	5.750	2.588	0.45	1.532
24	18	5.875	4.289	0.73	1.238	5.625	4.106	0.73	1.299	5.400	3.942	0.73	1.361	5.200	3.796	0.73	1.423
24	20	6.125	3.736	0.61	1.299	5.875	3.584	0.61	1.377	5.700	3.477	0.61	1.408	5.500	3.355	0.61	1.470
24	22	6.375	3.124	0.49	1.346	6.150	3.014	0.49	1.431	6.000	2.940	0.49	1.470	5.750	2.818	0.49	1.532
24	24	6.700	2.479	0.37	1.408	6.450	2.387	0.37	1.485	6.300	2.331	0.37	1.532	6.100	2.257	0.37	1.609
25	20	6.125	3.981	0.65	1.299	5.875	3.819	0.65	1.377	5.700	3.705	0.65	1.408	5.500	3.575	0.65	1.470
25	22	6.375	3.379	0.53	1.346	6.150	3.260	0.53	1.431	6.000	3.180	0.53	1.470	5.750	3.048	0.53	1.532
25	24	6.700	2.747	0.41	1.408	6.450	2.645	0.41	1.485	6.300	2.583	0.41	1.532	6.100	2.501	0.41	1.609
26	18	5.875	4.759	0.81	1.238	5.625	4.556	0.81	1.299	5.400	4.374	0.81	1.361	5.200	4.212	0.81	1.423
26	20	6.125	4.226	0.69	1.299	5.875	4.054	0.69	1.377	5.700	3.933	0.69	1.408	5.500	3.795	0.69	1.470
26	22	6.375	3.634	0.57	1.346	6.150	3.506	0.57	1.431	6.000	3.420	0.57	1.470	5.750	3.278	0.57	1.532
26	24	6.700	3.015	0.45	1.408	6.450	2.903	0.45	1.485	6.300	2.835	0.45	1.532	6.100	2.745	0.45	1.609
26	26	6.900	2.277	0.33	1.485	6.700	2.211	0.33	1.562	6.600	2.178	0.33	1.609	6.400	2.112	0.33	1.655
27	18	5.875	4.994	0.85	1.238	5.625	4.781	0.85	1.299	5.400	4.590	0.85	1.361	5.200	4.420	0.85	1.423
27	20	6.125	4.471	0.73	1.299	5.875	4.289	0.73	1.377	5.700	4.161	0.73	1.408	5.500	4.015	0.73	1.470
27	22	6.375	3.889	0.61	1.346	6.150	3.752	0.61	1.431	6.000	3.660	0.61	1.470	5.750	3.508	0.61	1.532
27	24	6.700	3.283	0.49	1.408	6.450	3.161	0.49	1.485	6.300	3.087	0.49	1.532	6.100	2.989	0.49	1.609
27	26	6.900	2.553	0.37	1.485	6.700	2.479	0.37	1.562	6.600	2.442	0.37	1.609	6.400	2.368	0.37	1.655
28	18	5.875	5.229	0.89	1.238	5.625	5.006	0.89	1.299	5.400	4.806	0.89	1.361	5.200	4.628	0.89	1.423
28	20	6.125	4.716	0.77	1.299	5.875	4.524	0.77	1.377	5.700	4.389	0.77	1.408	5.500	4.235	0.77	1.470
28	22	6.375	4.144	0.65	1.346	6.150	3.998	0.65	1.431	6.000	3.900	0.65	1.470	5.750	3.738	0.65	1.532
28	24	6.700	3.551	0.53	1.408	6.450	3.419	0.53	1.485	6.300	3.339	0.53	1.532	6.100	3.233	0.53	1.609
28	26	6.900	2.829	0.41	1.485	6.700	2.747	0.41	1.562	6.600	2.706	0.41	1.609	6.400	2.624	0.41	1.655
29	18	5.875	5.464	0.93	1.238	5.625	5.231	0.93	1.299	5.400	5.022	0.93	1.361	5.200	4.836	0.93	1.423
29	20	6.125	4.961	0.81	1.299	5.875	4.759	0.81	1.377	5.700	4.617	0.81	1.408	5.500	4.455	0.81	1.470
29	22	6.375	4.399	0.69	1.346	6.150	4.244	0.69	1.431	6.000	4.140	0.69	1.470	5.750	3.968	0.69	1.532
29	24	6.700	3.819	0.57	1.408	6.450	3.677	0.57	1.485	6.300	3.591	0.57	1.532	6.100	3.477	0.57	1.609
29	26	6.900	3.105	0.45	1.485	6.700	3.015	0.45	1.562	6.600	2.970	0.45	1.609	6.400	2.880	0.45	1.655
30	18	5.875	5.699	0.97	1.238	5.625	5.456	0.97	1.299	5.400	5.238	0.97	1.361	5.200	5.044	0.97	1.423
30	20	6.125	5.206	0.85	1.299	5.875	4.994	0.85	1.377	5.700	4.845	0.85	1.408	5.500	4.675	0.85	1.470
30	22	6.375	4.654	0.73	1.346	6.150	4.490	0.73	1.431	6.000	4.380	0.73	1.470	5.750	4.198	0.73	1.532
30	24	6.700	4.087	0.61	1.408	6.450	3.935	0.61	1.485	6.300	3.843	0.61	1.532	6.100	3.721	0.61	1.609
30	26	6.900	3.381	0.49	1.485	6.700	3.283	0.49	1.562	6.600	3.234	0.49	1.609	6.400	3.136	0.49	1.655
31	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
31	20	6.125	5.451	0.89	1.299	5.875	5.229	0.89	1.377	5.700	5.073	0.89	1.408	5.500	4.895	0.89	1.470
31	22	6.375	4.909	0.77	1.346	6.150	4.736	0.77	1.431	6.000	4.620	0.77	1.470	5.750	4.428	0.77	1.532
31	24	6.700	4.355	0.65	1.408	6.450	4.193	0.65	1.485	6.300	4.095	0.65	1.532	6.100	3.965	0.65	1.609
31	26	6.900	3.657	0.53	1.485	6.700	3.551	0.53	1.562	6.600	3.498	0.53	1.609	6.400	3.392	0.53	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	5.696	0.93	1.299	5.875	5.464	0.93	1.377	5.700	5.301	0.93	1.408	5.500	5.115	0.93	1.470
32	22	6.375	5.164	0.81	1.346	6.150	4.982	0.81	1.431	6.000	4.860	0.81	1.470	5.750	4.658	0.81	1.532
32	24	6.700	4.623	0.69	1.408	6.450	4.451	0.69	1.485	6.300	4.347	0.69	1.532	6.100	4.209	0.69	1.609
32	26	6.900	3.933	0.57	1.485	6.700	3.819	0.57	1.562	6.600	3.762	0.57	1.609	6.400	3.648	0.57	1.655

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M50KA2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	2.989	0.61	1.516	4.500	2.745	0.61	1.609	4.150	2.532	0.61	1.671
21	20	5.150	2.524	0.49	1.578	4.800	2.352	0.49	1.655	4.450	2.181	0.49	1.748
22	18	4.900	3.185	0.65	1.516	4.500	2.925	0.65	1.609	4.150	2.698	0.65	1.671
22	20	5.150	2.730	0.53	1.578	4.800	2.544	0.53	1.655	4.450	2.359	0.53	1.748
22	22	5.450	2.235	0.41	1.640	5.100	2.091	0.41	1.733	4.750	1.948	0.41	1.795
23	18	4.900	3.381	0.69	1.516	4.500	3.105	0.69	1.609	4.150	2.864	0.69	1.671
23	20	5.150	2.936	0.57	1.578	4.800	2.736	0.57	1.655	4.450	2.537	0.57	1.748
23	22	5.450	2.453	0.45	1.640	5.100	2.295	0.45	1.733	4.750	2.138	0.45	1.795
24	18	4.900	3.577	0.73	1.516	4.500	3.285	0.73	1.609	4.150	3.030	0.73	1.671
24	20	5.150	3.142	0.61	1.578	4.800	2.928	0.61	1.655	4.450	2.715	0.61	1.748
24	22	5.450	2.671	0.49	1.640	5.100	2.499	0.49	1.733	4.750	2.328	0.49	1.795
24	24	5.750	2.128	0.37	1.702	5.400	1.998	0.37	1.779	5.100	1.887	0.37	1.856
25	20	5.150	3.348	0.65	1.578	4.800	3.120	0.65	1.655	4.450	2.893	0.65	1.748
25	22	5.450	2.889	0.53	1.640	5.100	2.703	0.53	1.733	4.750	2.518	0.53	1.795
25	24	5.750	2.358	0.41	1.702	5.400	2.214	0.41	1.779	5.100	2.091	0.41	1.856
26	18	4.900	3.969	0.81	1.516	4.500	3.645	0.81	1.609	4.150	3.362	0.81	1.671
26	20	5.150	3.554	0.69	1.578	4.800	3.312	0.69	1.655	4.450	3.071	0.69	1.748
26	22	5.450	3.107	0.57	1.640	5.100	2.907	0.57	1.733	4.750	2.708	0.57	1.795
26	24	5.750	2.588	0.45	1.702	5.400	2.430	0.45	1.779	5.100	2.295	0.45	1.856
26	26	6.050	1.997	0.33	1.764	5.700	1.881	0.33	1.841	5.350	1.766	0.33	1.918
27	18	4.900	4.165	0.85	1.516	4.500	3.825	0.85	1.609	4.150	3.528	0.85	1.671
27	20	5.150	3.760	0.73	1.578	4.800	3.504	0.73	1.655	4.450	3.249	0.73	1.748
27	22	5.450	3.325	0.61	1.640	5.100	3.111	0.61	1.733	4.750	2.898	0.61	1.795
27	24	5.750	2.818	0.49	1.702	5.400	2.646	0.49	1.779	5.100	2.499	0.49	1.856
27	26	6.050	2.239	0.37	1.764	5.700	2.109	0.37	1.841	5.350	1.980	0.37	1.918
28	18	4.900	4.361	0.89	1.516	4.500	4.005	0.89	1.609	4.150	3.694	0.89	1.671
28	20	5.150	3.966	0.77	1.578	4.800	3.696	0.77	1.655	4.450	3.427	0.77	1.748
28	22	5.450	3.543	0.65	1.640	5.100	3.315	0.65	1.733	4.750	3.088	0.65	1.795
28	24	5.750	3.048	0.53	1.702	5.400	2.862	0.53	1.779	5.100	2.703	0.53	1.856
28	26	6.050	2.481	0.41	1.764	5.700	2.337	0.41	1.841	5.350	2.194	0.41	1.918
29	18	4.900	4.557	0.93	1.516	4.500	4.185	0.93	1.609	4.150	3.860	0.93	1.671
29	20	5.150	4.172	0.81	1.578	4.800	3.888	0.81	1.655	4.450	3.605	0.81	1.748
29	22	5.450	3.761	0.69	1.640	5.100	3.519	0.69	1.733	4.750	3.278	0.69	1.795
29	24	5.750	3.278	0.57	1.702	5.400	3.078	0.57	1.779	5.100	2.907	0.57	1.856
29	26	6.050	2.723	0.45	1.764	5.700	2.565	0.45	1.841	5.350	2.408	0.45	1.918
30	18	4.900	4.753	0.97	1.516	4.500	4.365	0.97	1.609	4.150	4.026	0.97	1.671
30	20	5.150	4.378	0.85	1.578	4.800	4.080	0.85	1.655	4.450	3.783	0.85	1.748
30	22	5.450	3.979	0.73	1.640	5.100	3.723	0.73	1.733	4.750	3.468	0.73	1.795
30	24	5.750	3.508	0.61	1.702	5.400	3.294	0.61	1.779	5.100	3.111	0.61	1.856
30	26	6.050	2.965	0.49	1.764	5.700	2.793	0.49	1.841	5.350	2.622	0.49	1.918
31	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
31	20	5.150	4.584	0.89	1.578	4.800	4.272	0.89	1.655	4.450	3.961	0.89	1.748
31	22	5.450	4.197	0.77	1.640	5.100	3.927	0.77	1.733	4.750	3.658	0.77	1.795
31	24	5.750	3.738	0.65	1.702	5.400	3.510	0.65	1.779	5.100	3.315	0.65	1.856
31	26	6.050	3.207	0.53	1.764	5.700	3.021	0.53	1.841	5.350	2.836	0.53	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	4.790	0.93	1.578	4.800	4.464	0.93	1.655	4.450	4.139	0.93	1.748
32	22	5.450	4.415	0.81	1.640	5.100	4.131	0.81	1.733	4.750	3.848	0.81	1.795
32	24	5.750	3.968	0.69	1.702	5.400	3.726	0.69	1.779	5.100	3.519	0.69	1.856
32	26	6.050	3.449	0.57	1.764	5.700	3.249	0.57	1.841	5.350	3.050	0.57	1.918

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-KA60VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.698	4.220	0.63	1.378	6.413	4.040	0.63	1.446	6.156	3.878	0.63	1.515	5.928	3.735	0.63	1.584
21	20	6.983	3.561	0.51	1.446	6.698	3.416	0.51	1.533	6.498	3.314	0.51	1.567	6.270	3.198	0.51	1.636
22	18	6.698	4.488	0.67	1.378	6.413	4.297	0.67	1.446	6.156	4.125	0.67	1.515	5.928	3.972	0.67	1.584
22	20	6.983	3.841	0.55	1.446	6.698	3.684	0.55	1.533	6.498	3.574	0.55	1.567	6.270	3.449	0.55	1.636
22	22	7.268	3.125	0.43	1.498	7.011	3.015	0.43	1.593	6.840	2.941	0.43	1.636	6.555	2.819	0.43	1.705
23	18	6.698	4.756	0.71	1.378	6.413	4.553	0.71	1.446	6.156	4.371	0.71	1.515	5.928	4.209	0.71	1.584
23	20	6.983	4.120	0.59	1.446	6.698	3.952	0.59	1.533	6.498	3.834	0.59	1.567	6.270	3.699	0.59	1.636
23	22	7.268	3.416	0.47	1.498	7.011	3.295	0.47	1.593	6.840	3.215	0.47	1.636	6.555	3.081	0.47	1.705
24	18	6.698	5.024	0.75	1.378	6.413	4.810	0.75	1.446	6.156	4.617	0.75	1.515	5.928	4.446	0.75	1.584
24	20	6.983	4.399	0.63	1.446	6.698	4.220	0.63	1.533	6.498	4.094	0.63	1.567	6.270	3.950	0.63	1.636
24	22	7.268	3.707	0.51	1.498	7.011	3.576	0.51	1.593	6.840	3.488	0.51	1.636	6.555	3.343	0.51	1.705
24	24	7.638	2.979	0.39	1.567	7.353	2.868	0.39	1.653	7.182	2.801	0.39	1.705	6.954	2.712	0.39	1.791
25	20	6.983	4.679	0.67	1.446	6.698	4.488	0.67	1.533	6.498	4.354	0.67	1.567	6.270	4.201	0.67	1.636
25	22	7.268	3.997	0.55	1.498	7.011	3.856	0.55	1.593	6.840	3.762	0.55	1.636	6.555	3.605	0.55	1.705
25	24	7.638	3.284	0.43	1.567	7.353	3.162	0.43	1.653	7.182	3.088	0.43	1.705	6.954	2.990	0.43	1.791
26	18	6.698	5.559	0.83	1.378	6.413	5.323	0.83	1.446	6.156	5.109	0.83	1.515	5.928	4.920	0.83	1.584
26	20	6.983	4.958	0.71	1.446	6.698	4.756	0.71	1.533	6.498	4.614	0.71	1.567	6.270	4.452	0.71	1.636
26	22	7.268	4.288	0.59	1.498	7.011	4.136	0.59	1.593	6.840	4.036	0.59	1.636	6.555	3.867	0.59	1.705
26	24	7.638	3.590	0.47	1.567	7.353	3.456	0.47	1.653	7.182	3.376	0.47	1.705	6.954	3.268	0.47	1.791
26	26	7.866	2.753	0.35	1.653	7.638	2.673	0.35	1.739	7.524	2.633	0.35	1.791	7.296	2.554	0.35	1.843
27	18	6.698	5.827	0.87	1.378	6.413	5.579	0.87	1.446	6.156	5.356	0.87	1.515	5.928	5.157	0.87	1.584
27	20	6.983	5.237	0.75	1.446	6.698	5.024	0.75	1.533	6.498	4.874	0.75	1.567	6.270	4.703	0.75	1.636
27	22	7.268	4.579	0.63	1.498	7.011	4.417	0.63	1.593	6.840	4.309	0.63	1.636	6.555	4.130	0.63	1.705
27	24	7.638	3.895	0.51	1.567	7.353	3.750	0.51	1.653	7.182	3.663	0.51	1.705	6.954	3.547	0.51	1.791
27	26	7.866	3.068	0.39	1.653	7.638	2.979	0.39	1.739	7.524	2.934	0.39	1.791	7.296	2.845	0.39	1.843
28	18	6.698	6.095	0.91	1.378	6.413	5.836	0.91	1.446	6.156	5.602	0.91	1.515	5.928	5.394	0.91	1.584
28	20	6.983	5.517	0.79	1.446	6.698	5.291	0.79	1.533	6.498	5.133	0.79	1.567	6.270	4.953	0.79	1.636
28	22	7.268	4.870	0.67	1.498	7.011	4.697	0.67	1.593	6.840	4.583	0.67	1.636	6.555	4.392	0.67	1.705
28	24	7.638	4.201	0.55	1.567	7.353	4.044	0.55	1.653	7.182	3.950	0.55	1.705	6.954	3.825	0.55	1.791
28	26	7.866	3.382	0.43	1.653	7.638	3.284	0.43	1.739	7.524	3.235	0.43	1.791	7.296	3.137	0.43	1.843
29	18	6.698	6.363	0.95	1.378	6.413	6.092	0.95	1.446	6.156	5.848	0.95	1.515	5.928	5.632	0.95	1.584
29	20	6.983	5.796	0.83	1.446	6.698	5.559	0.83	1.533	6.498	5.393	0.83	1.567	6.270	5.204	0.83	1.636
29	22	7.268	5.160	0.71	1.498	7.011	4.978	0.71	1.593	6.840	4.856	0.71	1.636	6.555	4.654	0.71	1.705
29	24	7.638	4.506	0.59	1.567	7.353	4.338	0.59	1.653	7.182	4.237	0.59	1.705	6.954	4.103	0.59	1.791
29	26	7.866	3.697	0.47	1.653	7.638	3.590	0.47	1.739	7.524	3.536	0.47	1.791	7.296	3.429	0.47	1.843
30	18	6.698	6.631	0.99	1.378	6.413	6.349	0.99	1.446	6.156	6.094	0.99	1.515	5.928	5.869	0.99	1.584
30	20	6.983	6.075	0.87	1.446	6.698	5.827	0.87	1.533	6.498	5.653	0.87	1.567	6.270	5.455	0.87	1.636
30	22	7.268	5.451	0.75	1.498	7.011	5.258	0.75	1.593	6.840	5.130	0.75	1.636	6.555	4.916	0.75	1.705
30	24	7.638	4.812	0.63	1.567	7.353	4.632	0.63	1.653	7.182	4.525	0.63	1.705	6.954	4.381	0.63	1.791
30	26	7.866	4.012	0.51	1.653	7.638	3.895	0.51	1.739	7.524	3.837	0.51	1.791	7.296	3.721	0.51	1.843
31	18	6.698	6.698	1.00	1.378	6.413	6.413	1.00	1.446	6.156	6.156	1.00	1.515	5.928	5.928	1.00	1.584
31	20	6.983	6.355	0.91	1.446	6.698	6.095	0.91	1.533	6.498	5.913	0.91	1.567	6.270	5.706	0.91	1.636
31	22	7.268	5.742	0.79	1.498	7.011	5.539	0.79	1.593	6.840	5.404	0.79	1.636	6.555	5.178	0.79	1.705
31	24	7.638	5.117	0.67	1.567	7.353	4.927	0.67	1.653	7.182	4.812	0.67	1.705	6.954	4.659	0.67	1.791
31	26	7.866	4.326	0.55	1.653	7.638	4.201	0.55	1.739	7.524	4.138	0.55	1.791	7.296	4.013	0.55	1.843
32	18	6.698	6.698	1.00	1.378	6.413	6.413	1.00	1.446	6.156	6.156	1.00	1.515	5.928	5.928	1.00	1.584
32	20	6.983	6.634	0.95	1.446	6.698	6.363	0.95	1.533	6.498	6.173	0.95	1.567	6.270	5.957	0.95	1.636
32	22	7.268	6.032	0.83	1.498	7.011	5.819	0.83	1.593	6.840	5.677	0.83	1.636	6.555	5.441	0.83	1.705
32	24	7.638	5.423	0.71	1.567	7.353	5.221	0.71	1.653	7.182	5.099	0.71	1.705	6.954	4.937	0.71	1.791
32	26	7.866	4.641	0.59	1.653	7.638	4.506	0.59	1.739	7.524	4.439	0.59	1.791	7.296	4.305	0.59	1.843

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M60KA2 / SUZ-KA60VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	3.519	0.63	1.688	5.130	3.232	0.63	1.791	4.731	2.981	0.63	1.860
21	20	5.871	2.994	0.51	1.756	5.472	2.791	0.51	1.843	5.073	2.587	0.51	1.946
22	18	5.586	3.743	0.67	1.688	5.130	3.437	0.67	1.791	4.731	3.170	0.67	1.860
22	20	5.871	3.229	0.55	1.756	5.472	3.010	0.55	1.843	5.073	2.790	0.55	1.946
22	22	6.213	2.672	0.43	1.825	5.814	2.500	0.43	1.929	5.415	2.328	0.43	1.998
23	18	5.586	3.966	0.71	1.688	5.130	3.642	0.71	1.791	4.731	3.359	0.71	1.860
23	20	5.871	3.464	0.59	1.756	5.472	3.228	0.59	1.843	5.073	2.993	0.59	1.946
23	22	6.213	2.920	0.47	1.825	5.814	2.733	0.47	1.929	5.415	2.545	0.47	1.998
24	18	5.586	4.190	0.75	1.688	5.130	3.848	0.75	1.791	4.731	3.548	0.75	1.860
24	20	5.871	3.699	0.63	1.756	5.472	3.447	0.63	1.843	5.073	3.196	0.63	1.946
24	22	6.213	3.169	0.51	1.825	5.814	2.965	0.51	1.929	5.415	2.762	0.51	1.998
24	24	6.555	2.556	0.39	1.894	6.156	2.401	0.39	1.980	5.814	2.267	0.39	2.066
25	20	5.871	3.934	0.67	1.756	5.472	3.666	0.67	1.843	5.073	3.399	0.67	1.946
25	22	6.213	3.417	0.55	1.825	5.814	3.198	0.55	1.929	5.415	2.978	0.55	1.998
25	24	6.555	2.819	0.43	1.894	6.156	2.647	0.43	1.980	5.814	2.500	0.43	2.066
26	18	5.586	4.636	0.83	1.688	5.130	4.258	0.83	1.791	4.731	3.927	0.83	1.860
26	20	5.871	4.168	0.71	1.756	5.472	3.885	0.71	1.843	5.073	3.602	0.71	1.946
26	22	6.213	3.666	0.59	1.825	5.814	3.430	0.59	1.929	5.415	3.195	0.59	1.998
26	24	6.555	3.081	0.47	1.894	6.156	2.893	0.47	1.980	5.814	2.733	0.47	2.066
26	26	6.897	2.414	0.35	1.963	6.498	2.274	0.35	2.049	6.099	2.135	0.35	2.135
27	18	5.586	4.860	0.87	1.688	5.130	4.463	0.87	1.791	4.731	4.116	0.87	1.860
27	20	5.871	4.403	0.75	1.756	5.472	4.104	0.75	1.843	5.073	3.805	0.75	1.946
27	22	6.213	3.914	0.63	1.825	5.814	3.663	0.63	1.929	5.415	3.411	0.63	1.998
27	24	6.555	3.343	0.51	1.894	6.156	3.140	0.51	1.980	5.814	2.965	0.51	2.066
27	26	6.897	2.690	0.39	1.963	6.498	2.534	0.39	2.049	6.099	2.379	0.39	2.135
28	18	5.586	5.083	0.91	1.688	5.130	4.668	0.91	1.791	4.731	4.305	0.91	1.860
28	20	5.871	4.638	0.79	1.756	5.472	4.323	0.79	1.843	5.073	4.008	0.79	1.946
28	22	6.213	4.163	0.67	1.825	5.814	3.895	0.67	1.929	5.415	3.628	0.67	1.998
28	24	6.555	3.605	0.55	1.894	6.156	3.386	0.55	1.980	5.814	3.198	0.55	2.066
28	26	6.897	2.966	0.43	1.963	6.498	2.794	0.43	2.049	6.099	2.623	0.43	2.135
29	18	5.586	5.307	0.95	1.688	5.130	4.874	0.95	1.791	4.731	4.494	0.95	1.860
29	20	5.871	4.873	0.83	1.756	5.472	4.542	0.83	1.843	5.073	4.211	0.83	1.946
29	22	6.213	4.411	0.71	1.825	5.814	4.128	0.71	1.929	5.415	3.845	0.71	1.998
29	24	6.555	3.867	0.59	1.894	6.156	3.632	0.59	1.980	5.814	3.430	0.59	2.066
29	26	6.897	3.242	0.47	1.963	6.498	3.054	0.47	2.049	6.099	2.867	0.47	2.135
30	18	5.586	5.530	0.99	1.688	5.130	5.079	0.99	1.791	4.731	4.684	0.99	1.860
30	20	5.871	5.108	0.87	1.756	5.472	4.761	0.87	1.843	5.073	4.414	0.87	1.946
30	22	6.213	4.660	0.75	1.825	5.814	4.361	0.75	1.929	5.415	4.061	0.75	1.998
30	24	6.555	4.130	0.63	1.894	6.156	3.878	0.63	1.980	5.814	3.663	0.63	2.066
30	26	6.897	3.517	0.51	1.963	6.498	3.314	0.51	2.049	6.099	3.110	0.51	2.135
31	18	5.586	5.586	1.00	1.688	5.130	5.130	1.00	1.791	4.731	4.731	1.00	1.860
31	20	5.871	5.343	0.91	1.756	5.472	4.980	0.91	1.843	5.073	4.616	0.91	1.946
31	22	6.213	4.908	0.79	1.825	5.814	4.593	0.79	1.929	5.415	4.278	0.79	1.998
31	24	6.555	4.392	0.67	1.894	6.156	4.125	0.67	1.980	5.814	3.895	0.67	2.066
31	26	6.897	3.793	0.55	1.963	6.498	3.574	0.55	2.049	6.099	3.354	0.55	2.135
32	18	5.586	5.586	1.00	1.688	5.130	5.130	1.00	1.791	4.731	4.731	1.00	1.860
32	20	5.871	5.577	0.95	1.756	5.472	5.198	0.95	1.843	5.073	4.819	0.95	1.946
32	22	6.213	5.157	0.83	1.825	5.814	4.826	0.83	1.929	5.415	4.494	0.83	1.998
32	24	6.555	4.654	0.71	1.894	6.156	4.371	0.71	1.980	5.814	4.128	0.71	2.066
32	26	6.897	4.069	0.59	1.963	6.498	3.834	0.59	2.049	6.099	3.598	0.59	2.135

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-KA71VA6

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	4.839	0.58	1.646	7.988	4.633	0.58	1.728	7.668	4.447	0.58	1.810	7.384	4.283	0.58	1.892
21	20	8.698	4.001	0.46	1.728	8.343	3.838	0.46	1.831	8.094	3.723	0.46	1.872	7.810	3.593	0.46	1.954
22	18	8.343	5.173	0.62	1.646	7.988	4.953	0.62	1.728	7.668	4.754	0.62	1.810	7.384	4.578	0.62	1.892
22	20	8.698	4.349	0.50	1.728	8.343	4.172	0.50	1.831	8.094	4.047	0.50	1.872	7.810	3.905	0.50	1.954
22	22	9.053	3.440	0.38	1.790	8.733	3.319	0.38	1.903	8.520	3.238	0.38	1.954	8.165	3.103	0.38	2.036
23	18	8.343	5.506	0.66	1.646	7.988	5.272	0.66	1.728	7.668	5.061	0.66	1.810	7.384	4.873	0.66	1.892
23	20	8.698	4.697	0.54	1.728	8.343	4.505	0.54	1.831	8.094	4.371	0.54	1.872	7.810	4.217	0.54	1.954
23	22	9.053	3.802	0.42	1.790	8.733	3.668	0.42	1.903	8.520	3.578	0.42	1.954	8.165	3.429	0.42	2.036
24	18	8.343	5.840	0.70	1.646	7.988	5.592	0.70	1.728	7.668	5.368	0.70	1.810	7.384	5.169	0.70	1.892
24	20	8.698	5.045	0.58	1.728	8.343	4.839	0.58	1.831	8.094	4.695	0.58	1.872	7.810	4.530	0.58	1.954
24	22	9.053	4.164	0.46	1.790	8.733	4.017	0.46	1.903	8.520	3.919	0.46	1.954	8.165	3.756	0.46	2.036
24	24	9.514	3.235	0.34	1.872	9.159	3.114	0.34	1.975	8.946	3.042	0.34	2.036	8.662	2.945	0.34	2.139
25	20	8.698	5.393	0.62	1.728	8.343	5.173	0.62	1.831	8.094	5.018	0.62	1.872	7.810	4.842	0.62	1.954
25	22	9.053	4.527	0.50	1.790	8.733	4.367	0.50	1.903	8.520	4.260	0.50	1.954	8.165	4.083	0.50	2.036
25	24	9.514	3.615	0.38	1.872	9.159	3.480	0.38	1.975	8.946	3.399	0.38	2.036	8.662	3.292	0.38	2.139
26	18	8.343	6.508	0.78	1.646	7.988	6.231	0.78	1.728	7.668	5.981	0.78	1.810	7.384	5.760	0.78	1.892
26	20	8.698	5.741	0.66	1.728	8.343	5.506	0.66	1.831	8.094	5.342	0.66	1.872	7.810	5.155	0.66	1.954
26	22	9.053	4.889	0.54	1.790	8.733	4.716	0.54	1.903	8.520	4.601	0.54	1.954	8.165	4.409	0.54	2.036
26	24	9.514	3.996	0.42	1.872	9.159	3.847	0.42	1.975	8.946	3.757	0.42	2.036	8.662	3.638	0.42	2.139
26	26	9.798	2.939	0.30	1.975	9.514	2.854	0.30	2.078	9.372	2.812	0.30	2.139	9.088	2.726	0.30	2.201
27	18	8.343	6.841	0.82	1.646	7.988	6.550	0.82	1.728	7.668	6.288	0.82	1.810	7.384	6.055	0.82	1.892
27	20	8.698	6.089	0.70	1.728	8.343	5.840	0.70	1.831	8.094	5.666	0.70	1.872	7.810	5.467	0.70	1.954
27	22	9.053	5.251	0.58	1.790	8.733	5.065	0.58	1.903	8.520	4.942	0.58	1.954	8.165	4.736	0.58	2.036
27	24	9.514	4.376	0.46	1.872	9.159	4.213	0.46	1.975	8.946	4.115	0.46	2.036	8.662	3.985	0.46	2.139
27	26	9.798	3.331	0.34	1.975	9.514	3.235	0.34	2.078	9.372	3.186	0.34	2.139	9.088	3.090	0.34	2.201
28	18	8.343	7.175	0.86	1.646	7.988	6.870	0.86	1.728	7.668	6.594	0.86	1.810	7.384	6.350	0.86	1.892
28	20	8.698	6.437	0.74	1.728	8.343	6.174	0.74	1.831	8.094	5.990	0.74	1.872	7.810	5.779	0.74	1.954
28	22	9.053	5.613	0.62	1.790	8.733	5.414	0.62	1.903	8.520	5.282	0.62	1.954	8.165	5.062	0.62	2.036
28	24	9.514	4.757	0.50	1.872	9.159	4.580	0.50	1.975	8.946	4.473	0.50	2.036	8.662	4.331	0.50	2.139
28	26	9.798	3.723	0.38	1.975	9.514	3.615	0.38	2.078	9.372	3.561	0.38	2.139	9.088	3.453	0.38	2.201
29	18	8.343	7.509	0.90	1.646	7.988	7.189	0.90	1.728	7.668	6.901	0.90	1.810	7.384	6.646	0.90	1.892
29	20	8.698	6.784	0.78	1.728	8.343	6.508	0.78	1.831	8.094	6.313	0.78	1.872	7.810	6.092	0.78	1.954
29	22	9.053	5.975	0.66	1.790	8.733	5.764	0.66	1.903	8.520	5.623	0.66	1.954	8.165	5.389	0.66	2.036
29	24	9.514	5.138	0.54	1.872	9.159	4.946	0.54	1.975	8.946	4.831	0.54	2.036	8.662	4.677	0.54	2.139
29	26	9.798	4.115	0.42	1.975	9.514	3.996	0.42	2.078	9.372	3.936	0.42	2.139	9.088	3.817	0.42	2.201
30	18	8.343	7.842	0.94	1.646	7.988	7.509	0.94	1.728	7.668	7.208	0.94	1.810	7.384	6.941	0.94	1.892
30	20	8.698	7.132	0.82	1.728	8.343	6.841	0.82	1.831	8.094	6.637	0.82	1.872	7.810	6.404	0.82	1.954
30	22	9.053	6.337	0.70	1.790	8.733	6.113	0.70	1.903	8.520	5.964	0.70	1.954	8.165	5.716	0.70	2.036
30	24	9.514	5.518	0.58	1.872	9.159	5.312	0.58	1.975	8.946	5.189	0.58	2.036	8.662	5.024	0.58	2.139
30	26	9.798	4.507	0.46	1.975	9.514	4.376	0.46	2.078	9.372	4.311	0.46	2.139	9.088	4.180	0.46	2.201
31	18	8.343	8.176	0.98	1.646	7.988	7.828	0.98	1.728	7.668	7.515	0.98	1.810	7.384	7.236	0.98	1.892
31	20	8.698	7.480	0.86	1.728	8.343	7.175	0.86	1.831	8.094	6.961	0.86	1.872	7.810	6.717	0.86	1.954
31	22	9.053	6.699	0.74	1.790	8.733	6.462	0.74	1.903	8.520	6.305	0.74	1.954	8.165	6.042	0.74	2.036
31	24	9.514	5.899	0.62	1.872	9.159	5.679	0.62	1.975	8.946	5.547	0.62	2.036	8.662	5.370	0.62	2.139
31	26	9.798	4.899	0.50	1.975	9.514	4.757	0.50	2.078	9.372	4.686	0.50	2.139	9.088	4.544	0.50	2.201
32	18	8.343	8.343	1.00	1.646	7.988	7.988	1.00	1.728	7.668	7.668	1.00	1.810	7.384	7.384	1.00	1.892
32	20	8.698	7.828	0.90	1.728	8.343	7.509	0.90	1.831	8.094	7.285	0.90	1.872	7.810	7.029	0.90	1.954
32	22	9.053	7.061	0.78	1.790	8.733	6.812	0.78	1.903	8.520	6.646	0.78	1.954	8.165	6.369	0.78	2.036
32	24	9.514	6.279	0.66	1.872	9.159	6.045	0.66	1.975	8.946	5.904	0.66	2.036	8.662	5.717	0.66	2.139
32	26	9.798	5.291	0.54	1.975	9.514	5.138	0.54	2.078	9.372	5.061	0.54	2.139	9.088	4.908	0.54	2.201

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.036	0.58	2.016	6.390	3.706	0.58	2.139	5.893	3.418	0.58	2.222
21	20	7.313	3.364	0.46	2.098	6.816	3.135	0.46	2.201	6.319	2.907	0.46	2.324
22	18	6.958	4.314	0.62	2.016	6.390	3.962	0.62	2.139	5.893	3.654	0.62	2.222
22	20	7.313	3.657	0.50	2.098	6.816	3.408	0.50	2.201	6.319	3.160	0.50	2.324
22	22	7.739	2.941	0.38	2.180	7.242	2.752	0.38	2.304	6.745	2.563	0.38	2.386
23	18	6.958	4.592	0.66	2.016	6.390	4.217	0.66	2.139	5.893	3.889	0.66	2.222
23	20	7.313	3.949	0.54	2.098	6.816	3.681	0.54	2.201	6.319	3.412	0.54	2.324
23	22	7.739	3.250	0.42	2.180	7.242	3.042	0.42	2.304	6.745	2.833	0.42	2.386
24	18	6.958	4.871	0.70	2.016	6.390	4.473	0.70	2.139	5.893	4.125	0.70	2.222
24	20	7.313	4.242	0.58	2.098	6.816	3.953	0.58	2.201	6.319	3.665	0.58	2.324
24	22	7.739	3.560	0.46	2.180	7.242	3.331	0.46	2.304	6.745	3.103	0.46	2.386
24	24	8.165	2.776	0.34	2.263	7.668	2.607	0.34	2.366	7.242	2.462	0.34	2.468
25	20	7.313	4.534	0.62	2.098	6.816	4.226	0.62	2.201	6.319	3.918	0.62	2.324
25	22	7.739	3.870	0.50	2.180	7.242	3.621	0.50	2.304	6.745	3.373	0.50	2.386
25	24	8.165	3.103	0.38	2.263	7.668	2.914	0.38	2.366	7.242	2.752	0.38	2.468
26	18	6.958	5.427	0.78	2.016	6.390	4.984	0.78	2.139	5.893	4.597	0.78	2.222
26	20	7.313	4.827	0.66	2.098	6.816	4.499	0.66	2.201	6.319	4.171	0.66	2.324
26	22	7.739	4.179	0.54	2.180	7.242	3.911	0.54	2.304	6.745	3.642	0.54	2.386
26	24	8.165	3.429	0.42	2.263	7.668	3.221	0.42	2.366	7.242	3.042	0.42	2.468
26	26	8.591	2.577	0.30	2.345	8.094	2.428	0.30	2.448	7.597	2.279	0.30	2.551
27	18	6.958	5.706	0.82	2.016	6.390	5.240	0.82	2.139	5.893	4.832	0.82	2.222
27	20	7.313	5.119	0.70	2.098	6.816	4.771	0.70	2.201	6.319	4.423	0.70	2.324
27	22	7.739	4.489	0.58	2.180	7.242	4.200	0.58	2.304	6.745	3.912	0.58	2.386
27	24	8.165	3.756	0.46	2.263	7.668	3.527	0.46	2.366	7.242	3.331	0.46	2.468
27	26	8.591	2.921	0.34	2.345	8.094	2.752	0.34	2.448	7.597	2.583	0.34	2.551
28	18	6.958	5.984	0.86	2.016	6.390	5.495	0.86	2.139	5.893	5.068	0.86	2.222
28	20	7.313	5.412	0.74	2.098	6.816	5.044	0.74	2.201	6.319	4.676	0.74	2.324
28	22	7.739	4.798	0.62	2.180	7.242	4.490	0.62	2.304	6.745	4.182	0.62	2.386
28	24	8.165	4.083	0.50	2.263	7.668	3.834	0.50	2.366	7.242	3.621	0.50	2.468
28	26	8.591	3.265	0.38	2.345	8.094	3.076	0.38	2.448	7.597	2.887	0.38	2.551
29	18	6.958	6.262	0.90	2.016	6.390	5.751	0.90	2.139	5.893	5.304	0.90	2.222
29	20	7.313	5.704	0.78	2.098	6.816	5.316	0.78	2.201	6.319	4.929	0.78	2.324
29	22	7.739	5.108	0.66	2.180	7.242	4.780	0.66	2.304	6.745	4.452	0.66	2.386
29	24	8.165	4.409	0.54	2.263	7.668	4.141	0.54	2.366	7.242	3.911	0.54	2.468
29	26	8.591	3.608	0.42	2.345	8.094	3.399	0.42	2.448	7.597	3.191	0.42	2.551
30	18	6.958	6.541	0.94	2.016	6.390	6.007	0.94	2.139	5.893	5.539	0.94	2.222
30	20	7.313	5.997	0.82	2.098	6.816	5.589	0.82	2.201	6.319	5.182	0.82	2.324
30	22	7.739	5.417	0.70	2.180	7.242	5.069	0.70	2.304	6.745	4.722	0.70	2.386
30	24	8.165	4.736	0.58	2.263	7.668	4.447	0.58	2.366	7.242	4.200	0.58	2.468
30	26	8.591	3.952	0.46	2.345	8.094	3.723	0.46	2.448	7.597	3.495	0.46	2.551
31	18	6.958	6.819	0.98	2.016	6.390	6.262	0.98	2.139	5.893	5.775	0.98	2.222
31	20	7.313	6.289	0.86	2.098	6.816	5.862	0.86	2.201	6.319	5.434	0.86	2.324
31	22	7.739	5.727	0.74	2.180	7.242	5.359	0.74	2.304	6.745	4.991	0.74	2.386
31	24	8.165	5.062	0.62	2.263	7.668	4.754	0.62	2.366	7.242	4.490	0.62	2.468
31	26	8.591	4.296	0.50	2.345	8.094	4.047	0.50	2.448	7.597	3.799	0.50	2.551
32	18	6.958	6.958	1.00	2.016	6.390	6.390	1.00	2.139	5.893	5.893	1.00	2.222
32	20	7.313	6.582	0.90	2.098	6.816	6.134	0.90	2.201	6.319	5.687	0.90	2.324
32	22	7.739	6.036	0.78	2.180	7.242	5.649	0.78	2.304	6.745	5.261	0.78	2.386
32	24	8.165	5.389	0.66	2.263	7.668	5.061	0.66	2.366	7.242	4.780	0.66	2.468
32	26	8.591	4.639	0.54	2.345	8.094	4.371	0.54	2.448	7.597	4.102	0.54	2.551

CEILING-SUSPENDED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M100KA2 / PUHZ-P100VKA PUHZ-P100YKA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	9.306	6.235	0.67	2.441	9.024	6.046	0.67	2.578	8.742	5.857	0.67	2.731
20	18	9.964	5.480	0.55	2.487	9.682	5.325	0.55	2.624	9.353	5.144	0.55	2.807
20	20	10.716	4.608	0.43	2.563	10.481	4.507	0.43	2.685	10.199	4.386	0.43	2.868
22	16	9.306	6.980	0.75	2.441	9.024	6.768	0.75	2.578	8.742	6.557	0.75	2.731
22	18	9.964	6.277	0.63	2.487	9.682	6.100	0.63	2.624	9.353	5.892	0.63	2.807
22	20	10.716	5.465	0.51	2.563	10.481	5.345	0.51	2.685	10.199	5.201	0.51	2.868
24	16	9.306	7.724	0.83	2.441	9.024	7.490	0.83	2.578	8.742	7.256	0.83	2.731
24	18	9.964	7.074	0.71	2.487	9.682	6.874	0.71	2.624	9.353	6.641	0.71	2.807
24	20	10.716	6.322	0.59	2.563	10.481	6.184	0.59	2.685	10.199	6.017	0.59	2.868
24	22	11.421	5.368	0.47	2.624	11.186	5.257	0.47	2.776	10.904	5.125	0.47	2.959
26	16	9.306	8.468	0.91	2.441	9.024	8.212	0.91	2.578	8.742	7.955	0.91	2.731
26	18	9.964	7.872	0.79	2.487	9.682	7.649	0.79	2.624	9.353	7.389	0.79	2.807
26	20	10.716	7.180	0.67	2.563	10.481	7.022	0.67	2.685	10.199	6.833	0.67	2.868
26	22	11.421	6.282	0.55	2.624	11.186	6.152	0.55	2.776	10.904	5.997	0.55	2.959
27	16	9.306	8.841	0.95	2.441	9.024	8.573	0.95	2.578	8.742	8.305	0.95	2.731
27	18	9.964	8.270	0.83	2.487	9.682	8.036	0.83	2.624	9.353	7.763	0.83	2.807
27	20	10.716	7.608	0.71	2.563	10.481	7.442	0.71	2.685	10.199	7.241	0.71	2.868
27	22	11.421	6.738	0.59	2.624	11.186	6.600	0.59	2.776	10.904	6.433	0.59	2.959
28	16	9.306	9.213	0.99	2.441	9.024	8.934	0.99	2.578	8.742	8.655	0.99	2.731
28	18	9.964	8.669	0.87	2.487	9.682	8.423	0.87	2.624	9.353	8.137	0.87	2.807
28	20	10.716	8.037	0.75	2.563	10.481	7.861	0.75	2.685	10.199	7.649	0.75	2.868
28	22	11.421	7.195	0.63	2.624	11.186	7.047	0.63	2.776	10.904	6.870	0.63	2.959
30	16	9.306	9.306	1.00	2.441	9.024	9.024	1.00	2.578	8.742	8.742	1.00	2.731
30	18	9.964	9.466	0.95	2.487	9.682	9.198	0.95	2.624	9.353	8.885	0.95	2.807
30	20	10.716	8.894	0.83	2.563	10.481	8.699	0.83	2.685	10.199	8.465	0.83	2.868
30	22	11.421	8.109	0.71	2.624	11.186	7.942	0.71	2.776	10.904	7.742	0.71	2.959
32	16	9.306	9.306	1.00	2.441	9.024	9.024	1.00	2.578	8.742	8.742	1.00	2.731
32	18	9.964	9.964	1.00	2.487	9.682	9.682	1.00	2.624	9.353	9.353	1.00	2.807
32	20	10.716	9.752	0.91	2.563	10.481	9.538	0.91	2.685	10.199	9.281	0.91	2.868
32	22	11.421	9.023	0.79	2.624	11.186	8.837	0.79	2.776	10.904	8.614	0.79	2.959
34	16	9.306	9.306	1.00	2.441	9.024	9.024	1.00	2.578	8.742	8.742	1.00	2.731
34	18	9.964	9.964	1.00	2.487	9.682	9.682	1.00	2.624	9.353	9.353	1.00	2.807
34	20	10.716	10.609	0.99	2.563	10.481	10.376	0.99	2.685	10.199	10.097	0.99	2.868
34	22	11.421	9.936	0.87	2.624	11.186	9.732	0.87	2.776	10.904	9.486	0.87	2.959

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	8.366	5.605	0.67	2.929	7.990	5.353	0.67	3.143	7.614	5.101	0.67	3.402
20	18	9.024	4.963	0.55	3.005	8.742	4.808	0.55	3.234	8.178	4.498	0.55	3.478
20	20	9.776	4.204	0.43	3.082	9.400	4.042	0.43	3.295	8.836	3.799	0.43	3.539
22	16	8.366	6.275	0.75	2.929	7.990	5.993	0.75	3.143	7.614	5.711	0.75	3.402
22	18	9.024	5.685	0.63	3.005	8.742	5.507	0.63	3.234	8.178	5.152	0.63	3.478
22	20	9.776	4.986	0.51	3.082	9.400	4.794	0.51	3.295	8.836	4.506	0.51	3.539
24	16	8.366	6.944	0.83	2.929	7.990	6.632	0.83	3.143	7.614	6.320	0.83	3.402
24	18	9.024	6.407	0.71	3.005	8.742	6.207	0.71	3.234	8.178	5.806	0.71	3.478
24	20	9.776	5.768	0.59	3.082	9.400	5.546	0.59	3.295	8.836	5.213	0.59	3.539
24	22	10.528	4.948	0.47	3.143	10.152	4.771	0.47	3.387	9.588	4.506	0.47	3.600
26	16	8.366	7.613	0.91	2.929	7.990	7.271	0.91	3.143	7.614	6.929	0.91	3.402
26	18	9.024	7.129	0.79	3.005	8.742	6.906	0.79	3.234	8.178	6.461	0.79	3.478
26	20	9.776	6.550	0.67	3.082	9.400	6.298	0.67	3.295	8.836	5.920	0.67	3.539
26	22	10.528	5.790	0.55	3.143	10.152	5.584	0.55	3.387	9.588	5.273	0.55	3.600
27	16	8.366	7.948	0.95	2.929	7.990	7.591	0.95	3.143	7.614	7.233	0.95	3.402
27	18	9.024	7.490	0.83	3.005	8.742	7.256	0.83	3.234	8.178	6.788	0.83	3.478
27	20	9.776	6.941	0.71	3.082	9.400	6.674	0.71	3.295	8.836	6.274	0.71	3.539
27	22	10.528	6.212	0.59	3.143	10.152	5.990	0.59	3.387	9.588	5.657	0.59	3.600
28	16	8.366	8.282	0.99	2.929	7.990	7.910	0.99	3.143	7.614	7.538	0.99	3.402
28	18	9.024	7.851	0.87	3.005	8.742	7.606	0.87	3.234	8.178	7.115	0.87	3.478
28	20	9.776	7.332	0.75	3.082	9.400	7.050	0.75	3.295	8.836	6.627	0.75	3.539
28	22	10.528	6.633	0.63	3.143	10.152	6.396	0.63	3.387	9.588	6.040	0.63	3.600
30	16	8.366	8.366	1.00	2.929	7.990	7.990	1.00	3.143	7.614	7.614	1.00	3.402
30	18	9.024	8.573	0.95	3.005	8.742	8.305	0.95	3.234	8.178	7.769	0.95	3.478
30	20	9.776	8.114	0.83	3.082	9.400	7.802	0.83	3.295	8.836	7.334	0.83	3.539
30	22	10.528	7.475	0.71	3.143	10.152	7.208	0.71	3.387	9.588	6.807	0.71	3.600
32	16	8.366	8.366	1.00	2.929	7.990	7.990	1.00	3.143	7.614	7.614	1.00	3.402
32	18	9.024	9.024	1.00	3.005	8.742	8.742	1.00	3.234	8.178	8.178	1.00	3.478
32	20	9.776	8.896	0.91	3.082	9.400	8.554	0.91	3.295	8.836	8.041	0.91	3.539
32	22	10.528	8.317	0.79	3.143	10.152	8.020	0.79	3.387	9.588	7.575	0.79	3.600
34	16	8.366	8.366	1.00	2.929	7.990	7.990	1.00	3.143	7.614	7.614	1.00	3.402
34	18	9.024	9.024	1.00	3.005	8.742	8.742	1.00	3.234	8.178	8.178	1.00	3.478
34	20	9.776	9.678	0.99	3.082	9.400	9.306	0.99	3.295	8.836	8.748	0.99	3.539
34	22	10.528	9.159	0.87	3.143	10.152	8.832	0.87	3.387	9.588	8.342	0.87	3.600

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M125KA2 / PUHZ-P125VKA PUHZ-P125YK

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	11.979	7.427	0.62	3.396	11.616	7.202	0.62	3.587	11.253	6.977	0.62	3.799
20	18	12.826	6.413	0.50	3.460	12.463	6.232	0.50	3.651	12.040	6.020	0.50	3.905
20	20	13.794	5.242	0.38	3.566	13.492	5.127	0.38	3.736	13.129	4.989	0.38	3.990
22	16	11.979	8.385	0.70	3.396	11.616	8.131	0.70	3.587	11.253	7.877	0.70	3.799
22	18	12.826	7.439	0.58	3.460	12.463	7.229	0.58	3.651	12.040	6.983	0.58	3.905
22	20	13.794	6.345	0.46	3.566	13.492	6.206	0.46	3.736	13.129	6.039	0.46	3.990
24	16	11.979	9.344	0.78	3.396	11.616	9.060	0.78	3.587	11.253	8.777	0.78	3.799
24	18	12.826	8.465	0.66	3.460	12.463	8.226	0.66	3.651	12.040	7.946	0.66	3.905
24	20	13.794	7.449	0.54	3.566	13.492	7.286	0.54	3.736	13.129	7.090	0.54	3.990
24	22	14.702	6.175	0.42	3.651	14.399	6.048	0.42	3.863	14.036	5.895	0.42	4.118
26	16	11.979	10.302	0.86	3.396	11.616	9.990	0.86	3.587	11.253	9.678	0.86	3.799
26	18	12.826	9.491	0.74	3.460	12.463	9.223	0.74	3.651	12.040	8.910	0.74	3.905
26	20	13.794	8.552	0.62	3.566	13.492	8.365	0.62	3.736	13.129	8.140	0.62	3.990
26	22	14.702	7.351	0.50	3.651	14.399	7.200	0.50	3.863	14.036	7.018	0.50	4.118
27	16	11.979	10.781	0.90	3.396	11.616	10.454	0.90	3.587	11.253	10.128	0.90	3.799
27	18	12.826	10.004	0.78	3.460	12.463	9.721	0.78	3.651	12.040	9.391	0.78	3.905
27	20	13.794	9.104	0.66	3.566	13.492	8.905	0.66	3.736	13.129	8.665	0.66	3.990
27	22	14.702	7.939	0.54	3.651	14.399	7.775	0.54	3.863	14.036	7.579	0.54	4.118
28	16	11.979	11.260	0.94	3.396	11.616	10.919	0.94	3.587	11.253	10.578	0.94	3.799
28	18	12.826	10.517	0.82	3.460	12.463	10.220	0.82	3.651	12.040	9.873	0.82	3.905
28	20	13.794	9.656	0.70	3.566	13.492	9.444	0.70	3.736	13.129	9.190	0.70	3.990
28	22	14.702	8.527	0.58	3.651	14.399	8.351	0.58	3.863	14.036	8.141	0.58	4.118
30	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
30	18	12.826	11.543	0.90	3.460	12.463	11.217	0.90	3.651	12.040	10.836	0.90	3.905
30	20	13.794	10.759	0.78	3.566	13.492	10.524	0.78	3.736	13.129	10.241	0.78	3.990
30	22	14.702	9.703	0.66	3.651	14.399	9.503	0.66	3.863	14.036	9.264	0.66	4.118
32	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
32	18	12.826	12.569	0.98	3.460	12.463	12.214	0.98	3.651	12.040	11.799	0.98	3.905
32	20	13.794	11.863	0.86	3.566	13.492	11.603	0.86	3.736	13.129	11.291	0.86	3.990
32	22	14.702	10.879	0.74	3.651	14.399	10.655	0.74	3.863	14.036	10.387	0.74	4.118
34	16	11.979	11.979	1.00	3.396	11.616	11.616	1.00	3.587	11.253	11.253	1.00	3.799
34	18	12.826	12.826	1.00	3.460	12.463	12.463	1.00	3.651	12.040	12.040	1.00	3.905
34	20	13.794	12.966	0.94	3.566	13.492	12.682	0.94	3.736	13.129	12.341	0.94	3.990
34	22	14.702	12.056	0.82	3.651	14.399	11.807	0.82	3.863	14.036	11.510	0.82	4.118

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	10.769	6.677	0.62	4.075	10.285	6.377	0.62	4.372	9.801	6.077	0.62	4.733
20	18	11.616	5.808	0.50	4.181	11.253	5.627	0.50	4.500	10.527	5.264	0.50	4.839
20	20	12.584	4.782	0.38	4.287	12.100	4.598	0.38	4.585	11.374	4.322	0.38	4.924
22	16	10.769	7.538	0.70	4.075	10.285	7.200	0.70	4.372	9.801	6.861	0.70	4.733
22	18	11.616	6.737	0.58	4.181	11.253	6.527	0.58	4.500	10.527	6.106	0.58	4.839
22	20	12.584	5.789	0.46	4.287	12.100	5.566	0.46	4.585	11.374	5.232	0.46	4.924
24	16	10.769	8.400	0.78	4.075	10.285	8.022	0.78	4.372	9.801	7.645	0.78	4.733
24	18	11.616	7.667	0.66	4.181	11.253	7.427	0.66	4.500	10.527	6.948	0.66	4.839
24	20	12.584	6.795	0.54	4.287	12.100	6.534	0.54	4.585	11.374	6.142	0.54	4.924
24	22	13.552	5.692	0.42	4.372	13.068	5.489	0.42	4.712	12.342	5.184	0.42	5.009
26	16	10.769	9.261	0.86	4.075	10.285	8.845	0.86	4.372	9.801	8.429	0.86	4.733
26	18	11.616	8.596	0.74	4.181	11.253	8.327	0.74	4.500	10.527	7.790	0.74	4.839
26	20	12.584	7.802	0.62	4.287	12.100	7.502	0.62	4.585	11.374	7.052	0.62	4.924
26	22	13.552	6.776	0.50	4.372	13.068	6.534	0.50	4.712	12.342	6.171	0.50	5.009
27	16	10.769	9.692	0.90	4.075	10.285	9.257	0.90	4.372	9.801	8.821	0.90	4.733
27	18	11.616	9.060	0.78	4.181	11.253	8.777	0.78	4.500	10.527	8.211	0.78	4.839
27	20	12.584	8.305	0.66	4.287	12.100	7.986	0.66	4.585	11.374	7.507	0.66	4.924
27	22	13.552	7.318	0.54	4.372	13.068	7.057	0.54	4.712	12.342	6.665	0.54	5.009
28	16	10.769	10.123	0.94	4.075	10.285	9.668	0.94	4.372	9.801	9.213	0.94	4.733
28	18	11.616	9.525	0.82	4.181	11.253	9.227	0.82	4.500	10.527	8.632	0.82	4.839
28	20	12.584	8.809	0.70	4.287	12.100	8.470	0.70	4.585	11.374	7.962	0.70	4.924
28	22	13.552	7.860	0.58	4.372	13.068	7.579	0.58	4.712	12.342	7.158	0.58	5.009
30	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
30	18	11.616	10.454	0.90	4.181	11.253	10.128	0.90	4.500	10.527	9.474	0.90	4.839
30	20	12.584	9.816	0.78	4.287	12.100	9.438	0.78	4.585	11.374	8.872	0.78	4.924
30	22	13.552	8.944	0.66	4.372	13.068	8.625	0.66	4.712	12.342	8.146	0.66	5.009
32	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
32	18	11.616	11.384	0.98	4.181	11.253	11.028	0.98	4.500	10.527	10.316	0.98	4.839
32	20	12.584	10.822	0.86	4.287	12.100	10.406	0.86	4.585	11.374	9.782	0.86	4.924
32	22	13.552	10.028	0.74	4.372	13.068	9.670	0.74	4.712	12.342	9.133	0.74	5.009
34	16	10.769	10.769	1.00	4.075	10.285	10.285	1.00	4.372	9.801	9.801	1.00	4.733
34	18	11.616	11.616	1.00	4.181	11.253	11.253	1.00	4.500	10.527	10.527	1.00	4.839
34	20	12.584	11.829	0.94	4.287	12.100	11.374	0.94	4.585	11.374	10.692	0.94	4.924
34	22	13.552	11.113	0.82	4.372	13.068	10.716	0.82	4.712	12.342	10.120	0.82	5.009

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M140KA2 / PUHZ-P140VKA PUHZ-P140YKA

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	13.464	8.348	0.62	4.514	13.056	8.095	0.62	4.768	12.648	7.842	0.62	5.050
20	18	14.416	7.208	0.50	4.599	14.008	7.004	0.50	4.853	13.532	6.766	0.50	5.192
20	20	15.504	5.892	0.38	4.740	15.164	5.762	0.38	4.966	14.756	5.607	0.38	5.304
22	16	13.464	9.425	0.70	4.514	13.056	9.139	0.70	4.768	12.648	8.854	0.70	5.050
22	18	14.416	8.361	0.58	4.599	14.008	8.125	0.58	4.853	13.532	7.849	0.58	5.192
22	20	15.504	7.132	0.46	4.740	15.164	6.975	0.46	4.966	14.756	6.788	0.46	5.304
24	16	13.464	10.502	0.78	4.514	13.056	10.184	0.78	4.768	12.648	9.865	0.78	5.050
24	18	14.416	9.515	0.66	4.599	14.008	9.245	0.66	4.853	13.532	8.931	0.66	5.192
24	20	15.504	8.372	0.54	4.740	15.164	8.189	0.54	4.966	14.756	7.968	0.54	5.304
24	22	16.524	6.940	0.42	4.853	16.184	6.797	0.42	5.135	15.776	6.626	0.42	5.474
26	16	13.464	11.579	0.86	4.514	13.056	11.228	0.86	4.768	12.648	10.877	0.86	5.050
26	18	14.416	10.668	0.74	4.599	14.008	10.366	0.74	4.853	13.532	10.014	0.74	5.192
26	20	15.504	9.612	0.62	4.740	15.164	9.402	0.62	4.966	14.756	9.149	0.62	5.304
26	22	16.524	8.262	0.50	4.853	16.184	8.092	0.50	5.135	15.776	7.888	0.50	5.474
27	16	13.464	12.118	0.90	4.514	13.056	11.750	0.90	4.768	12.648	11.383	0.90	5.050
27	18	14.416	11.244	0.78	4.599	14.008	10.926	0.78	4.853	13.532	10.555	0.78	5.192
27	20	15.504	10.233	0.66	4.740	15.164	10.008	0.66	4.966	14.756	9.739	0.66	5.304
27	22	16.524	8.923	0.54	4.853	16.184	8.739	0.54	5.135	15.776	8.519	0.54	5.474
28	16	13.464	12.656	0.94	4.514	13.056	12.273	0.94	4.768	12.648	11.889	0.94	5.050
28	18	14.416	11.821	0.82	4.599	14.008	11.487	0.82	4.853	13.532	11.096	0.82	5.192
28	20	15.504	10.853	0.70	4.740	15.164	10.615	0.70	4.966	14.756	10.329	0.70	5.304
28	22	16.524	9.584	0.58	4.853	16.184	9.387	0.58	5.135	15.776	9.150	0.58	5.474
30	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
30	18	14.416	12.974	0.90	4.599	14.008	12.607	0.90	4.853	13.532	12.179	0.90	5.192
30	20	15.504	12.093	0.78	4.740	15.164	11.828	0.78	4.966	14.756	11.510	0.78	5.304
30	22	16.524	10.906	0.66	4.853	16.184	10.681	0.66	5.135	15.776	10.412	0.66	5.474
32	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
32	18	14.416	14.128	0.98	4.599	14.008	13.728	0.98	4.853	13.532	13.261	0.98	5.192
32	20	15.504	13.333	0.86	4.740	15.164	13.041	0.86	4.966	14.756	12.690	0.86	5.304
32	22	16.524	12.228	0.74	4.853	16.184	11.976	0.74	5.135	15.776	11.674	0.74	5.474
34	16	13.464	13.464	1.00	4.514	13.056	13.056	1.00	4.768	12.648	12.648	1.00	5.050
34	18	14.416	14.416	1.00	4.599	14.008	14.008	1.00	4.853	13.532	13.532	1.00	5.192
34	20	15.504	14.574	0.94	4.740	15.164	14.254	0.94	4.966	14.756	13.871	0.94	5.304
34	22	16.524	13.550	0.82	4.853	16.184	13.271	0.82	5.135	15.776	12.936	0.82	5.474

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	12.104	7.504	0.62	5.417	11.560	7.167	0.62	5.812	11.016	6.830	0.62	6.292
20	18	13.056	6.528	0.50	5.558	12.648	6.324	0.50	5.982	11.832	5.916	0.50	6.433
20	20	14.144	5.375	0.38	5.699	13.600	5.168	0.38	6.094	12.784	4.858	0.38	6.546
22	16	12.104	8.473	0.70	5.417	11.560	8.092	0.70	5.812	11.016	7.711	0.70	6.292
22	18	13.056	7.572	0.58	5.558	12.648	7.336	0.58	5.982	11.832	6.863	0.58	6.433
22	20	14.144	6.506	0.46	5.699	13.600	6.256	0.46	6.094	12.784	5.881	0.46	6.546
24	16	12.104	9.441	0.78	5.417	11.560	9.017	0.78	5.812	11.016	8.592	0.78	6.292
24	18	13.056	8.617	0.66	5.558	12.648	8.348	0.66	5.982	11.832	7.809	0.66	6.433
24	20	14.144	7.638	0.54	5.699	13.600	7.344	0.54	6.094	12.784	6.903	0.54	6.546
24	22	15.232	6.397	0.42	5.812	14.688	6.169	0.42	6.264	13.872	5.826	0.42	6.659
26	16	12.104	10.409	0.86	5.417	11.560	9.942	0.86	5.812	11.016	9.474	0.86	6.292
26	18	13.056	9.661	0.74	5.558	12.648	9.360	0.74	5.982	11.832	8.756	0.74	6.433
26	20	14.144	8.769	0.62	5.699	13.600	8.432	0.62	6.094	12.784	7.926	0.62	6.546
26	22	15.232	7.616	0.50	5.812	14.688	7.344	0.50	6.264	13.872	6.936	0.50	6.659
27	16	12.104	10.894	0.90	5.417	11.560	10.404	0.90	5.812	11.016	9.914	0.90	6.292
27	18	13.056	10.184	0.78	5.558	12.648	9.865	0.78	5.982	11.832	9.229	0.78	6.433
27	20	14.144	9.335	0.66	5.699	13.600	8.976	0.66	6.094	12.784	8.437	0.66	6.546
27	22	15.232	8.225	0.54	5.812	14.688	7.932	0.54	6.264	13.872	7.491	0.54	6.659
28	16	12.104	11.378	0.94	5.417	11.560	10.866	0.94	5.812	11.016	10.355	0.94	6.292
28	18	13.056	10.706	0.82	5.558	12.648	10.371	0.82	5.982	11.832	9.702	0.82	6.433
28	20	14.144	9.901	0.70	5.699	13.600	9.520	0.70	6.094	12.784	8.949	0.70	6.546
28	22	15.232	8.835	0.58	5.812	14.688	8.519	0.58	6.264	13.872	8.046	0.58	6.659
30	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
30	18	13.056	11.750	0.90	5.558	12.648	11.383	0.90	5.982	11.832	10.649	0.90	6.433
30	20	14.144	11.032	0.78	5.699	13.600	10.608	0.78	6.094	12.784	9.972	0.78	6.546
30	22	15.232	10.053	0.66	5.812	14.688	9.694	0.66	6.264	13.872	9.156	0.66	6.659
32	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
32	18	13.056	12.795	0.98	5.558	12.648	12.395	0.98	5.982	11.832	11.595	0.98	6.433
32	20	14.144	12.164	0.86	5.699	13.600	11.696	0.86	6.094	12.784	10.994	0.86	6.546
32	22	15.232	11.272	0.74	5.812	14.688	10.869	0.74	6.264	13.872	10.265	0.74	6.659
34	16	12.104	12.104	1.00	5.417	11.560	11.560	1.00	5.812	11.016	11.016	1.00	6.292
34	18	13.056	13.056	1.00	5.558	12.648	12.648	1.00	5.982	11.832	11.832	1.00	6.433
34	20	14.144	13.295	0.94	5.699	13.600	12.784	0.94	6.094	12.784	12.017	0.94	6.546
34	22	15.232	12.490	0.82	5.812	14.688	12.044	0.82	6.264	13.872	11.375	0.82	6.659

Note:
 CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PCA-M71KA2 / PUHZ-FRP71VHA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	7.029	4.639	0.66	1.547	6.816	4.499	0.66	1.634	6.603	4.358	0.66	1.731
20	18	7.526	4.064	0.54	1.576	7.313	3.949	0.54	1.663	7.065	3.815	0.54	1.779
20	20	8.094	3.399	0.42	1.625	7.917	3.325	0.42	1.702	7.704	3.236	0.42	1.818
22	16	7.029	5.201	0.74	1.547	6.816	5.044	0.74	1.634	6.603	4.886	0.74	1.731
22	18	7.526	4.666	0.62	1.576	7.313	4.534	0.62	1.663	7.065	4.380	0.62	1.779
22	20	8.094	4.047	0.50	1.625	7.917	3.959	0.50	1.702	7.704	3.852	0.50	1.818
24	16	7.029	5.764	0.82	1.547	6.816	5.589	0.82	1.634	6.603	5.414	0.82	1.731
24	18	7.526	5.268	0.70	1.576	7.313	5.119	0.70	1.663	7.065	4.946	0.70	1.779
24	20	8.094	4.695	0.58	1.625	7.917	4.592	0.58	1.702	7.704	4.468	0.58	1.818
24	22	8.627	3.968	0.46	1.663	8.449	3.887	0.46	1.760	8.236	3.789	0.46	1.876
26	16	7.029	6.326	0.90	1.547	6.816	6.134	0.90	1.634	6.603	5.943	0.90	1.731
26	18	7.526	5.870	0.78	1.576	7.313	5.704	0.78	1.663	7.065	5.511	0.78	1.779
26	20	8.094	5.342	0.66	1.625	7.917	5.225	0.66	1.702	7.704	5.085	0.66	1.818
26	22	8.627	4.659	0.54	1.663	8.449	4.562	0.54	1.760	8.236	4.447	0.54	1.876
27	16	7.029	6.607	0.94	1.547	6.816	6.407	0.94	1.634	6.603	6.207	0.94	1.731
27	18	7.526	6.171	0.82	1.576	7.313	5.997	0.82	1.663	7.065	5.793	0.82	1.779
27	20	8.094	5.666	0.70	1.625	7.917	5.542	0.70	1.702	7.704	5.393	0.70	1.818
27	22	8.627	5.004	0.58	1.663	8.449	4.900	0.58	1.760	8.236	4.777	0.58	1.876
28	16	7.029	6.888	0.98	1.547	6.816	6.680	0.98	1.634	6.603	6.471	0.98	1.731
28	18	7.526	6.472	0.86	1.576	7.313	6.289	0.86	1.663	7.065	6.076	0.86	1.779
28	20	8.094	5.990	0.74	1.625	7.917	5.859	0.74	1.702	7.704	5.701	0.74	1.818
28	22	8.627	5.349	0.62	1.663	8.449	5.238	0.62	1.760	8.236	5.106	0.62	1.876
30	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
30	18	7.526	7.074	0.94	1.576	7.313	6.874	0.94	1.663	7.065	6.641	0.94	1.779
30	20	8.094	6.637	0.82	1.625	7.917	6.492	0.82	1.702	7.704	6.317	0.82	1.818
30	22	8.627	6.039	0.70	1.663	8.449	5.914	0.70	1.760	8.236	5.765	0.70	1.876
32	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
32	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
32	20	8.094	7.285	0.90	1.625	7.917	7.125	0.90	1.702	7.704	6.934	0.90	1.818
32	22	8.627	6.729	0.78	1.663	8.449	6.590	0.78	1.760	8.236	6.424	0.78	1.876
34	16	7.029	7.029	1.00	1.547	6.816	6.816	1.00	1.634	6.603	6.603	1.00	1.731
34	18	7.526	7.526	1.00	1.576	7.313	7.313	1.00	1.663	7.065	7.065	1.00	1.779
34	20	8.094	7.932	0.98	1.625	7.917	7.759	0.98	1.702	7.704	7.550	0.98	1.818
34	22	8.627	7.419	0.86	1.663	8.449	7.266	0.86	1.760	8.236	7.083	0.86	1.876

CEILING-SUSPENDED PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
20	16	6.319	4.171	0.66	1.857	6.035	3.983	0.66	1.992	5.751	3.796	0.66	2.156
20	18	6.816	3.681	0.54	1.905	6.603	3.566	0.54	2.050	6.177	3.336	0.54	2.205
20	20	7.384	3.101	0.42	1.953	7.100	2.982	0.42	2.089	6.674	2.803	0.42	2.243
22	16	6.319	4.676	0.74	1.857	6.035	4.466	0.74	1.992	5.751	4.256	0.74	2.156
22	18	6.816	4.226	0.62	1.905	6.603	4.094	0.62	2.050	6.177	3.830	0.62	2.205
22	20	7.384	3.692	0.50	1.953	7.100	3.550	0.50	2.089	6.674	3.337	0.50	2.243
24	16	6.319	5.182	0.82	1.857	6.035	4.949	0.82	1.992	5.751	4.716	0.82	2.156
24	18	6.816	4.771	0.70	1.905	6.603	4.622	0.70	2.050	6.177	4.324	0.70	2.205
24	20	7.384	4.283	0.58	1.953	7.100	4.118	0.58	2.089	6.674	3.871	0.58	2.243
24	22	7.952	3.658	0.46	1.992	7.668	3.527	0.46	2.147	7.242	3.331	0.46	2.282
26	16	6.319	5.687	0.90	1.857	6.035	5.432	0.90	1.992	5.751	5.176	0.90	2.156
26	18	6.816	5.316	0.78	1.905	6.603	5.150	0.78	2.050	6.177	4.818	0.78	2.205
26	20	7.384	4.873	0.66	1.953	7.100	4.686	0.66	2.089	6.674	4.405	0.66	2.243
26	22	7.952	4.294	0.54	1.992	7.668	4.141	0.54	2.147	7.242	3.911	0.54	2.282
27	16	6.319	5.940	0.94	1.857	6.035	5.673	0.94	1.992	5.751	5.406	0.94	2.156
27	18	6.816	5.589	0.82	1.905	6.603	5.414	0.82	2.050	6.177	5.065	0.82	2.205
27	20	7.384	5.169	0.70	1.953	7.100	4.970	0.70	2.089	6.674	4.672	0.70	2.243
27	22	7.952	4.612	0.58	1.992	7.668	4.447	0.58	2.147	7.242	4.200	0.58	2.282
28	16	6.319	6.193	0.98	1.857	6.035	5.914	0.98	1.992	5.751	5.636	0.98	2.156
28	18	6.816	5.862	0.86	1.905	6.603	5.679	0.86	2.050	6.177	5.312	0.86	2.205
28	20	7.384	5.464	0.74	1.953	7.100	5.254	0.74	2.089	6.674	4.939	0.74	2.243
28	22	7.952	4.930	0.62	1.992	7.668	4.754	0.62	2.147	7.242	4.490	0.62	2.282
30	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
30	18	6.816	6.407	0.94	1.905	6.603	6.207	0.94	2.050	6.177	5.806	0.94	2.205
30	20	7.384	6.055	0.82	1.953	7.100	5.822	0.82	2.089	6.674	5.473	0.82	2.243
30	22	7.952	5.566	0.70	1.992	7.668	5.368	0.70	2.147	7.242	5.069	0.70	2.282
32	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
32	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
32	20	7.384	6.646	0.90	1.953	7.100	6.390	0.90	2.089	6.674	6.007	0.90	2.243
32	22	7.952	6.203	0.78	1.992	7.668	5.981	0.78	2.147	7.242	5.649	0.78	2.282
34	16	6.319	6.319	1.00	1.857	6.035	6.035	1.00	1.992	5.751	5.751	1.00	2.156
34	18	6.816	6.816	1.00	1.905	6.603	6.603	1.00	2.050	6.177	6.177	1.00	2.205
34	20	7.384	7.236	0.98	1.953	7.100	6.958	0.98	2.089	6.674	6.541	0.98	2.243
34	22	7.952	6.839	0.86	1.992	7.668	6.594	0.86	2.147	7.242	6.228	0.86	2.282

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PCA-M-KA2 / PUHZ-ZRP-VHA2 PUHZ-ZRP-VKA2 PUHZ-ZRP-VKA3 PUHZ-ZRP-YKA3

CEILING-SUSPENDED PERFORMANCE DATA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.604	0.601	2.829	0.662	3.157	0.764	4.141	0.917	4.674	1.019	5.207	1.101
	20	2.501	0.652	2.706	0.713	2.993	0.825	3.998	0.988	4.510	1.101	5.023	1.182
	25	2.419	0.693	2.624	0.774	2.870	0.897	3.772	1.050	4.346	1.177	4.838	1.269
PCA-M50KA2	15	3.493	0.856	3.795	0.943	4.235	1.088	5.555	1.305	6.270	1.450	6.985	1.566
	20	3.355	0.928	3.630	1.015	4.015	1.175	5.363	1.407	6.050	1.566	6.738	1.682
	25	3.245	0.986	3.520	1.102	3.850	1.276	5.060	1.494	5.830	1.675	6.490	1.805
PCA-M60KA2	15	4.445	1.139	4.830	1.255	5.390	1.448	7.070	1.737	7.980	1.930	8.890	2.084
	20	4.270	1.235	4.620	1.351	5.110	1.563	6.825	1.872	7.700	2.084	8.575	2.239
	25	4.130	1.312	4.480	1.467	4.900	1.698	6.440	1.988	7.420	2.229	8.260	2.403
PCA-M71KA2	15	5.080	1.296	5.520	1.428	6.160	1.648	8.080	1.977	9.120	2.197	10.160	2.373
	20	4.880	1.406	5.280	1.538	5.840	1.780	7.800	2.131	8.800	2.373	9.800	2.549
	25	4.720	1.494	5.120	1.670	5.600	1.933	7.360	2.263	8.480	2.538	9.440	2.735
PCA-M100KA2	15	7.112	1.795	7.728	1.978	8.624	2.282	11.312	2.739	12.768	3.043	14.224	3.286
	20	6.832	1.948	7.392	2.130	8.176	2.465	10.920	2.952	12.320	3.286	13.720	3.530
	25	6.608	2.069	7.168	2.313	7.840	2.678	10.304	3.134	11.872	3.515	13.216	3.789
PCA-M125KA2	15	8.890	2.244	9.660	2.473	10.780	2.853	14.140	3.424	15.960	3.804	17.780	4.108
	20	8.540	2.435	9.240	2.663	10.220	3.081	13.650	3.690	15.400	4.108	17.150	4.413
	25	8.260	2.587	8.960	2.891	9.800	3.348	12.880	3.918	14.840	4.394	16.520	4.736
PCA-M140KA2	15	10.160	2.697	11.040	2.971	12.320	3.428	16.160	4.114	18.240	4.571	20.320	4.937
	20	9.760	2.925	10.560	3.200	11.680	3.703	15.600	4.434	17.600	4.937	19.600	5.302
	25	9.440	3.108	10.240	3.474	11.200	4.022	14.720	4.708	16.960	5.280	18.880	5.691

PCA-M-KA2 / SUZ-KA-VA6

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M35KA2	15	2.050	0.547	2.583	0.683	3.116	0.820	3.649	0.925	4.182	0.998	4.715	1.062	5.207	1.093	5.740	1.114
	21	1.927	0.582	2.460	0.736	2.952	0.872	3.485	0.967	3.977	1.040	4.510	1.093	5.002	1.125	5.515	1.167
	26	1.681	0.631	2.214	0.788	2.747	0.925	3.239	1.019	3.772	1.093	4.305	1.146	4.797	1.177	5.330	1.209
PCA-M50KA2	15	2.750	0.790	3.465	0.987	4.180	1.185	4.895	1.337	5.610	1.443	6.325	1.534	6.985	1.580	7.700	1.610
	21	2.585	0.842	3.300	1.063	3.960	1.261	4.675	1.397	5.335	1.504	6.050	1.580	6.710	1.625	7.398	1.686
	26	2.255	0.911	2.970	1.139	3.685	1.337	4.345	1.473	5.060	1.580	5.775	1.656	6.435	1.701	7.150	1.747
PCA-M60KA2	15	3.450	0.994	4.347	1.242	5.244	1.491	6.141	1.682	7.038	1.815	7.935	1.930	8.763	1.987	9.660	2.026
	21	3.243	1.059	4.140	1.338	4.968	1.586	5.865	1.758	6.693	1.892	7.590	1.987	8.418	2.045	9.281	2.121
	26	2.829	1.147	3.726	1.433	4.623	1.682	5.451	1.854	6.348	1.987	7.245	2.083	8.073	2.140	8.970	2.198
PCA-M71KA2	15	3.950	1.135	4.977	1.418	6.004	1.702	7.031	1.920	8.058	2.073	9.085	2.204	10.033	2.269	11.060	2.313
	21	3.713	1.209	4.740	1.527	5.688	1.811	6.715	2.007	7.663	2.160	8.690	2.269	9.638	2.335	10.626	2.422
	26	3.239	1.309	4.266	1.637	5.293	1.920	6.241	2.117	7.268	2.269	8.295	2.378	9.243	2.444	10.270	2.509

PCA-M-KA2 / PUHZ-P-VKA PUHZ-P-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M100KA2	15	7.112	1.990	7.728	2.192	8.624	2.530	11.312	3.036	12.768	3.373	14.224	3.643
	20	6.832	2.159	7.392	2.361	8.176	2.732	10.920	3.272	12.320	3.643	13.720	3.913
	25	6.608	2.294	7.168	2.563	7.840	2.968	10.304	3.474	11.872	3.896	13.216	4.199
PCA-M125KA2	15	8.573	2.399	9.315	2.643	10.395	3.050	13.635	3.659	15.390	4.066	17.145	4.391
	20	8.235	2.602	8.910	2.846	9.855	3.293	13.163	3.944	14.850	4.391	16.538	4.717
	25	7.965	2.765	8.640	3.090	9.450	3.578	12.420	4.188	14.310	4.696	15.930	5.062
PCA-M140KA2	15	9.525	2.641	10.350	2.910	11.550	3.358	15.150	4.029	17.100	4.477	19.050	4.835
	20	9.150	2.865	9.900	3.134	10.950	3.626	14.625	4.343	16.500	4.835	18.375	5.193
	25	8.850	3.044	9.600	3.403	10.500	3.940	13.800	4.611	15.900	5.171	17.700	5.574

PCA-M-KA2 / PUHZ-FRP-VHA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PCA-M71KA2	15	5.080	1.348	5.520	1.485	6.160	1.714	8.080	2.057	9.120	2.285	10.160	2.468
	20	4.880	1.462	5.280	1.600	5.840	1.851	7.800	2.216	8.800	2.468	9.800	2.651
	25	4.720	1.554	5.120	1.737	5.600	2.011	7.360	2.354	8.480	2.639	9.440	2.845

A.3.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

■ PCA-M35KA2
PCA-M50KA2



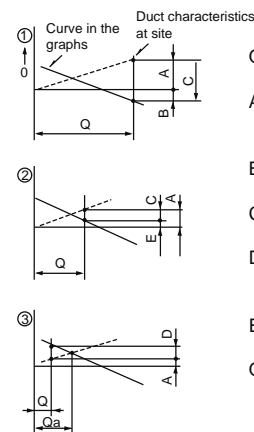
■ PCA-M60KA2
PCA-M71KA2



■ PCA-M100KA2
PCA-M125KA2
PCA-M140KA2



How to read curves

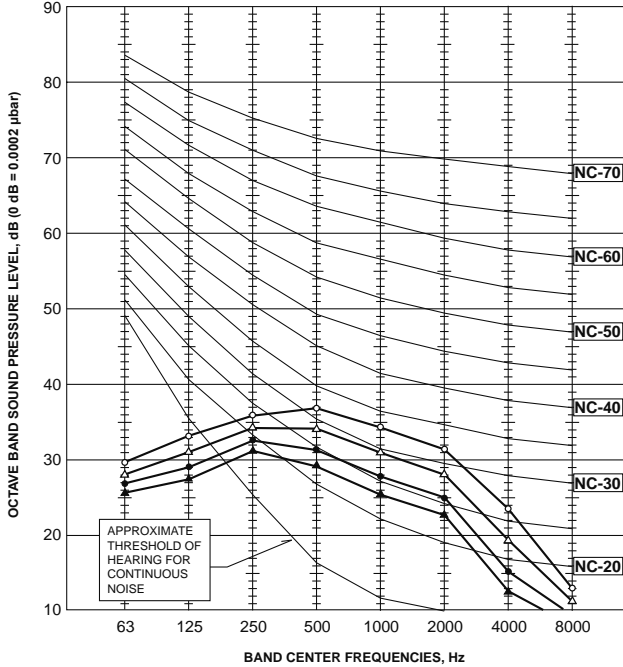


- Q...Designed amount of fresh air intake $\langle \text{m}^3/\text{min} \rangle$
- A...Static pressure loss of fresh air intake duct system with airflow amount Q $\langle \text{Pa} \rangle$
- B...Forced static pressure at air conditioner inlet with airflow amount Q $\langle \text{Pa} \rangle$
- C...Static pressure of booster fan with airflow amount Q $\langle \text{Pa} \rangle$
- D...Static pressure loss increase amount of fresh air intake duct system for airflow amount Q $\langle \text{Pa} \rangle$
- E...Static pressure of indoor unit with airflow amount Q $\langle \text{Pa} \rangle$
- Qa...Estimated amount of fresh air intake without D $\langle \text{m}^3/\text{min} \rangle$

A.3.7 NOISE CRITERIA CURVES

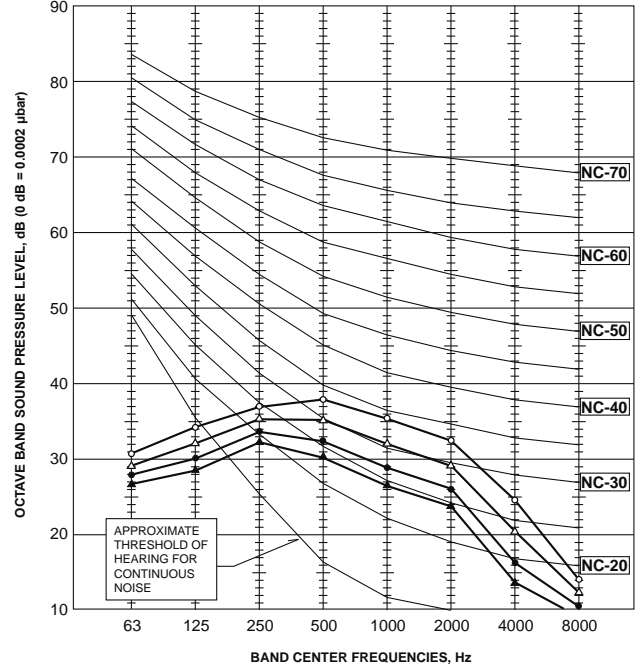
PCA-M35KA2

NOTCH	SPL(dB)	LINE
High	39	○—○
Medium1	36	△—△
Medium2	33	●—●
Low	31	▲—▲



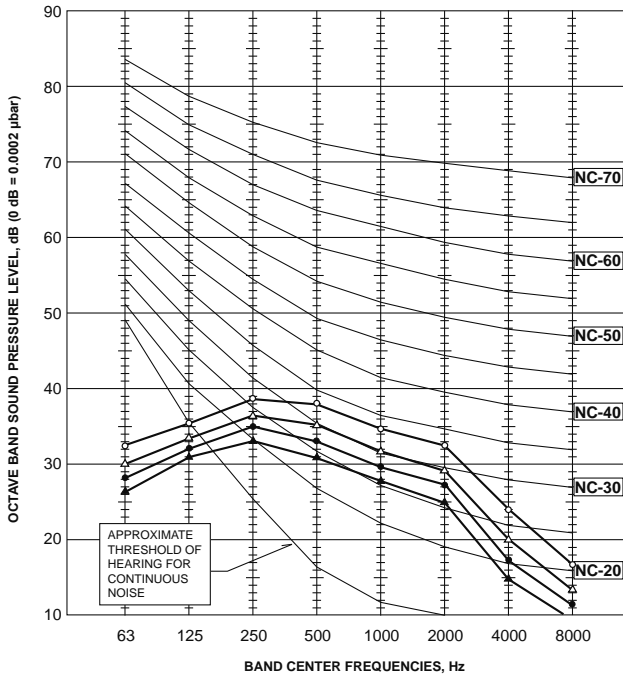
PCA-M50KA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	△—△
Medium2	34	●—●
Low	32	▲—▲



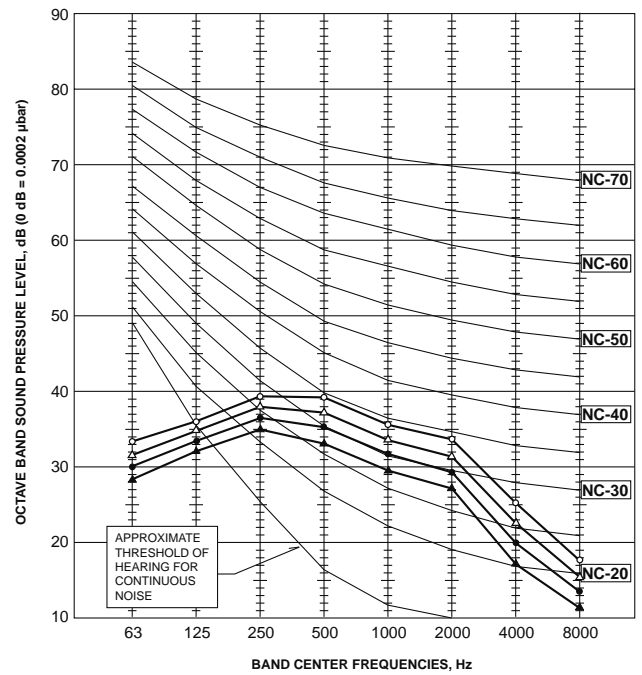
PCA-M60KA2

NOTCH	SPL(dB)	LINE
High	40	○—○
Medium1	37	△—△
Medium2	35	●—●
Low	33	▲—▲



PCA-M71KA2

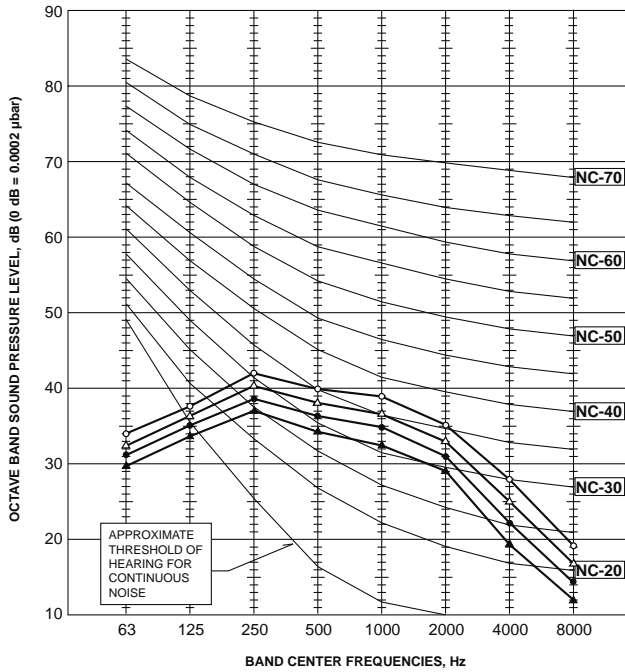
NOTCH	SPL(dB)	LINE
High	41	○—○
Medium1	39	△—△
Medium2	37	●—●
Low	35	▲—▲



CEILING-SUSPENDED NOISE CRITERIA CURVES

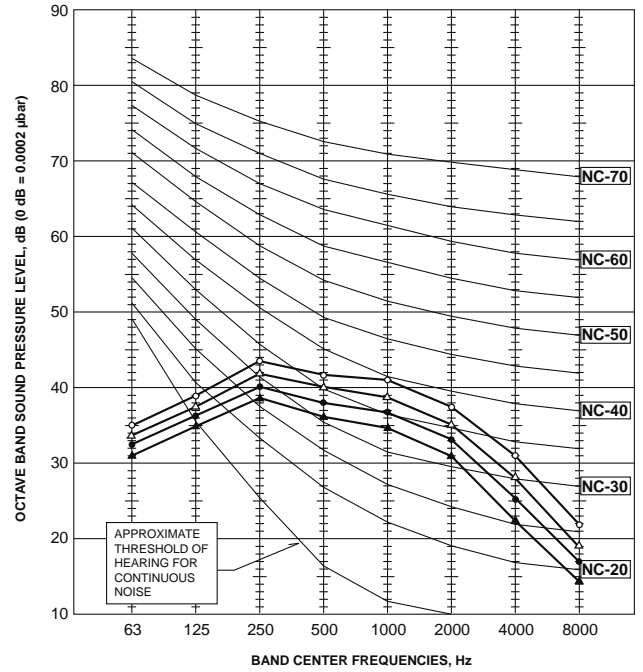
PCA-M100KA2

NOTCH	SPL(dB)	LINE
High	43	○—○
Medium1	41	△—△
Medium2	39	●—●
Low	37	▲—▲



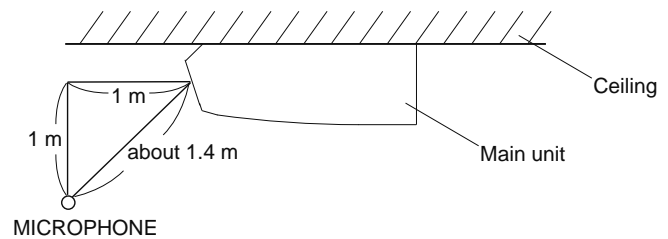
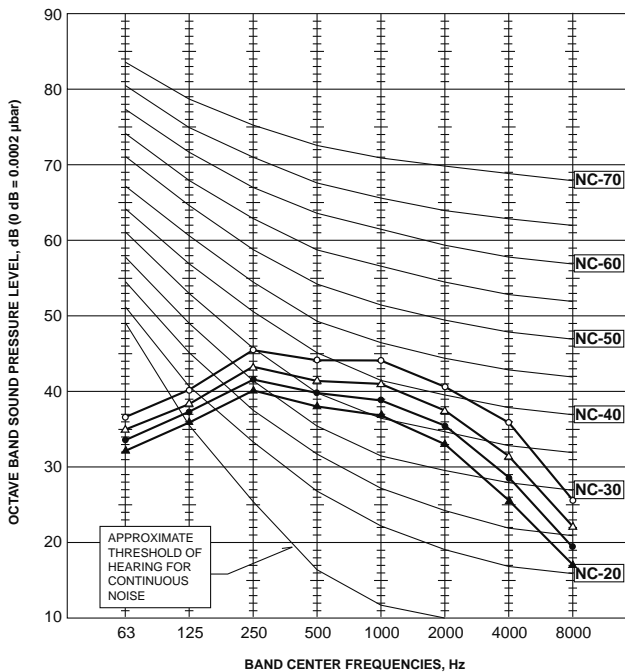
PCA-M125KA2

NOTCH	SPL(dB)	LINE
High	45	○—○
Medium1	43	△—△
Medium2	41	●—●
Low	39	▲—▲



PCA-M140KA2

NOTCH	SPL(dB)	LINE
High	48	○—○
Medium1	45	△—△
Medium2	43	●—●
Low	41	▲—▲



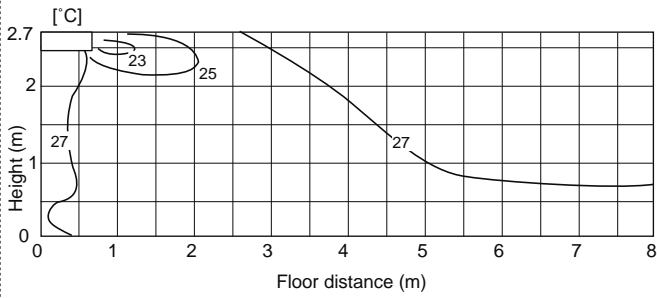
CEILING-SUSPENDED

NOISE CRITERIA CURVES

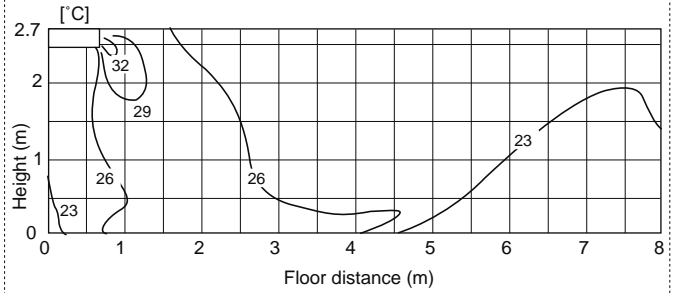
A.3.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions PCA-M71KA2

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch

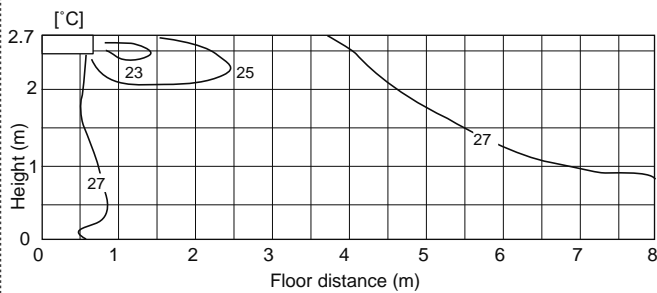


<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch

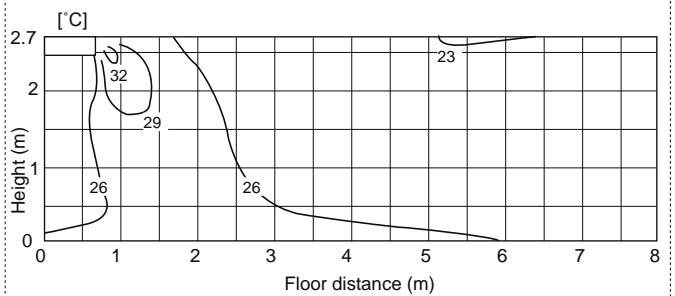


PCA-M125KA2

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch



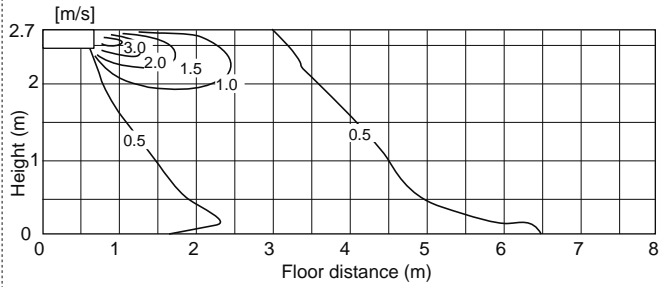
<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch



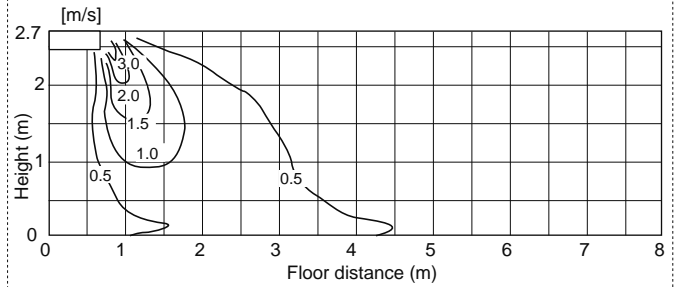
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

**Airflow distributions
PCA-M71KA2**

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch
Ceiling height : 2.7m

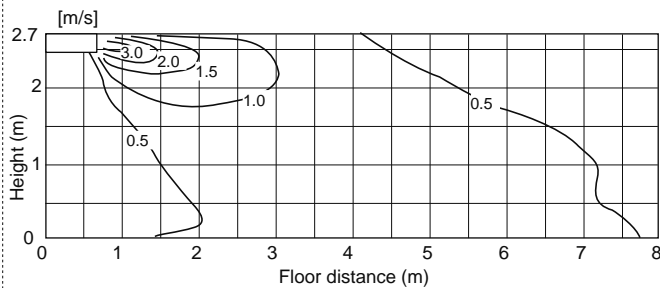


<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch
Ceiling height : 2.7m

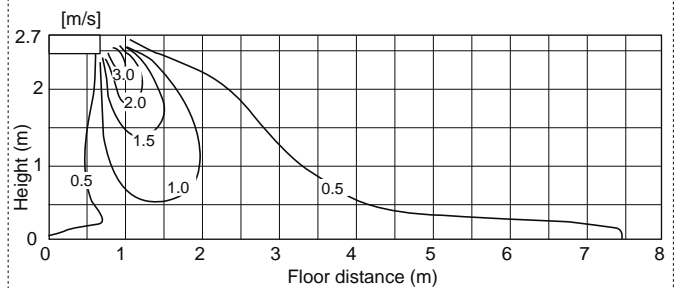


PCA-M125KA2

<Cooling mode>
Flow angle : 10°
Temperature setting : 27°C
High notch
Ceiling height : 2.7m



<Heating mode>
Flow angle : 60°
Temperature setting : 20°C
High notch
Ceiling height : 2.7m



CEILING-SUSPENDED

TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

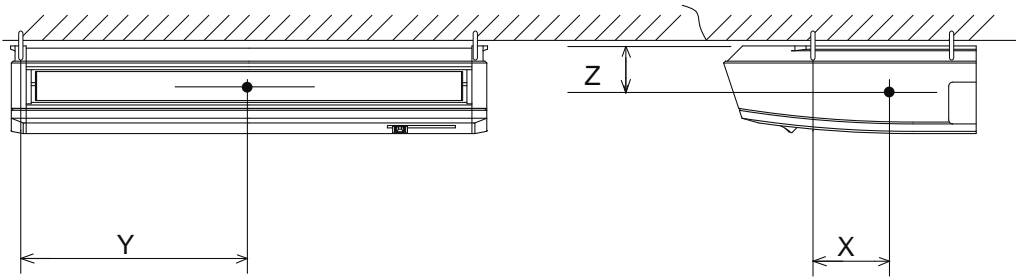
A.3.9 OUTLET AIR SPEED AND COVERAGE RANGE

	PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2	PCA-M125KA2	PCA-M140KA2
Air flow m ³ /min	14	15	19	20	28	29	32
Air speed m/sec	3.1	3.3	3.1	3.2	3.6	3.7	4.1
Coverage range m	8.4	9.0	9.6	10.1	12.5	12.9	14.2

* The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.
 The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

CEILING-SUSPENDED
 OUTLET AIR SPEED AND COVERAGE RANGE
 CENTER OF GRAVITY POSITION

A.3.10 CENTER OF GRAVITY POSITION



[Unit: mm]

Model	X	Y	Z
PCA-M35KA2	110	450	115
PCA-M50KA2	110	450	115
PCA-M60KA2	110	610	115
PCA-M71KA2	110	610	115
PCA-M100KA2	110	770	115
PCA-M125KA2	110	770	115
PCA-M140KA2	110	770	115

A.4 CEILING-SUSPENDED for Professional kitchens (PCA)

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	A.4.5.2 R410 type.....	A-246
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A.4.1 SPECIFICATIONS

A.4.1.1 R32 type

1. Power Inverter SERIES

Model Name		Indoor Unit		PCA-M71HA2			
		Outdoor Unit		PUZ-ZM71VHA2			
Refrigerant				R32			
Power Supply		Source		Outdoor power supply			
Out	V		230				
	Phase		Single				
	Hz		50				
	In	V		-			
		Phase		-			
		Hz		-			
Cooling	Capacity	Rated	kW	7.1			
		Min.	kW	3.3			
		Max.	kW	8.1			
	SHF	Rated			0.74		
	Total Input	Rated	kW	2.028			
	EER				3.50		
	Annual Electricity Consumption		kWh/a	443			
	SEER				5.6		
			Energy efficiency class		A+		
	Heating	Capacity	Rated	kW	7.6		
Min.			kW	3.5			
Max.			kW	10.2			
Total Input		Rated	kW	2.171			
COP				3.50			
Annual Electricity Consumption		kWh/a	1684				
SCOP				3.9			
		Energy efficiency class		A			
Operating Current(max)			A	19.4			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10		
		Operating Current(max)		A	0.43		
	Dimensions	H × W × D		mm	280-1136-650		
	Weight				kg	42	
	Air Volume	Lo-Hi			m ³ /min.	16-18	
	External Static Pressure				Pa	0	
	Sound Level (SPL)	Lo-Hi			dB(A)	37-39	
	Sound Level (PWL)	Cooling					57
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+25)		
	Weight				kg	67	
	Air Volume	Cooling	Rated	m ³ /min.	55		
		Heating	Rated	m ³ /min.	55		
	Sound Level (SPL)	Cooling	Rated	dB(A)	47		
			Silent	dB(A)	44		
		Heating	Rated	dB(A)	49		
	Sound Level (PWL)	Cooling			dB(A)	67	
	Operating Current(max)				A	19	
	Breaker Size				A	25	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52			
		Gas	mm	15.88			
	Max.Length	Out-In	m	55			
	Max. Height	Out-In	m	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15		
			Upper Limit.	°C	+46		
	Heating	Lower Limit.	°C	-20			
		Upper Limit.	°C	+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-SUSPENDED for Kitchens SPECIFICATIONS

A.4.1.2 R410A type
1. Power Inverter SERIES

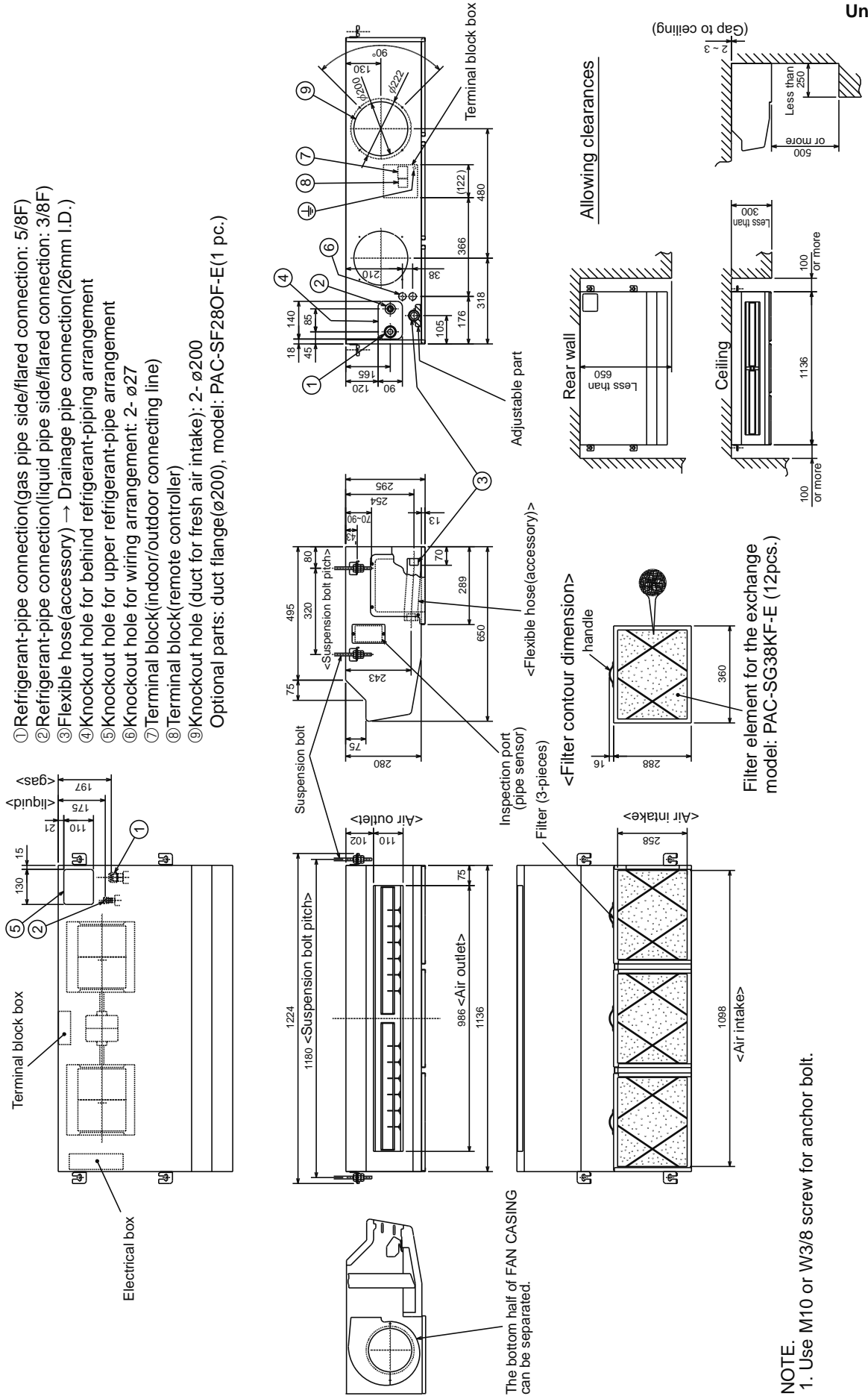
Model Name		Indoor Unit		PCA-M71HA2	
		Outdoor Unit		PUHZ-ZRP71VHA2	
Refrigerant				R410A	
Power Supply		Source		Outdoor power supply	
		Out		V	230
				Phase	Single
				Hz	50
		In		V	—
				Phase	—
Hz	—				
Cooling	Capacity	Rated	kW	7.1	
		Min.	kW	3.3	
		Max.	kW	8.1	
	SHF	Rated		0.74	
	Total Input	Rated	kW	2.170	
	EER			3.27	
	Annual Electricity Consumption		kWh/a	444	
	SEER			5.6	
		Energy efficiency class			A+
	Heating	Capacity	Rated	kW	7.6
Min.			kW	3.5	
Max.			kW	10.2	
Total Input		Rated	kW	2.350	
COP				3.23	
Annual Electricity Consumption			kWh/a	1724	
SCOP				3.8	
		Energy efficiency class			A
Operating Current(max)			A	19.4	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.10 / 0.10
		Operating Current(max)		A	0.43
	Dimensions	H × W × D		mm	280-1136-650
	Weight			kg	42
	Air Volume	Lo-Hi		m ³ /min.	16-18
	External Static Pressure			Pa	0
	Sound Level (SPL)	Lo-Hi		dB(A)	37-39
	Sound Level (PWL)	Cooling			57
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+30)
	Weight			kg	70
	Air Volume	Cooling	Rated	m ³ /min.	55
		Heating	Rated	m ³ /min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	44
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling		dB(A)	67
	Operating Current(max)			A	19
	Breaker Size			A	25
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max.Length	Out-In	m	50	
	Max. Height	Out-In	m	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15
			Upper Limit.	°C	+46
	Heating	Lower Limit.	°C	-20	
		Upper Limit.	°C	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.4.2 OUTLINES AND DIMENSIONS

CEILING-SUSPENDED
for Kitchens

OUTLINES AND DIMENSIONS

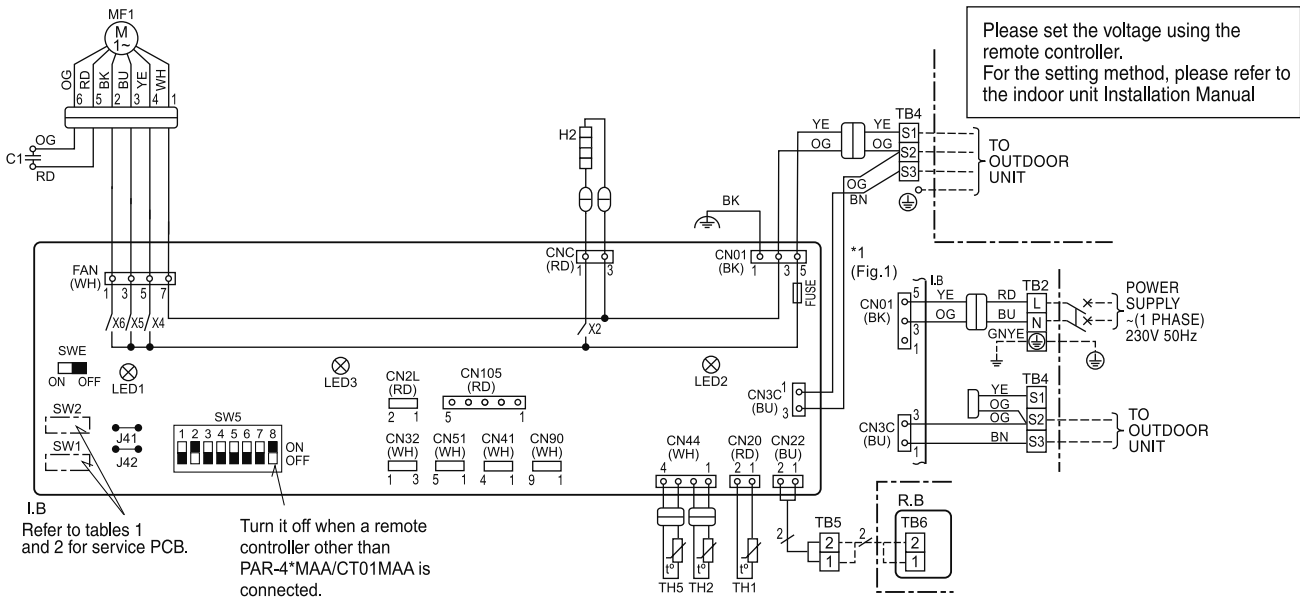


A.4.3 WIRING DIAGRAM

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	MF1	FAN MOTOR
	FUSE (T6.3AL250V)	C1	CAPACITOR (FAN MOTOR)
	CN2L CONNECTOR (LOSSNAY)	H2	DEW PREVENTION HEATER
	CN32 CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (INDOOR UNIT POWER (OPTION PARTS))
	CN41 CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
	CN51 CONNECTOR (CENTRALLY CONTROL)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
	CN90 CONNECTOR (REMOTE OPERATION ADAPTOR)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
	CN105 CONNECTOR (IT TERMINAL)	TB5, TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
	LED1 POWER SUPPLY (I.B)	TH1	ROOM TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	LED2 POWER SUPPLY (R.B)	TH2	PIPE TEMP.THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	LED3 TRANSMISSION (INDOOR-OUTDOOR)	TH2	PIPE TEMP.THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	X2 RELAY (DEW PREVENTION HEATER)	TH5	COND./EVA.TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
	X4 RELAY (FAN MOTOR)		
	X5 RELAY (FAN MOTOR)		
	X6 RELAY (FAN MOTOR)		
	SW1 SWITCH (MODEL SELECTION) Refer to <Table 1>	R. B	WIRED REMOTE CONTROLLER BOARD
	SW2 SWITCH (CAPACITY CODE) Refer to <Table 2>		
	SW5 SWITCH (FUNCTION SETTING)		
	SWE SWITCH (EMERGENCY OPERATION)		

Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1) .
P2	Abnormality of pipe temperature thermistor/Liquid (TH2) .
P6	Freezing /overheating protection is working.
P8	Abnormality of pipe temperature.
P9	Abnormality of pipe temperature thermistor/ Cond. Eva. (TH5).
PL	Refrigerant circuit abnormal.
E0-E5	Abnormality of the signal transmission between remote controller and indoor unit.
E6-EF	Abnormality of the signal transmission between indoor unit and outdoor unit.
Fb	Abnormality of indoor controller board.
U*, F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
---	No trouble generated in the past.
FFFF	No corresponding unit.



I.B
Refer to tables 1 and 2 for service PCB.

Turn it off when a remote controller other than PAR-4*MAA/CT01MAA is connected.

<Table 1>

SW1				
Service board				
1	2	3	4	5
ON	OFF	ON	OFF	ON

<Table 2>

SW2				
CAPACITY				
Service board				
71	1	2	3	4
ON	OFF	ON	OFF	ON

The black square (■) indicates a switch position.

NOTES:

- Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
- Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
- Symbols used in wiring diagram above are, : Connector, : Terminal (block).
*1; When work to supply power separately to Indoor and Outdoor unit was applied, refer to Fig 1.
*2; For power supply system of this unit, refer to the caution label located near this diagram.

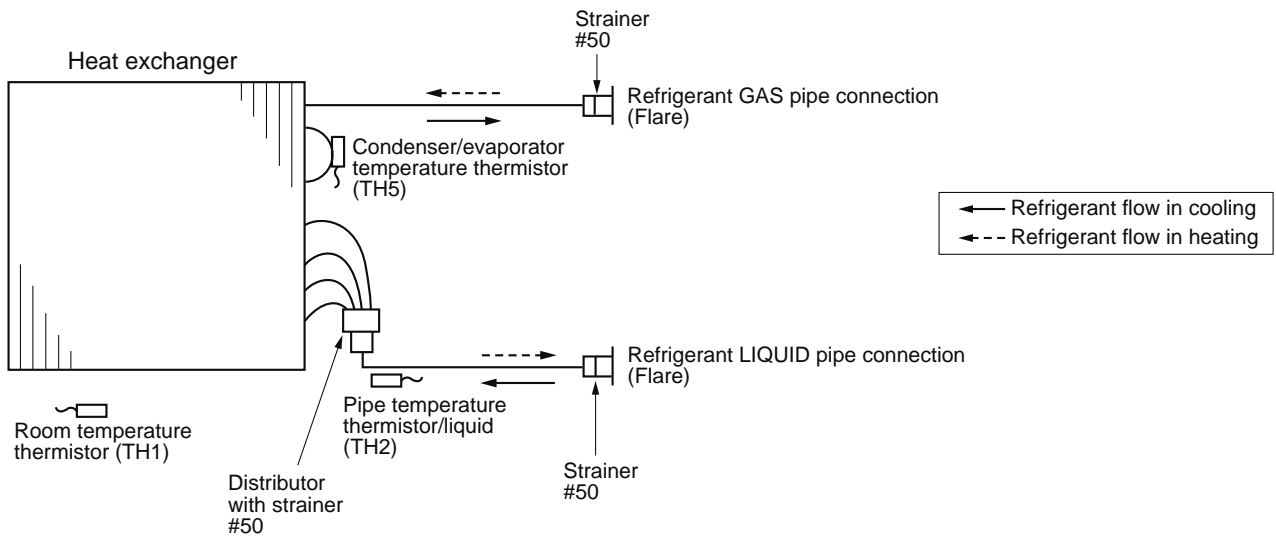
[Self-diagnosis]

For the wired remote controller: When you select "self check" function in service menu the unit begins self-diagnosis. (Refer to the Installation manual) And Check Codes generated in the past appear on the display. For Check Codes and symptoms refer to the table above.

[Emergency operation procedure]

- When the wired remote controller or the indoor unit microcomputer has failed, but all other components work properly, if you set the switch (SWE) on the indoor controller board ON, the indoor unit will begin Emergency Operation. When Emergency Operation is activated, the indoor unit operates as follows: Indoor fan is running at high speed.
- When you activate emergency operation of the cooling or heating, you have to set the switch(SWE) on the indoor controller board and activate emergency operation of the outdoor unit. For details on how to activate emergency operation of the outdoor unit, refer to the outdoor unit wiring diagram.
- Before you activate emergency operation, check the following points:
 - Emergency operation cannot be activated when:
 - the outdoor unit malfunctions.
 - the indoor fan malfunctions.
 - Emergency operation becomes continuous only by switching the power source on/off. ON/OFF on the remote controller or temperature control etc, dose not function.
 - Avoid operating for a long time when the outdoor unit begins defrosting while emergency operation of the heating is activated, because it will start to blow cold air.
 - Emergency cooling should be limited to 10 hours maximum (The indoor unit heat exchanger may freeze).
 - After emergency operation has been deactivated, set the switches etc. to their original positions.

A.4.4 REFRIGERANT SYSTEM DIAGRAM



CEILING-SUSPENDED for Kitchens
REFRIGERANT SYSTEM DIAGRAM

**HEATING CAPACITY
PCA-M71HA2 / PUZ-ZM-VHA2**

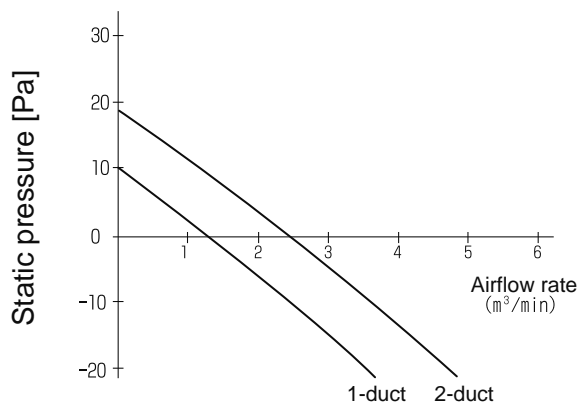
Indoor intake air DB°C	Outdoor intake air WB°C											
	-10		-5		0		5		10		15	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.826	1.281	5.244	1.411	5.852	1.628	7.676	1.954	8.664	2.171	9.652	2.345
20	4.636	1.389	5.016	1.520	5.548	1.759	7.410	2.106	8.360	2.345	9.310	2.518
25	4.484	1.476	4.864	1.650	5.320	1.910	6.992	2.236	8.056	2.508	8.968	2.703

**HEATING CAPACITY
PCA-M71HA2 / PUHZ-ZRP-VHA2**

Indoor intake air DB°C	Outdoor intake air WB°C											
	-10		-5		0		5		10		15	
	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
15	4.826	1.387	5.244	1.528	5.852	1.763	7.676	2.115	8.664	2.350	9.652	2.538
20	4.636	1.504	5.016	1.645	5.548	1.904	7.410	2.280	8.360	2.538	9.310	2.726
25	4.484	1.598	4.864	1.786	5.320	2.068	6.992	2.421	8.056	2.714	8.968	2.926

A.4.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS



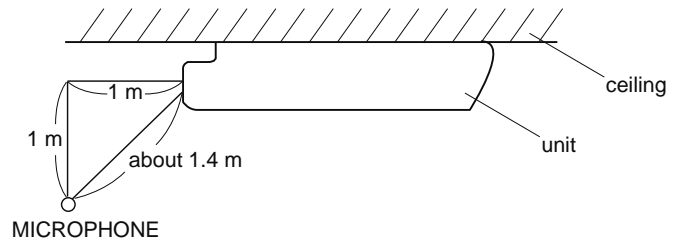
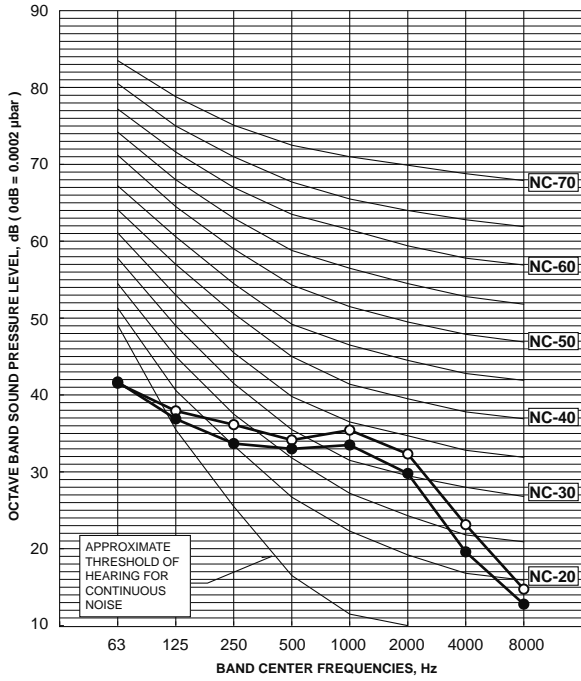
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.4.7 NOISE CRITERIA CURVES

NOTCH	SPL(dB)	LINE
High	39	○—○
Low	37	●—●

CEILING-SUSPENDED for Kitchens NOISE CRITERIA CURVES



A.4.8 OUTLET AIR SPEED AND COVERAGE RANGE

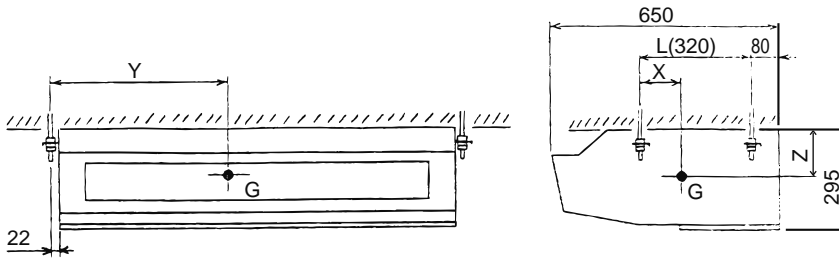
	PCA-M71HA2
Air flow m ³ /min	18
Air speed m/sec	3.0
Coverage range m(ft)	9.9(32.5)

* The air coverage range is the distance to which the 0.25m/sec air can reach,when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

CEILING-SUSPENDED for Kitchens

OUTLET AIR SPEED AND COVERAGE RANGE CENTER OF GRAVITY POSITION

A.4.9 CENTER OF GRAVITY POSITION



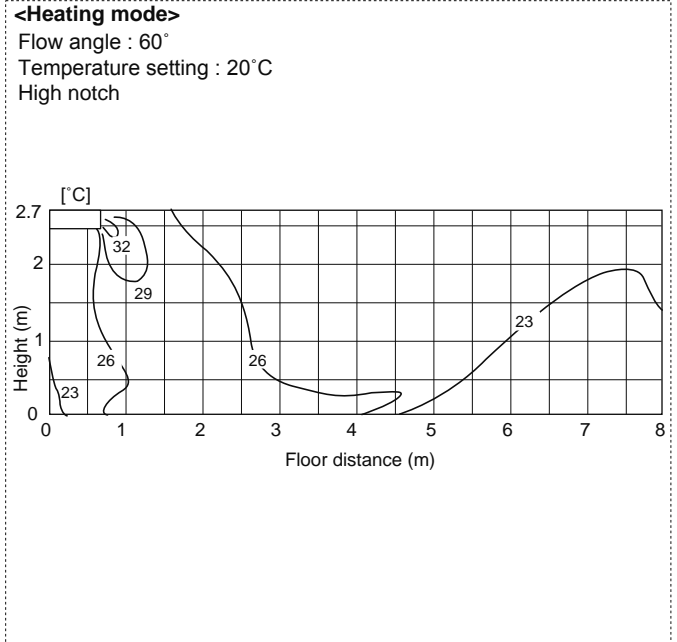
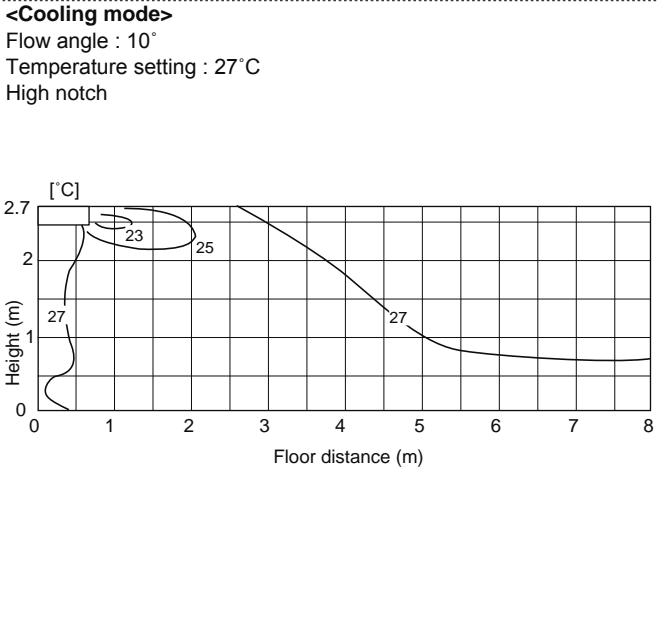
Unit: [mm]

Model	X	Y	Z
PCA-M71HA2	125	575	170

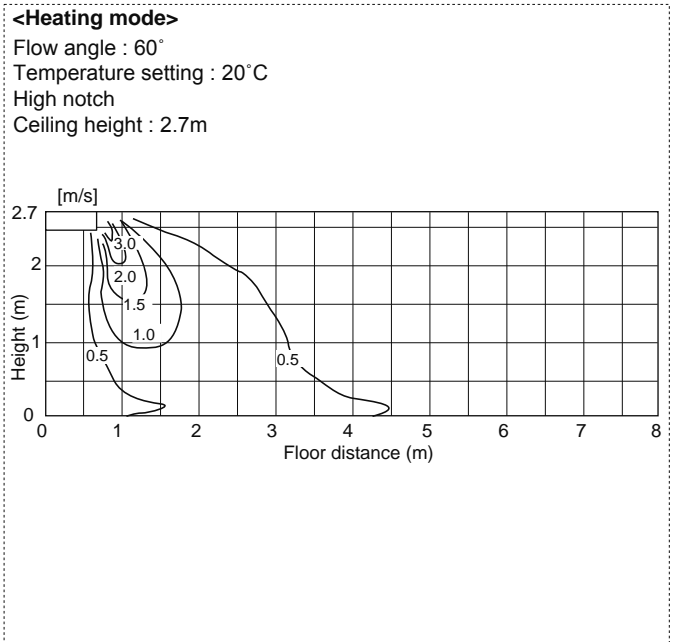
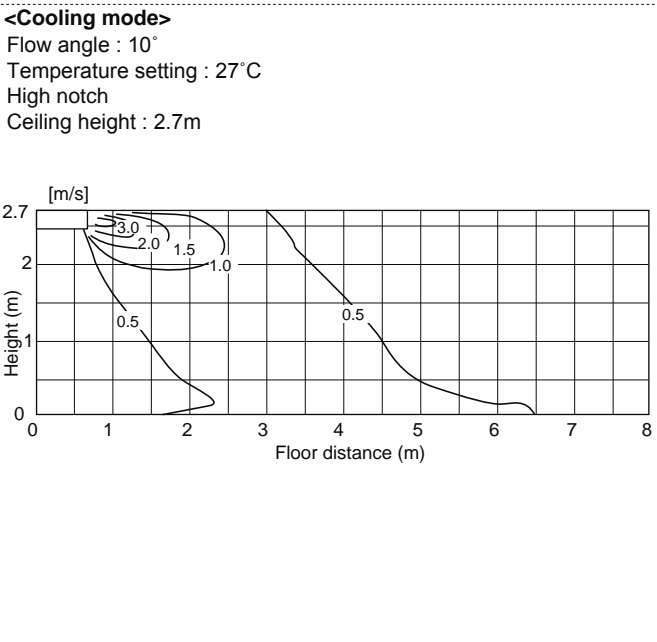
A.4.10 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions PCA-M71HA2

CEILING-SUSPENDED for Kitchens TEMPERATURE AND AIR FLOW DISTRIBUTIONS



Airflow distributions PCA-M71HA2



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

A.5 FLOOR STANDING (PSA)

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A.5.1 SPECIFICATIONS

A.5.1.1 R32 type

1. Power Inverter SERIES

Model Name	Indoor Unit			PSA-M71KA	PSA-M100KA	PSA-M100KA	
	Outdoor Unit			PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	
Refrigerant	R32						
Power Supply	Source			Outdoor power supply			
Out	V	V		230	230	400	
		Phase		Single	Single	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	3.3	4.9	4.9	
		Max.	kW	8.1	11.4	11.4	
	SHF	Rated		0.75	0.73	0.73	
	Total Input	Rated	kW	1.888	2.493	2.493	
	EER			3.76	3.81	3.81	
	Annual Electricity Consumption	kWh/a		388	581	592	
	SEER			6.4	5.7	5.6	
		Energy efficiency class		A++	A+	A+	
	Heating	Capacity	Rated	kW	7.6	11.2	11.2
Min.			kW	3.5	4.5	4.5	
Max.			kW	10.2	14.0	14.0	
Total Input		Rated	kW	2.338	3.172	3.172	
COP				3.25	3.53	3.53	
Annual Electricity Consumption		kWh/a		1636	2658	2659	
SCOP				4.0	4.1	4.1	
		Energy efficiency class		A+	A+	A+	
Operating Current(max)		A		19.4	20.7	8.7	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11
	Operating Current(max)	A		0.4	0.71	0.71	
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360
	Weight	kg		46	46	46	
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-22-24	25-28-30	25-28-30
	External Static Pressure	Pa		0	0	0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	40-42-44	45-49-51	45-49-51
	Sound Level (PWL)	Cooling			60	65	65
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight	kg		67	105	111	
	Air Volume	Cooling	Rated	m ³ /min.	55	110	110
		Heating	Rated	m ³ /min.	55	110	110
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
			Silent	dB(A)	44	46	46
		Heating	Rated	dB(A)	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	67	69	69
	Operating Current(max)	A		19	20	8	
	Breaker Size	A		25	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In		m	55	100	100
	Max. Height	Out-In		m	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-15	-15
			Upper Limit.	°C	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA		
		Outdoor Unit		PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2		
Refrigerant				R32					
Power Supply			Source	Outdoor power supply					
Out	V	230		400	230	400			
		Phase	Single	Three	Single	Three			
			Hz	50	50	50			
	In	V	—		—	—	—		
			Phase	—		—	—		
				Hz	—		—		
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4		
		Min.	kW	5.5	5.5	6.2	6.2		
		Max.	kW	14.0	14.0	15.0	15.0		
	SHF	Rated	0.72		0.72	0.71	0.71		
	Total Input	Rated	kW	3.955	3.955	3.976	3.976		
	EER				3.16	3.16	3.37	3.37	
	Annual Electricity Consumption		kWh/a	835	846	765	776		
	SEER				5.2	5.1	6.1	6.0	
			Energy efficiency class	A		A	A++	A+	
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0	
Min.			kW	5	5	5.7	5.7		
Max.			kW	16.0	16.0	18.0	18.0		
Total Input		Rated	kW	4.501	4.501	5.000	5.000		
COP				3.11	3.11	3.20	3.20		
Annual Electricity Consumption		kWh/a	3337	3338	3685	3685			
SCOP				3.9	3.9	4.0	4.0		
		Energy efficiency class	A		A	A+	A+		
Operating Current(max)			A	27.2	9.7	30.7	12.5		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	
	Operating Current(max)				A	0.73	0.73	0.73	0.73
	Dimensions	H × W × D		mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	
	Weight				kg	46	46	48	48
	Air Volume	Lo-Mid-Hi	m ³ /min.		25-28-31	25-28-31	25-28-31	25-28-31	
	External Static Pressure				Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)		45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling			66	66	66	66	
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight				kg	105	114	105	118
	Air Volume	Cooling	Rated	m ³ /min.	120	120	120	120	
		Heating	Rated	m ³ /min.	120	120	120	120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50	
			Silent	dB(A)	47	47	47	47	
		Heating	Rated	dB(A)	52	52	52	52	
			Sound Level (PWL)		Cooling	dB(A)	70	70	70
	Operating Current(max)				A	26.5	9	30	11.8
	Breaker Size				A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52		
		Gas	mm	15.88	15.88	15.88	15.88		
	Max.Length	Out-In	m	100	100	100	100		
	Max. Height	Out-In	m	30	30	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-20	-20	-20	-20	
			Upper Limit.	°C	+21	+21	+21	+21	

FLOOR-STANDING SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Standard Inverter SERIES

Model Name	Indoor Unit			PSA-M71KA	PSA-M100KA	PSA-M100KA		
	Outdoor Unit			SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2		
Refrigerant				R32				
Power Supply		Source		Outdoor power supply				
Out	V	230		230	400			
		Phase	Single		Single	Three		
			50		50	50		
	In	V	—		—	—		
			Phase	—		—	—	
				—		—	—	
Cooling	Capacity	Rated	kW	7.1	9.4	9.4		
		Min.	kW	2.2	3.7	3.7		
		Max.	kW	8.1	10.6	10.6		
	SHF	Rated		0.75	0.73	0.73		
	Total Input	Rated	kW	1.972	2.686	2.686		
	EER			3.60	3.50	3.50		
	Annual Electricity Consumption		kWh/a	394	591	591		
	SEER			6.3	5.5	5.5		
	Energy efficiency class			A++	A	A		
	Heating	Capacity	Rated	kW	8.0	11.2	11.2	
			Min.	kW	2.1	2.8	2.8	
Max.			kW	10.2	12.5	12.5		
Total Input		Rated	kW	2.492	3.246	3.246		
COP			3.21	3.45	3.45			
Annual Electricity Consumption		kWh/a	2003	2745	2745			
SCOP			4.0	4.0	4.0			
Energy efficiency class			A+	A+	A+			
Operating Current(max)			A	15.2	20.7	12.2		
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11
		Operating Current(max)			A	0.4	0.71	0.71
	Dimensions			H × W × D	mm	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	46	
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-22-24	25-28-30	25-28-30	
	External Static Pressure			Pa	0	0	0	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	40-42-44	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling		dB(A)	60	65	65	
Outdoor Unit	Dimensions			H × W × D	mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78	
	Air Volume	Cooling	Rated	m ³ /min.	50.1	79	79	
		Heating	Rated	m ³ /min.	50.1	79	79	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51	
			Silent	dB(A)	—	46	46	
		Heating	Rated	dB(A)	51	54	54	
	Sound Level (PWL)	Cooling		dB(A)	66	70	70	
	Operating Current(max)			A	14.8	20	11.5	
	Breaker Size			A	20	32	16	
	Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
Gas			mm	15.88	15.88	15.88		
Max.Length		Out-In	m	30	55	55		
Max. Height		Out-In	m	30	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	
	Heating	Lower Limit.	°C	-10	-10	-15		
		Upper Limit.	°C	+24	+24	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR-STANDING SPECIFICATIONS

Model Name		Indoor Unit		PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA		
		Outdoor Unit		PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2		
Refrigerant				R32					
Power Supply			Source	Outdoor power supply					
Out	V	230		400	230	400			
		Phase	Single		Three	Single	Three		
			50		50	50	50		
	In	V	—		—	—	—		
			Phase	—		—	—	—	
				—		—	—	—	
Cooling	Capacity	Rated	kW	12.1	12.1	13.6	13.6		
		Min.	kW	5.6	5.6	5.8	5.8		
		Max.	kW	13.0	13.0	13.7	13.7		
	SHF	Rated	0.72		0.72	0.71	0.71		
	Total Input	Rated	kW	4.481	4.481	5.037	5.037		
	EER				2.70	2.70	2.70	2.70	
	Annual Electricity Consumption		kWh/a	823	823	868	868		
	SEER				5.1	5.1	5.4	5.4	
			Energy efficiency class	A		A	A	A	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0	
Min.			kW	4.8	4.8	4.9	4.9		
Max.			kW	15.0	15.0	15.8	15.8		
Total Input		Rated	kW	4.355	4.355	4.761	4.761		
COP				3.10	3.10	3.15	3.15		
Annual Electricity Consumption		kWh/a	3095	3095	3269	3269			
SCOP				3.8	3.8	4.0	4.0		
		Energy efficiency class	A		A	A+	A+		
Operating Current(max)			A	27.2	12.2	30.7	12.2		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	
	Operating Current(max)				A	0.73	0.73	0.73	0.73
	Dimensions		H × W × D	mm		1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight				kg	46	46	48	48
	Air Volume	Lo-Mid-Hi	m ³ /min.		25-28-31	25-28-31	25-28-31	25-28-31	
	External Static Pressure				Pa	0	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)		45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling	dB(A)		66	66	66	66	
Outdoor Unit	Dimensions		H × W × D	mm		981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight				kg	84	85	84	85
	Air Volume	Cooling	Rated	m ³ /min.		86	86	86	86
		Heating	Rated	m ³ /min.		92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)		54	54	55	55
			Silent	dB(A)		47	47	47	47
		Heating	Rated	dB(A)		56	56	57	57
			Sound Level (PWL)		Cooling	dB(A)		72	72
	Operating Current(max)				A	26.5	11.5	30	11.5
	Breaker Size				A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm		9.52	9.52	9.52	9.52	
		Gas	mm		15.88	15.88	15.88	15.88	
	Max.Length	Out-In	m		65	65	65	65	
	Max. Height	Out-In	m		30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
		Heating	Lower Limit.	°C	-15	-15	-15	-15	
			Upper Limit.	°C	+21	+21	+21	+21	

FLOOR-STANDING SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.5.1.2 R410A type
1. Power Inverter SERIES

Model Name	Indoor Unit			PSA-M71KA	PSA-M100KA	PSA-M100KA	
	Outdoor Unit			PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	
Refrigerant				R410A			
Power Supply				Outdoor power supply			
Power Supply	Out	Source		V	230	230	400
		Phase		Single	Single	Single	Three
		Hz		50	50	50	50
	In	V		—	—	—	—
		Phase		—	—	—	—
		Hz		—	—	—	—
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	3.3	4.9	4.9	
		Max.	kW	8.1	11.4	11.4	
	SHF	Rated		0.75	0.73	0.73	
	Total Input	Rated	kW	1.890	2.500	2.500	
	EER			3.76	3.80	3.80	
	Annual Electricity Consumption		kWh/a	394	584	595	
	SEER			6.3	5.6	5.5	
			Energy efficiency class		A++	A+	A
Heating	Capacity	Rated	kW	7.6	11.2	11.2	
		Min.	kW	3.5	4.5	4.5	
		Max.	kW	10.2	14.0	14.0	
	Total Input	Rated	kW	2.210	3.080	3.080	
	COP			3.44	3.64	3.64	
	Annual Electricity Consumption		kWh/a	1668	2730	2731	
	SCOP			3.9	3.9	3.9	
			Energy efficiency class		A	A	A
	Operating Current(max)		A	19.4	27.2	8.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)		A	0.4	0.71	0.71	
	Dimensions	H × W × D	mm	1900-600-360	1900-600-360	1900-600-360	
	Weight		kg	46	46	46	
	Air Volume	Lo-Mid-Hi	m ³ /min.	20-22-24	25-28-30	25-28-30	
	External Static Pressure		Pa	0	0	0	
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	40-42-44	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling		60	65	65	
Outdoor Unit	Dimensions	H × W × D	mm	943-950-330(+30)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	70	116	123	
	Air Volume	Cooling	Rated	m ³ /min.	55	110	110
		Heating	Rated	m ³ /min.	55	110	110
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
			Silent	dB(A)	44	46	46
		Heating	Rated	dB(A)	48	51	51
	Sound Level (PWL)	Cooling		dB(A)	67	69	69
	Operating Current(max)		A	19	26.5	8	
	Breaker Size		A	25	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	50	75	75	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA			
		Outdoor Unit		PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3			
Refrigerant				R410A						
Power Supply			Source	Outdoor power supply						
Out	V	230		400	230	400				
		Phase	Single	Three	Single	Three				
			Hz	50	50	50				
	In	V	—		—	—	—			
			Phase	—		—	—			
				Hz		—	—	—		
Cooling	Capacity	Rated	kW	12.5	12.5	13.4	13.4			
		Min.	kW	5.5	5.5	6.2	6.2			
		Max.	kW	14.0	14.0	15.0	15.0			
	SHF	Rated	0.72		0.72	0.71	0.71			
	Total Input	Rated	kW	4.084	4.084	4.060	4.060			
	EER				3.06	3.06	3.30	3.30		
	Annual Electricity Consumption		kWh/a	872	883	872	883			
	SEER				5.0	4.9	5.3	5.3		
			Energy efficiency class		B	B	A	A		
	Heating	Capacity	Rated	kW	14.0	14.0	16.0	16.0		
Min.			kW	5.0	5.0	5.7	5.7			
Max.			kW	16.0	16.0	18.0	18.0			
Total Input		Rated	kW	4.242	4.242	4.790	4.790			
COP				3.30	3.30	3.34	3.34			
Annual Electricity Consumption		kWh/a	3288	3289	3333	3334				
SCOP				3.9	3.9	4.4	4.4			
		Energy efficiency class		A	A	A+	A+			
Operating Current(max)			A	27.2	10.2	28.7	13.7			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11		
	Operating Current(max)				A	0.73	0.73	0.73	0.73	
	Dimensions		H × W × D			mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight				kg	46	46	48	48	
	Air Volume	Lo-Mid-Hi			m ³ /min.	25-28-31	25-28-31	25-28-31	25-28-31	
	External Static Pressure				Pa	0	0	0	0	
	Sound Level (SPL)	Lo-Mid-Hi			dB(A)	45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)	Cooling			dB(A)	66	66	66	66	
Outdoor Unit	Dimensions		H × W × D			mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight				kg	116	125	118	131	
	Air Volume	Cooling	Rated			m ³ /min.	120	120	120	120
		Heating	Rated			m ³ /min.	120	120	120	120
	Sound Level (SPL)	Cooling	Rated			dB(A)	50	50	50	50
			Silent			dB(A)	47	47	47	47
		Heating	Rated			dB(A)	52	52	52	52
			Sound Level (PWL)		Cooling			dB(A)	70	70
	Operating Current(max)				A	26.5	9.5	28	13	
	Breaker Size				A	32	16	40	16	
Ext. Piping	Diameter (*2)	Liquid			mm	9.52	9.52	9.52	9.52	
		Gas			mm	15.88	15.88	15.88	15.88	
	Max.Length	Out-In			m	75	75	75	75	
	Max. Height	Out-In			m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15		
			Upper Limit.	°C	+46	+46	+46	+46		
		Heating	Lower Limit.	°C	-20	-20	-20	-20		
			Upper Limit.	°C	+21	+21	+21	+21		

FLOOR-STANDING SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Mr.Slim+

Model Name	Indoor Unit			PSA-M71KA	
	Outdoor Unit			PUHZ-FRP71VHA2	
Refrigerant				R410A	
Power Supply	Source			Outdoor power supply	
	Out	V		230	
		Phase		Single	
		Hz		50	
	In	V		—	
		Phase		—	
Hz		—			
Cooling	Capacity	Rated	kW	7.1	
		Min.	kW	3.3	
		Max.	kW	8.1	
	SHF	Rated		0.75	
	Total Input	Rated	kW	2.151	
	EER				3.30
	Annual Electricity Consumption			kWh/a	409
	SEER				6.0
	Energy efficiency class			A+	
Heating	Capacity	Rated	kW	8.0	
		Min.	kW	3.5	
		Max.	kW	10.2	
	Total Input	Rated	kW	2.424	
	COP				3.30
	Annual Electricity Consumption			kWh/a	1699
	SCOP				3.8
	Energy efficiency class			A	
	Operating Current(max)			A	19.4
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.06 / 0.06
		Operating Current(max)			A
	Dimensions		H × W × D	mm	1900-600-360
	Weight			kg	46
	Air Volume	Lo-Mid-Hi		m ³ /min.	20-22-24
	External Static Pressure			Pa	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	40-42-44
	Sound Level (PWL)	Cooling			60
Outdoor Unit	Dimensions		H × W × D	mm	943-950-330
	Weight			kg	73
	Air Volume	Cooling	Rated	m ³ /min.	50
		Heating	Rated	m ³ /min.	50
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	—
		Heating	Rated	dB(A)	49
	Sound Level (PWL)	Cooling		dB(A)	67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	
		Gas	mm	15.88	
	Max.Length	Out-In		m	60
	Max. Height	Out-In		m	20
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15
			Upper Limit.	°C	+46
		Heating	Lower Limit.	°C	-20
			Upper Limit.	°C	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR-STANDING SPECIFICATIONS

3. Standard Inverter SERIES

Model Name		Indoor Unit		PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA
		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA
Refrigerant				R410A			
Power Supply			Source	Outdoor power supply			
Out	V	230		400	230	400	
		Phase		Single	Three	Single	Three
		Hz		50	50	50	50
	In	V		—	—	—	—
		Phase		—	—	—	—
		Hz		—	—	—	—
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1
		Min.	kW	3.7	3.7	5.6	5.6
		Max.	kW	10.6	10.6	13.0	13.0
	SHF	Rated		0.73	0.73	0.72	0.72
	Total Input	Rated	kW	3.122	3.122	5.020	5.020
	EER			3.01	3.01	2.41	2.41
	Annual Electricity Consumption		kWh/a	644	644	841	841
	SEER			5.1	5.1	5.0	5.0
			Energy efficiency class	A	A	B	B
	Heating	Capacity	Rated	kW	11.2	11.2	13.5
Min.			kW	2.8	2.8	4.8	4.8
Max.			kW	12.5	12.5	15.0	15.0
Total Input		Rated	kW	3.284	3.284	4.804	4.804
COP			3.41	3.41	2.81	2.81	
Annual Electricity Consumption		kWh/a	2797	2797	3011	3011	
SCOP			4.0	4.0	3.9	3.9	
		Energy efficiency class	A+	A+	A	A	
Operating Current(max)			A	20.7	12.2	27.2	12.2
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
	Operating Current(max)		A	0.71	0.71	0.73	0.73
	Dimensions		H × W × D	mm	1900-600-360	1900-600-360	1900-600-360
	Weight			kg	46	46	46
	Air Volume	Lo-Mid-Hi		m ³ /min.	25-28-30	25-28-30	25-28-31
	External Static Pressure			Pa	0	0	0
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	Cooling		dB(A)	65	65	66
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330	981-1050-330	981-1050-330
	Weight			kg	76	78	84
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86
		Heating	Rated	m ³ /min.	79	79	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54
			Silent	dB(A)	49	49	52
		Heating	Rated	dB(A)	54	54	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72
	Operating Current(max)			A	20	11.5	26.5
	Breaker Size			A	32	16	32
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	50	50	50	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

FLOOR-STANDING SPECIFICATIONS

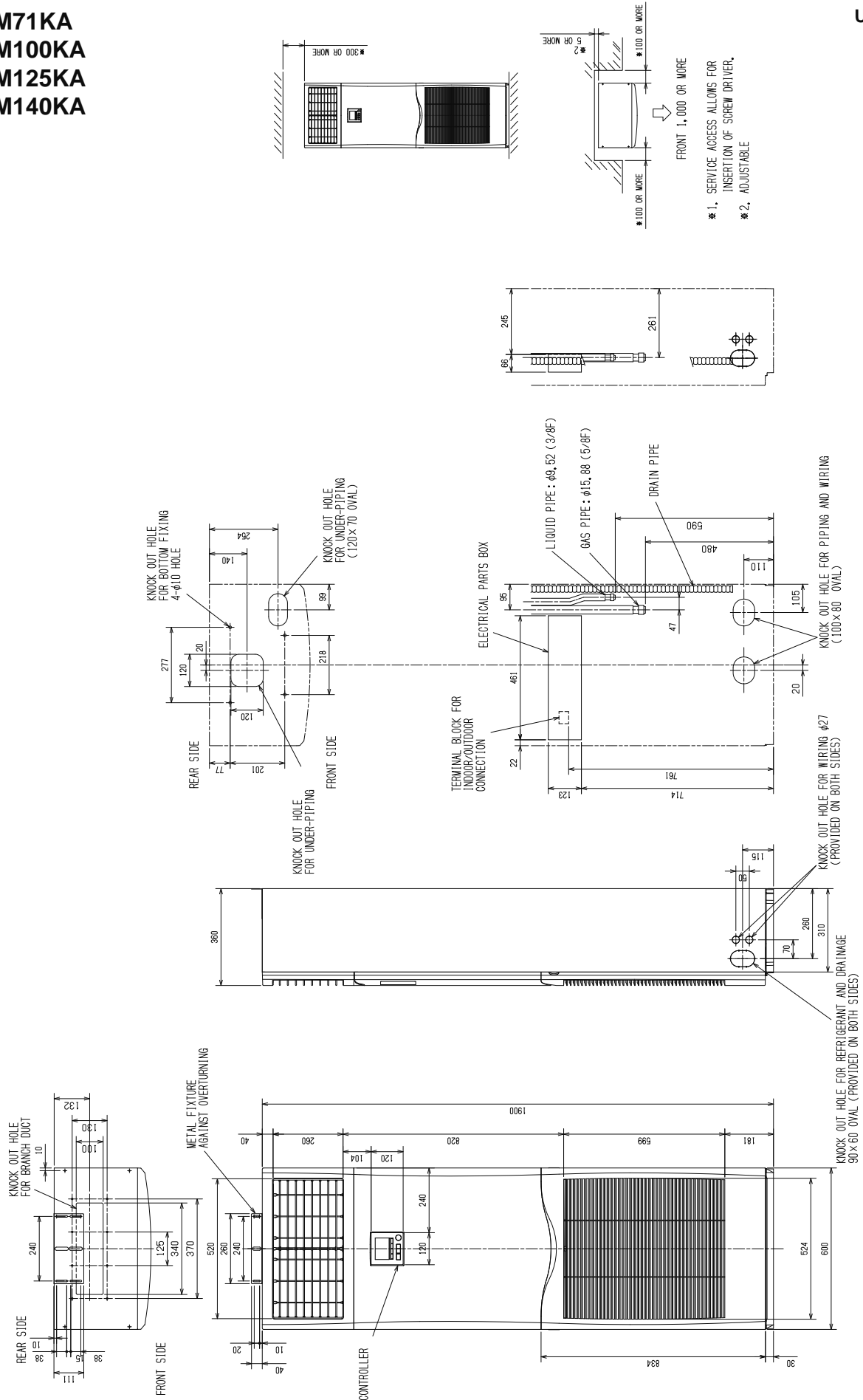
Model Name	Indoor Unit			PSA-M140KA	PSA-M140KA		
	Outdoor Unit			PUHZ-P140VKA	PUHZ-P140YKA		
Refrigerant	R410A						
Power Supply			Source	Outdoor power supply			
Out			V	230	400		
			Phase	Single	Three		
			Hz	50	50		
			V	—	—		
			Phase	—	—		
			Hz	—	—		
In			V	—	—		
			Phase	—	—		
			Hz	—	—		
	Capacity	Rated	kW	13.6	13.6		
		Min.	kW	5.8	5.8		
		Max.	kW	13.7	13.7		
	SHF	Rated		0.71	0.71		
	Total Input	Rated	kW	6.384	6.384		
	EER			2.13	2.13		
	Annual Electricity Consumption			kWh/a	941	941	
SEER			5.0	5.0			
			Energy efficiency class	B	B		
Heating	Capacity	Rated	kW	15.0	15.0		
		Min.	kW	4.9	4.9		
		Max.	kW	15.8	15.8		
	Total Input	Rated	kW	4.823	4.823		
	COP			3.11	3.11		
	Annual Electricity Consumption			kWh/a	3282	3282	
	SCOP			4.0	4.0		
				Energy efficiency class	A+	A+	
	Operating Current(max)			A	30.7	12.2	
	Indoor Unit	Input	Cooling/Heating	Rated	kW	0.11 / 0.11	0.11 / 0.11
Operating Current(max)			A	0.73	0.73		
Dimensions			H × W × D	mm	1900-600-360	1900-600-360	
Weight			kg	48	48		
Air Volume		Lo-Mid-Hi		m ³ /min.	25-28-31	25-28-31	
External Static Pressure			Pa	0	0		
Sound Level (SPL)		Lo-Mid-Hi		dB(A)	45-49-51	45-49-51	
Sound Level (PWL)		Cooling		dB(A)	66	66	
Outdoor Unit	Dimensions			H × W × D	mm	981-1050-330	981-1050-330
	Weight			kg	84	85	
	Air Volume	Cooling	Rated	m ³ /min.	86	86	
		Heating	Rated	m ³ /min.	92	92	
	Sound Level (SPL)	Cooling	Rated	dB(A)	56	56	
			Silent	dB(A)	54	54	
		Heating	Rated	dB(A)	57	57	
	Sound Level (PWL)	Cooling		dB(A)	75	75	
	Operating Current(max)			A	30	11.5	
	Breaker Size			A	40	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max.Length	Out-In	m	50	50		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
		Heating	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

A.5.2 OUTLINES AND DIMENSIONS

PSA-M71KA
 PSA-M100KA
 PSA-M125KA
 PSA-M140KA

Unit : mm



FLOOR-STANDING

OUTLINES AND DIMENSIONS

A.5.3 WIRING DIAGRAM

PSA-M71KA
PSA-M100KA
PSA-M125KA
PSA-M140KA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	R.B	WIRED REMOTE CONTROLLER BOARD	TH5	COND./EVA. TEMPERATURE THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
FUSE	FUSE (T6.3AL250V)	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)	OPTION PARTS	
CN2L	CONNECTOR (LOSSNAY)	DCL	REACTOR	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
CN32	CONNECTOR (REMOTE SWITCH)	MF	FAN MOTOR	BZ	BUZZER
CN41	CONNECTOR (HA TERMINAL-A)	ML	LOUVER MOTOR	LED1	LED (OPERATION INDICATION: GREEN)
CN51	CONNECTOR (CENTRALLY CONTROL)	TB2	TERMINAL BLOCK option for PSA-M.KA models.	RU	RECEIVING UNIT
CN105	CONNECTOR (IT TERMINAL)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)	SW1	EMERGENCY OPERATION (HEAT)
LED1	POWER SUPPLY (I.B)	TH1	ROOM TEMPERATURE THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)	SW2	EMERGENCY OPERATION (COOL)
LED2	POWER SUPPLY (R.B)	TH2	PIPE TEMPERATURE THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)				
SW2	SWITCH (CAPACITY CODE) Refer to <Table 1>.				
SW5	SWITCH (FUNCTION SETTING) Refer to <Table 2>.				
SWE	SWITCH (EMERGENCY OPERATION)				
X2	RELAY (LOUVER)				

FLOOR-STANDING WIRING DIAGRAM

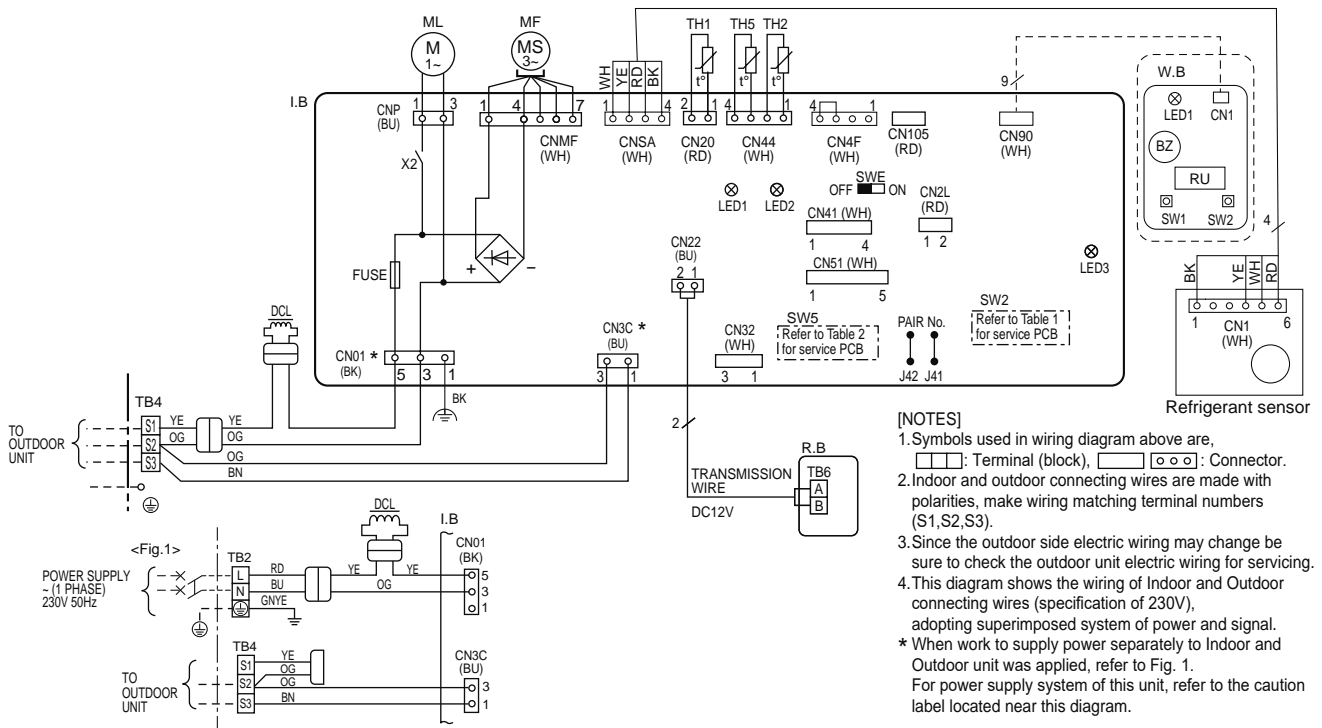


Table 1

SW2		SW2																															
CAPACITY	Manufacture/Service	CAPACITY	Manufacture/Service																														
71	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td></tr> </table>	1	2	3	4	5						ON	OFF	ON	OFF	ON	125	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td></tr> </table>	1	2	3	4	5						ON	OFF	ON	OFF	ON
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1	2	3	4	5																													
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100	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td></tr> </table>	1	2	3	4	5						ON	OFF	ON	OFF	ON	140	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td></tr> </table>	1	2	3	4	5						ON	OFF	ON	OFF	ON
1	2	3	4	5																													
ON	OFF	ON	OFF	ON																													
1	2	3	4	5																													
ON	OFF	ON	OFF	ON																													

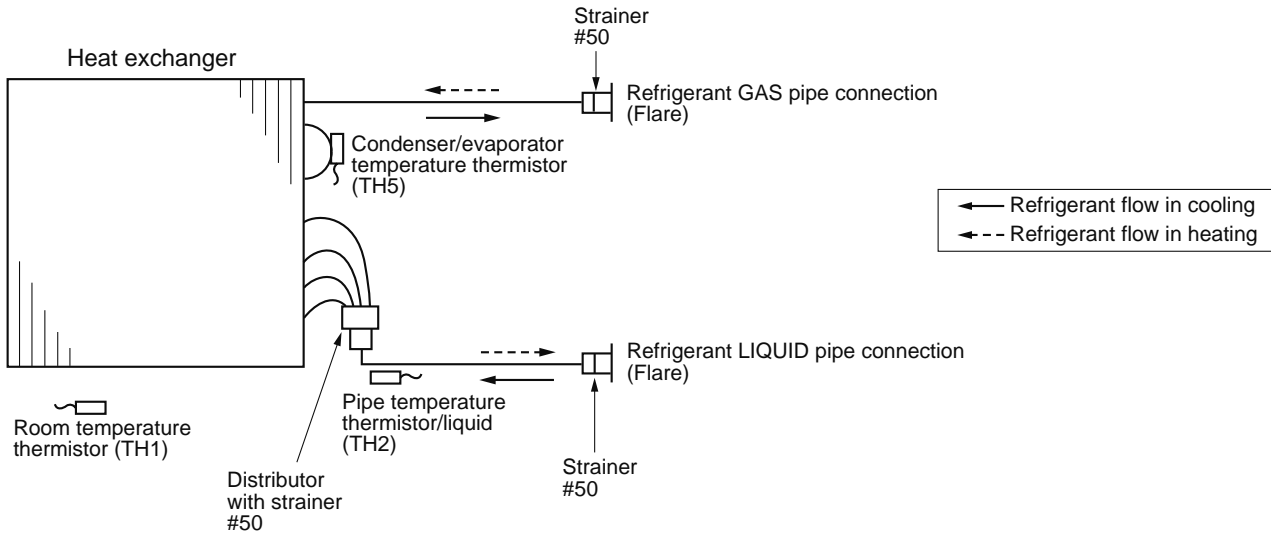
Table 2

SW5																									
Manufacture/Service																									
<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td><td>ON</td><td>OFF</td></tr> </table>	1	2	3	4	5	6	7	8									ON	OFF	ON	OFF	ON	OFF	ON	OFF	
1	2	3	4	5	6	7	8																		
ON	OFF	ON	OFF	ON	OFF	ON	OFF																		

The black square (■) indicates a switch position.

A.5.4 REFRIGERANT SYSTEM DIAGRAM

PSA-M71KA
 PSA-M100KA
 PSA-M125KA
 PSA-M140KA



FLOOR-
STANDING

REFRIGERANT SYSTEM DIAGRAM

A.5.5 PERFORMANCE DATA

A.5.5.1 R32 type

COOLING CAPACITY PSA-M71KA / PUZ-ZM71VHA2

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	5.369	5.208	0.97	1.384	5.244	5.087	0.97	1.512	5.118	4.964	0.97	1.640
14	8	5.483	4.935	0.90	1.384	5.337	4.803	0.90	1.514	5.190	4.671	0.90	1.644
14	9	5.710	4.682	0.82	1.381	5.558	4.558	0.82	1.517	5.405	4.432	0.82	1.653
16	8	5.594	5.426	0.97	1.382	5.464	5.300	0.97	1.516	5.335	5.175	0.97	1.650
16	9	5.752	5.062	0.88	1.381	5.598	4.926	0.88	1.518	5.445	4.792	0.88	1.655
16	11	6.016	4.813	0.80	1.377	5.855	4.684	0.80	1.521	5.694	4.555	0.80	1.665
18	10	5.825	5.592	0.96	1.380	5.689	5.461	0.96	1.519	5.554	5.332	0.96	1.659
18	11	6.039	5.254	0.87	1.378	5.877	5.113	0.87	1.522	5.715	4.972	0.87	1.666
18	12	6.341	4.946	0.78	1.373	6.169	4.812	0.78	1.524	5.997	4.678	0.78	1.675
20	16	7.029	4.569	0.65	1.510	6.816	4.430	0.65	1.595	6.603	4.292	0.65	1.690
20	18	7.526	3.989	0.53	1.539	7.313	3.876	0.53	1.624	7.065	3.744	0.53	1.737
20	20	8.094	3.319	0.41	1.586	7.917	3.246	0.41	1.661	7.704	3.159	0.41	1.775
22	16	7.029	5.131	0.73	1.510	6.816	4.976	0.73	1.595	6.603	4.820	0.73	1.690
22	18	7.526	4.591	0.61	1.539	7.313	4.461	0.61	1.624	7.065	4.310	0.61	1.737
22	20	8.094	3.966	0.49	1.586	7.917	3.879	0.49	1.661	7.704	3.775	0.49	1.775
24	16	7.029	5.693	0.81	1.510	6.816	5.521	0.81	1.595	6.603	5.348	0.81	1.690
24	18	7.526	5.193	0.69	1.539	7.313	5.046	0.69	1.624	7.065	4.875	0.69	1.737
24	20	8.094	4.614	0.57	1.586	7.917	4.513	0.57	1.661	7.704	4.391	0.57	1.775
24	22	8.627	3.882	0.45	1.624	8.449	3.802	0.45	1.718	8.236	3.706	0.45	1.831
26	16	7.029	6.256	0.89	1.510	6.816	6.066	0.89	1.595	6.603	5.877	0.89	1.690
26	18	7.526	5.795	0.77	1.539	7.313	5.631	0.77	1.624	7.065	5.440	0.77	1.737
26	20	8.094	5.261	0.65	1.586	7.917	5.146	0.65	1.661	7.704	5.008	0.65	1.775
26	22	8.627	4.572	0.53	1.624	8.449	4.478	0.53	1.718	8.236	4.365	0.53	1.831
27	16	7.029	6.537	0.93	1.510	6.816	6.399	0.93	1.595	6.603	6.141	0.93	1.690
27	18	7.526	6.096	0.81	1.539	7.313	5.924	0.81	1.624	7.065	5.723	0.81	1.737
27	20	8.094	5.585	0.69	1.586	7.917	5.463	0.69	1.661	7.704	5.316	0.69	1.775
27	22	8.627	4.917	0.57	1.624	8.449	4.816	0.57	1.718	8.236	4.695	0.57	1.831
28	16	7.029	6.818	0.97	1.510	6.816	6.612	0.97	1.595	6.603	6.405	0.97	1.690
28	18	7.526	6.397	0.85	1.539	7.313	6.216	0.85	1.624	7.065	6.005	0.85	1.737
28	20	8.094	5.909	0.73	1.586	7.917	5.779	0.73	1.661	7.704	5.624	0.73	1.775
28	22	8.627	5.262	0.61	1.624	8.449	5.154	0.61	1.718	8.236	5.024	0.61	1.831
30	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
30	18	7.526	6.999	0.93	1.539	7.313	6.801	0.93	1.624	7.065	6.570	0.93	1.737
30	20	8.094	6.556	0.81	1.586	7.917	6.413	0.81	1.661	7.704	6.240	0.81	1.775
30	22	8.627	5.953	0.69	1.624	8.449	5.830	0.69	1.718	8.236	5.683	0.69	1.831
32	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
32	18	7.526	7.526	1.00	1.539	7.313	7.313	1.00	1.624	7.065	7.065	1.00	1.737
32	20	8.094	7.204	0.89	1.586	7.917	7.046	0.89	1.661	7.704	6.857	0.89	1.775
32	22	8.627	6.643	0.77	1.624	8.449	6.506	0.77	1.718	8.236	6.342	0.77	1.831
34	16	7.029	7.029	1.00	1.510	6.816	6.816	1.00	1.595	6.603	6.603	1.00	1.690
34	18	7.526	7.526	1.00	1.539	7.313	7.313	1.00	1.624	7.065	7.065	1.00	1.737
34	20	8.094	7.851	0.97	1.586	7.917	7.679	0.97	1.661	7.704	7.473	0.97	1.775
34	22	8.627	7.333	0.85	1.624	8.449	7.182	0.85	1.718	8.236	7.001	0.85	1.831

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	4.978	4.829	0.97	1.785	4.827	4.682	0.97	1.936	4.702	4.561	0.97	2.085
14	8	5.027	4.524	0.90	1.789	4.862	4.376	0.90	1.939	4.729	4.256	0.90	2.088
14	9	5.237	4.294	0.82	1.803	5.057	4.147	0.82	1.957	4.909	4.025	0.82	2.109
16	8	5.190	5.034	0.97	1.800	5.035	4.884	0.97	1.955	4.906	4.759	0.97	2.109
16	9	5.276	4.643	0.88	1.806	5.096	4.484	0.88	1.960	4.953	4.359	0.88	2.114
16	11	5.519	4.415	0.80	1.821	5.331	4.265	0.80	1.980	5.173	4.138	0.80	2.138
18	10	5.406	5.190	0.96	1.814	5.247	5.037	0.96	1.974	5.114	4.909	0.96	2.131
18	11	5.540	4.820	0.87	1.822	5.352	4.656	0.87	1.982	5.194	4.519	0.87	2.140
18	12	5.814	4.535	0.78	1.837	5.618	4.382	0.78	2.002	5.450	4.251	0.78	2.165
20	16	6.319	4.107	0.65	1.812	6.035	3.923	0.65	1.945	5.751	3.738	0.65	2.105
20	18	6.816	3.612	0.53	1.860	6.603	3.500	0.53	2.001	6.177	3.274	0.53	2.152
20	20	7.384	3.027	0.41	1.907	7.100	2.911	0.41	2.039	6.674	2.736	0.41	2.190
22	16	6.319	4.613	0.73	1.812	6.035	4.406	0.73	1.945	5.751	4.198	0.73	2.105
22	18	6.816	4.158	0.61	1.860	6.603	4.028	0.61	2.001	6.177	3.768	0.61	2.152
22	20	7.384	3.618	0.49	1.907	7.100	3.479	0.49	2.039	6.674	3.270	0.49	2.190
24	16	6.319	5.118	0.81	1.812	6.035	4.888	0.81	1.945	5.751	4.658	0.81	2.105
24	18	6.816	4.703	0.69	1.860	6.603	4.556	0.69	2.001	6.177	4.262	0.69	2.152
24	20	7.384	4.209	0.57	1.907	7.100	4.047	0.57	2.039	6.674	3.804	0.57	2.190
24	22	7.952	3.578	0.45	1.945	7.668	3.451	0.45	2.096	7.242	3.259	0.45	2.228
26	16	6.319	5.624	0.89	1.812	6.035	5.371	0.89	1.945	5.751	5.118	0.89	2.105
26	18	6.816	5.248	0.77	1.860	6.603	5.084	0.77	2.001	6.177	4.756	0.77	2.152
26	20	7.384	4.800	0.65	1.907	7.100	4.615	0.65	2.039	6.674	4.338	0.65	2.190
26	22	7.952	4.215	0.53	1.945	7.668	4.064	0.53	2.096	7.242	3.838	0.53	2.228
27	16	6.319	5.877	0.93	1.812	6.035	5.613	0.93	1.945	5.751	5.348	0.93	2.105
27	18	6.816	5.521	0.81	1.860	6.603	5.348	0.81	2.001	6.177	5.003	0.81	2.152
27	20	7.384	5.095	0.69	1.907	7.100	4.899	0.69	2.039	6.674	4.605	0.69	2.190
27	22	7.952	4.533	0.57	1.945	7.668	4.371	0.57	2.096	7.242	4.128	0.57	2.228
28	16	6.319	6.129	0.97	1.812	6.035	5.854	0.97	1.945	5.751	5.578	0.97	2.105
28	18	6.816	5.794	0.85	1.860	6.603	5.613	0.85	2.001	6.177	5.250	0.85	2.152
28	20	7.384	5.390	0.73	1.907	7.100	5.183	0.73	2.039	6.674	4.872	0.73	2.190
28	22	7.952	4.851	0.61	1.945	7.668	4.677	0.61	2.096	7.242	4.418	0.61	2.228
30	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
30	18	6.816	6.339	0.93	1.860	6.603	6.141	0.93	2.001	6.177	5.745	0.93	2.152
30	20	7.384	5.981	0.81	1.907	7.100	5.751	0.81	2.039	6.674	5.406	0.81	2.190
30	22	7.952	5.487	0.69	1.945	7.668	5.291	0.69	2.096	7.242	4.997	0.69	2.228
32	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
32	18	6.816	6.816	1.00	1.860	6.603	6.603	1.00	2.001	6.177	6.177	1.00	2.152
32	20	7.384	6.572	0.89	1.907	7.100	6.319	0.89	2.039	6.674	5.940	0.89	2.190
32	22	7.952	6.123	0.77	1.945	7.668	5.904	0.77	2.096	7.242	5.576	0.77	2.228
34	16	6.319	6.319	1.00	1.812	6.035	6.035	1.00	1.945	5.751	5.751	1.00	2.105
34	18	6.816	6.816	1.00	1.860	6.603	6.603	1.00	2.001	6.177	6.177	1.00	2.152
34	20	7.384	7.162	0.97	1.907	7.100	6.887	0.97	2.039	6.674	6.474	0.97	

PSA-M100KA / PUZ-ZM100VKA2 PUZ-ZM100YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	7.184	6.825	0.95	1.828	7.016	6.665	0.95	1.996	6.848	6.506	0.95	2.165
14	8	7.337	6.457	0.88	1.827	7.141	6.284	0.88	1.999	6.945	6.112	0.88	2.170
14	9	7.641	6.113	0.80	1.824	7.436	5.949	0.80	2.003	7.232	5.786	0.80	2.183
16	8	7.485	7.111	0.95	1.825	7.311	6.945	0.95	2.002	7.138	6.781	0.95	2.179
16	9	7.696	6.619	0.86	1.823	7.491	6.442	0.86	2.004	7.286	6.266	0.86	2.185
16	11	8.050	6.279	0.78	1.819	7.834	6.111	0.78	2.009	7.619	5.943	0.78	2.199
18	10	7.794	7.326	0.94	1.822	7.613	7.156	0.94	2.006	7.431	6.985	0.94	2.191
18	11	8.080	6.868	0.85	1.819	7.864	6.684	0.85	2.009	7.647	6.500	0.85	2.199
18	12	8.485	6.449	0.76	1.813	8.255	6.274	0.76	2.012	8.024	6.098	0.76	2.212
20	16	9.405	5.925	0.63	1.994	9.120	5.746	0.63	2.107	8.835	5.566	0.63	2.231
20	18	10.070	5.136	0.51	2.032	9.785	4.990	0.51	2.144	9.453	4.821	0.51	2.294
20	20	10.830	4.224	0.39	2.094	10.593	4.131	0.39	2.194	10.308	4.020	0.39	2.343
22	16	9.405	6.678	0.71	1.994	9.120	6.475	0.71	2.107	8.835	6.273	0.71	2.231
22	18	10.070	5.941	0.59	2.032	9.785	5.773	0.59	2.144	9.453	5.577	0.59	2.294
22	20	10.830	5.090	0.47	2.094	10.593	4.979	0.47	2.194	10.308	4.845	0.47	2.343
24	16	9.405	7.430	0.79	1.994	9.120	7.205	0.79	2.107	8.835	6.980	0.79	2.231
24	18	10.070	6.747	0.67	2.032	9.785	6.556	0.67	2.144	9.453	6.334	0.67	2.294
24	20	10.830	5.957	0.55	2.094	10.593	5.826	0.55	2.194	10.308	5.669	0.55	2.343
24	22	11.543	4.963	0.43	2.144	11.305	4.861	0.43	2.269	11.020	4.739	0.43	2.418
26	16	9.405	8.182	0.87	1.994	9.120	7.934	0.87	2.107	8.835	7.686	0.87	2.231
26	18	10.070	7.553	0.75	2.032	9.785	7.339	0.75	2.144	9.453	7.090	0.75	2.294
26	20	10.830	6.823	0.63	2.094	10.593	6.674	0.63	2.194	10.308	6.494	0.63	2.343
26	22	11.543	5.887	0.51	2.144	11.305	5.766	0.51	2.269	11.020	5.620	0.51	2.418
27	16	9.405	8.559	0.91	1.994	9.120	8.299	0.91	2.107	8.835	8.040	0.91	2.231
27	18	10.070	7.955	0.79	2.032	9.785	7.730	0.79	2.144	9.453	7.468	0.79	2.294
27	20	10.830	7.256	0.67	2.094	10.593	7.097	0.67	2.194	10.308	6.906	0.67	2.343
27	22	11.543	6.349	0.55	2.144	11.305	6.218	0.55	2.269	11.020	6.061	0.55	2.418
28	16	9.405	8.935	0.95	1.994	9.120	8.664	0.95	2.107	8.835	8.393	0.95	2.231
28	18	10.070	8.358	0.83	2.032	9.785	8.122	0.83	2.144	9.453	7.846	0.83	2.294
28	20	10.830	7.689	0.71	2.094	10.593	7.521	0.71	2.194	10.308	7.319	0.71	2.343
28	22	11.543	6.810	0.59	2.144	11.305	6.670	0.59	2.269	11.020	6.502	0.59	2.418
30	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
30	18	10.070	9.164	0.91	2.032	9.785	8.904	0.91	2.144	9.453	8.602	0.91	2.294
30	20	10.830	8.556	0.79	2.094	10.593	8.368	0.79	2.194	10.308	8.143	0.79	2.343
30	22	11.543	7.734	0.67	2.144	11.305	7.574	0.67	2.269	11.020	7.383	0.67	2.418
32	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
32	18	10.070	9.969	0.99	2.032	9.785	9.687	0.99	2.144	9.453	9.358	0.99	2.294
32	20	10.830	9.422	0.87	2.094	10.593	9.216	0.87	2.194	10.308	8.968	0.87	2.343
32	22	11.543	8.657	0.75	2.144	11.305	8.479	0.75	2.269	11.020	8.265	0.75	2.418
34	16	9.405	9.405	1.00	1.994	9.120	9.120	1.00	2.107	8.835	8.835	1.00	2.231
34	18	10.070	10.070	1.00	2.032	9.785	9.785	1.00	2.144	9.453	9.453	1.00	2.294
34	20	10.830	10.289	0.95	2.094	10.593	10.063	0.95	2.194	10.308	9.793	0.95	2.343
34	22	11.543	9.581	0.83	2.144	11.305	9.383	0.83	2.269	11.020	9.147	0.83	2.418

FLOOR-STANDING
PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	6.660	6.327	0.95	2.357	6.458	6.135	0.95	2.556	6.291	5.976	0.95	2.753
14	8	6.727	5.920	0.88	2.362	6.505	5.724	0.88	2.561	6.328	5.569	0.88	2.758
14	9	7.007	5.606	0.80	2.381	6.767	5.414	0.80	2.585	6.569	5.255	0.80	2.785
16	8	6.945	6.598	0.95	2.377	6.737	6.400	0.95	2.581	6.565	6.237	0.95	2.784
16	9	7.059	6.071	0.86	2.385	6.819	5.864	0.86	2.588	6.628	5.700	0.86	2.791
16	11	7.384	5.760	0.78	2.405	7.133	5.564	0.78	2.615	6.922	5.399	0.78	2.823
18	10	7.233	6.799	0.94	2.395	7.021	6.600	0.94	2.606	6.843	6.432	0.94	2.814
18	11	7.413	6.301	0.85	2.406	7.161	6.087	0.85	2.617	6.950	5.908	0.85	2.826
18	12	7.779	5.912	0.76	2.426	7.516	5.712	0.76	2.644	7.292	5.542	0.76	2.859
20	16	8.455	5.327	0.63	2.393	8.075	5.087	0.63	2.568	7.695	4.848	0.63	2.780
20	18	9.120	4.651	0.51	2.456	8.835	4.506	0.51	2.643	8.265	4.215	0.51	2.842
20	20	9.880	3.853	0.39	2.518	9.500	3.705	0.39	2.692	8.930	3.483	0.39	2.892
22	16	8.455	6.003	0.71	2.393	8.075	5.733	0.71	2.568	7.695	5.463	0.71	2.780
22	18	9.120	5.381	0.59	2.456	8.835	5.213	0.59	2.643	8.265	4.876	0.59	2.842
22	20	9.880	4.644	0.47	2.518	9.500	4.465	0.47	2.692	8.930	4.197	0.47	2.892
24	16	8.455	6.679	0.79	2.393	8.075	6.379	0.79	2.568	7.695	6.079	0.79	2.780
24	18	9.120	6.110	0.67	2.456	8.835	5.919	0.67	2.643	8.265	5.538	0.67	2.842
24	20	9.880	5.434	0.55	2.518	9.500	5.225	0.55	2.692	8.930	4.912	0.55	2.892
24	22	10.640	4.575	0.43	2.568	10.260	4.412	0.43	2.767	9.690	4.167	0.43	2.942
26	16	8.455	7.356	0.87	2.393	8.075	7.025	0.87	2.568	7.695	6.695	0.87	2.780
26	18	9.120	6.840	0.75	2.456	8.835	6.626	0.75	2.643	8.265	6.199	0.75	2.842
26	20	9.880	6.224	0.63	2.518	9.500	5.985	0.63	2.692	8.930	5.626	0.63	2.892
26	22	10.640	5.426	0.51	2.568	10.260	5.233	0.51	2.767	9.690	4.942	0.51	2.942
27	16	8.455	7.694	0.91	2.393	8.075	7.348	0.91	2.568	7.695	7.002	0.91	2.780
27	18	9.120	7.205	0.79	2.456	8.835	6.980	0.79	2.643	8.265	6.529	0.79	2.842
27	20	9.880	6.620	0.67	2.518	9.500	6.365	0.67	2.692	8.930	5.983	0.67	2.892
27	22	10.640	5.852	0.55	2.568	10.260	5.643	0.55	2.767	9.690	5.330	0.55	2.942
28	16	8.455	8.032	0.95	2.393	8.075	7.671	0.95	2.568	7.695	7.310	0.95	2.780
28	18	9.120	7.570	0.83	2.456	8.835	7.333	0.83	2.643	8.265	6.860	0.83	2.842
28	20	9.880	7.015	0.71	2.518	9.500	6.745	0.71	2.692	8.930	6.340	0.71	2.892
28	22	10.640	6.278	0.59	2.568	10.260	6.053	0.59	2.767	9.690	5.717	0.59	2.942
30	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
30	18	9.120	8.299	0.91	2.456	8.835	8.040	0.91	2.643	8.265	7.521	0.91	2.842
30	20	9.880	7.805	0.79	2.518	9.500	7.505	0.79	2.692	8.930	7.055	0.79	2.892
30	22	10.640	7.129	0.67	2.568	10.260	6.874	0.67	2.767	9.690	6.492	0.67	2.942
32	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
32	18	9.120	9.029	0.99	2.456	8.835	8.747	0.99	2.643	8.265	8.182	0.99	2.842
32	20	9.880	8.596	0.87	2.518	9.500	8.265	0.87	2.692	8.930	7.769	0.87	2.892
32	22	10.640	7.980	0.75	2.568	10.260	7.695	0.75	2.767	9.690	7.268	0.75	2.942
34	16	8.455	8.455	1.00	2.393	8.075	8.075	1.00	2.568	7.695	7.695	1.00	2.780
34	18	9.120	9.120	1.00	2.456	8.835	8.835	1.00	2.643	8.265	8.265	1.00	2.842
34	20	9.880	9.386	0.95	2.518	9.500	9.025	0.95	2.692	8.930	8.484	0.95	2.892
34	22	10.640	8.831										

PSA-M125KA / PUZ-ZM125VKA2 PUZ-ZM125YKA2

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.453	8.886	0.94	2.900	9.232	8.678	0.94	3.167	9.010	8.469	0.94	3.435
14	8	9.654	8.399	0.87	2.898	9.396	8.175	0.87	3.171	9.138	7.950	0.87	3.443
14	9	10.053	7.942	0.79	2.894	9.784	7.729	0.79	3.178	9.515	7.517	0.79	3.462
16	8	9.848	9.257	0.94	2.895	9.620	9.043	0.94	3.176	9.392	8.828	0.94	3.456
16	9	10.126	8.607	0.85	2.892	9.856	8.378	0.85	3.179	9.586	8.148	0.85	3.466
16	11	10.592	8.156	0.77	2.885	10.308	7.937	0.77	3.187	10.025	7.719	0.77	3.488
18	10	10.256	9.538	0.93	2.890	10.017	9.316	0.93	3.183	9.777	9.093	0.93	3.476
18	11	10.632	8.931	0.84	2.886	10.347	8.691	0.84	3.188	10.062	8.452	0.84	3.489
18	12	11.164	8.373	0.75	2.877	10.861	8.146	0.75	3.193	10.558	7.919	0.75	3.508
20	16	12.375	7.673	0.62	3.164	12.000	7.440	0.62	3.342	11.625	7.208	0.62	3.540
20	18	13.250	6.625	0.50	3.223	12.875	6.438	0.50	3.401	12.438	6.219	0.50	3.639
20	20	14.250	5.415	0.38	3.322	13.938	5.296	0.38	3.480	13.563	5.154	0.38	3.718
22	16	12.375	8.663	0.70	3.164	12.000	8.400	0.70	3.342	11.625	8.138	0.70	3.540
22	18	13.250	7.685	0.58	3.223	12.875	7.468	0.58	3.401	12.438	7.214	0.58	3.639
22	20	14.250	6.555	0.46	3.322	13.938	6.411	0.46	3.480	13.563	6.239	0.46	3.718
24	16	12.375	9.653	0.78	3.164	12.000	9.360	0.78	3.342	11.625	9.068	0.78	3.540
24	18	13.250	8.745	0.66	3.223	12.875	8.498	0.66	3.401	12.438	8.209	0.66	3.639
24	20	14.250	7.695	0.54	3.322	13.938	7.527	0.54	3.480	13.563	7.324	0.54	3.718
24	22	15.188	6.379	0.42	3.401	14.875	6.248	0.42	3.599	14.500	6.090	0.42	3.836
26	16	12.375	10.643	0.86	3.164	12.000	10.320	0.86	3.342	11.625	9.998	0.86	3.540
26	18	13.250	9.805	0.74	3.223	12.875	9.528	0.74	3.401	12.438	9.204	0.74	3.639
26	20	14.250	8.835	0.62	3.322	13.938	8.642	0.62	3.480	13.563	8.409	0.62	3.718
26	22	15.188	7.594	0.50	3.401	14.875	7.438	0.50	3.599	14.500	7.250	0.50	3.836
27	16	12.375	11.138	0.90	3.164	12.000	10.800	0.90	3.342	11.625	10.463	0.90	3.540
27	18	13.250	10.335	0.78	3.223	12.875	10.043	0.78	3.401	12.438	9.702	0.78	3.639
27	20	14.250	9.405	0.66	3.322	13.938	9.199	0.66	3.480	13.563	8.952	0.66	3.718
27	22	15.188	8.202	0.54	3.401	14.875	8.033	0.54	3.599	14.500	7.830	0.54	3.836
28	16	12.375	11.633	0.94	3.164	12.000	11.280	0.94	3.342	11.625	10.928	0.94	3.540
28	18	13.250	10.865	0.82	3.223	12.875	10.558	0.82	3.401	12.438	10.199	0.82	3.639
28	20	14.250	9.975	0.70	3.322	13.938	9.757	0.70	3.480	13.563	9.494	0.70	3.718
28	22	15.188	8.809	0.58	3.401	14.875	8.628	0.58	3.599	14.500	8.410	0.58	3.836
30	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
30	18	13.250	11.925	0.90	3.223	12.875	11.588	0.90	3.401	12.438	11.194	0.90	3.639
30	20	14.250	11.115	0.78	3.322	13.938	10.872	0.78	3.480	13.563	10.579	0.78	3.718
30	22	15.188	10.024	0.66	3.401	14.875	9.818	0.66	3.599	14.500	9.570	0.66	3.836
32	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
32	18	13.250	12.985	0.98	3.223	12.875	12.618	0.98	3.401	12.438	12.189	0.98	3.639
32	20	14.250	12.255	0.86	3.322	13.938	11.987	0.86	3.480	13.563	11.664	0.86	3.718
32	22	15.188	11.239	0.74	3.401	14.875	11.008	0.74	3.599	14.500	10.730	0.74	3.836
34	16	12.375	12.375	1.00	3.164	12.000	12.000	1.00	3.342	11.625	11.625	1.00	3.540
34	18	13.250	13.250	1.00	3.223	12.875	12.875	1.00	3.401	12.438	12.438	1.00	3.639
34	20	14.250	13.395	0.94	3.322	13.938	13.102	0.94	3.480	13.563	12.749	0.94	3.718
34	22	15.188	12.454	0.82	3.401	14.875	12.198	0.82	3.599	14.500	11.890	0.82	3.836

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	8.763	8.237	0.94	3.740	8.497	7.987	0.94	4.055	8.278	7.781	0.94	4.368
14	8	8.851	7.700	0.87	3.747	8.559	7.446	0.87	4.063	8.326	7.244	0.87	4.375
14	9	9.220	7.284	0.79	3.777	8.904	7.034	0.79	4.100	8.643	6.828	0.79	4.419
16	8	9.138	8.590	0.94	3.771	8.865	8.333	0.94	4.095	8.638	8.120	0.94	4.417
16	9	9.288	7.895	0.85	3.783	8.973	7.627	0.85	4.106	8.721	7.413	0.85	4.428
16	11	9.716	7.481	0.77	3.815	9.385	7.226	0.77	4.149	9.108	7.013	0.77	4.478
18	10	9.517	8.851	0.93	3.800	9.239	8.592	0.93	4.134	9.003	8.373	0.93	4.465
18	11	9.754	8.193	0.84	3.817	9.422	7.914	0.84	4.151	9.145	7.682	0.84	4.483
18	12	10.236	7.677	0.75	3.849	9.890	7.418	0.75	4.195	9.595	7.196	0.75	4.536
20	16	11.125	6.898	0.62	3.797	10.625	6.588	0.62	4.074	10.125	6.278	0.62	4.410
20	18	12.000	6.000	0.50	3.896	11.625	5.813	0.50	4.192	10.875	5.438	0.50	4.509
20	20	13.000	4.940	0.38	3.995	12.500	4.750	0.38	4.271	11.750	4.465	0.38	4.588
22	16	11.125	7.788	0.70	3.797	10.625	7.438	0.70	4.074	10.125	7.088	0.70	4.410
22	18	12.000	6.960	0.58	3.896	11.625	6.743	0.58	4.192	10.875	6.308	0.58	4.509
22	20	13.000	5.980	0.46	3.995	12.500	5.750	0.46	4.271	11.750	5.405	0.46	4.588
24	16	11.125	8.678	0.78	3.797	10.625	8.288	0.78	4.074	10.125	7.898	0.78	4.410
24	18	12.000	7.920	0.66	3.896	11.625	7.673	0.66	4.192	10.875	7.178	0.66	4.509
24	20	13.000	7.020	0.54	3.995	12.500	6.750	0.54	4.271	11.750	6.345	0.54	4.588
24	22	14.000	5.880	0.42	4.074	13.500	5.670	0.42	4.390	12.750	5.355	0.42	4.667
26	16	11.125	9.568	0.86	3.797	10.625	9.138	0.86	4.074	10.125	8.708	0.86	4.410
26	18	12.000	8.880	0.74	3.896	11.625	8.603	0.74	4.192	10.875	8.048	0.74	4.509
26	20	13.000	8.060	0.62	3.995	12.500	7.750	0.62	4.271	11.750	7.285	0.62	4.588
26	22	14.000	7.000	0.50	4.074	13.500	6.750	0.50	4.390	12.750	6.375	0.50	4.667
27	16	11.125	10.013	0.90	3.797	10.625	9.563	0.90	4.074	10.125	9.113	0.90	4.410
27	18	12.000	9.360	0.78	3.896	11.625	9.068	0.78	4.192	10.875	8.483	0.78	4.509
27	20	13.000	8.580	0.66	3.995	12.500	8.250	0.66	4.271	11.750	7.755	0.66	4.588
27	22	14.000	7.560	0.54	4.074	13.500	7.290	0.54	4.390	12.750	6.885	0.54	4.667
28	16	11.125	10.458	0.94	3.797	10.625	9.988	0.94	4.074	10.125	9.518	0.94	4.410
28	18	12.000	9.840	0.82	3.896	11.625	9.533	0.82	4.192	10.875	8.918	0.82	4.509
28	20	13.000	9.100	0.70	3.995	12.500	8.750	0.70	4.271	11.750	8.225	0.70	4.588
28	22	14.000	8.120	0.58	4.074	13.500	7.830	0.58	4.390	12.750	7.395	0.58	4.667
30	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
30	18	12.000	10.800	0.90	3.896	11.625	10.463	0.90	4.192	10.875	9.788	0.90	4.509
30	20	13.000	10.140	0.78	3.995	12.500	9.750	0.78	4.271	11.750	9.165	0.78	4.588
30	22	14.000	9.240	0.66	4.074	13.500	8.910	0.66	4.390	12.750	8.415	0.66	4.667
32	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
32	18	12.000	11.760	0.98	3.896	11.625	11.393	0.98	4.192	10.875	10.658	0.98	4.509
32	20	13.000	11.180	0.86	3.995	12.500	10.750	0.86	4.271	11.750	10.105	0.86	4.588
32	22	14.000	10.360	0.74	4.074	13.500	9.990	0.74	4.390	12.750	9.435	0.74	4.667
34	16	11.125	11.125	1.00	3.797	10.625	10.625	1.00	4.074	10.125	10.125	1.00	4.410
34	18	12.000	12.000	1.00	3.896	11.625	11.625	1.00	4.				

PSA-M140KA / PUZ-ZM140VKA2 PUZ-ZM140YKA2

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	10.133	9.424	0.93	2.915	9.896	9.203	0.93	3.184	9.659	8.983	0.93	3.453
14	8	10.349	8.900	0.86	2.914	10.072	8.662	0.86	3.188	9.796	8.425	0.86	3.461
14	9	10.777	8.406	0.78	2.909	10.489	8.181	0.78	3.195	10.201	7.957	0.78	3.481
16	8	10.557	9.818	0.93	2.910	10.313	9.591	0.93	3.192	10.068	9.363	0.93	3.475
16	9	10.855	9.118	0.84	2.908	10.566	8.875	0.84	3.196	10.276	8.632	0.84	3.484
16	11	11.355	8.630	0.76	2.900	11.051	8.399	0.76	3.203	10.746	8.167	0.76	3.506
18	10	10.994	10.114	0.92	2.905	10.738	9.879	0.92	3.200	10.481	9.643	0.92	3.494
18	11	11.398	9.460	0.83	2.902	11.092	9.206	0.83	3.205	10.787	8.953	0.83	3.508
18	12	11.968	8.856	0.74	2.892	11.643	8.616	0.74	3.210	11.319	8.376	0.74	3.527
20	16	13.266	8.092	0.61	3.181	12.864	7.847	0.61	3.360	12.462	7.602	0.61	3.559
20	18	14.204	6.960	0.49	3.240	13.802	6.763	0.49	3.419	13.333	6.533	0.49	3.658
20	20	15.276	5.652	0.37	3.340	14.941	5.528	0.37	3.499	14.539	5.379	0.37	3.737
22	16	13.266	9.154	0.69	3.181	12.864	8.876	0.69	3.360	12.462	8.599	0.69	3.559
22	18	14.204	8.096	0.57	3.240	13.802	7.867	0.57	3.419	13.333	7.600	0.57	3.658
22	20	15.276	6.874	0.45	3.340	14.941	6.723	0.45	3.499	14.539	6.543	0.45	3.737
24	16	13.266	10.215	0.77	3.181	12.864	9.905	0.77	3.360	12.462	9.596	0.77	3.559
24	18	14.204	9.233	0.65	3.240	13.802	8.971	0.65	3.419	13.333	8.666	0.65	3.658
24	20	15.276	8.096	0.53	3.340	14.941	7.919	0.53	3.499	14.539	7.706	0.53	3.737
24	22	16.281	6.675	0.41	3.419	15.946	6.538	0.41	3.618	15.544	6.373	0.41	3.857
26	16	13.266	11.276	0.85	3.181	12.864	10.934	0.85	3.360	12.462	10.593	0.85	3.559
26	18	14.204	10.369	0.73	3.240	13.802	10.075	0.73	3.419	13.333	9.733	0.73	3.658
26	20	15.276	9.318	0.61	3.340	14.941	9.114	0.61	3.499	14.539	8.869	0.61	3.737
26	22	16.281	7.978	0.49	3.419	15.946	7.814	0.49	3.618	15.544	7.617	0.49	3.857
27	16	13.266	11.807	0.89	3.181	12.864	11.449	0.89	3.360	12.462	11.091	0.89	3.559
27	18	14.204	10.937	0.77	3.240	13.802	10.628	0.77	3.419	13.333	10.266	0.77	3.658
27	20	15.276	9.929	0.65	3.340	14.941	9.712	0.65	3.499	14.539	9.450	0.65	3.737
27	22	16.281	8.629	0.53	3.419	15.946	8.451	0.53	3.618	15.544	8.238	0.53	3.857
28	16	13.266	12.337	0.93	3.181	12.864	11.964	0.93	3.360	12.462	11.590	0.93	3.559
28	18	14.204	11.505	0.81	3.240	13.802	11.180	0.81	3.419	13.333	10.800	0.81	3.658
28	20	15.276	10.540	0.69	3.340	14.941	10.309	0.69	3.499	14.539	10.032	0.69	3.737
28	22	16.281	9.280	0.57	3.419	15.946	9.089	0.57	3.618	15.544	8.860	0.57	3.857
30	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
30	18	14.204	12.642	0.89	3.240	13.802	12.284	0.89	3.419	13.333	11.866	0.89	3.658
30	20	15.276	11.763	0.77	3.340	14.941	11.505	0.77	3.499	14.539	11.195	0.77	3.737
30	22	16.281	10.583	0.65	3.419	15.946	10.365	0.65	3.618	15.544	10.104	0.65	3.857
32	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
32	18	14.204	13.778	0.97	3.240	13.802	13.388	0.97	3.419	13.333	12.933	0.97	3.658
32	20	15.276	12.985	0.85	3.340	14.941	12.700	0.85	3.499	14.539	12.358	0.85	3.737
32	22	16.281	11.885	0.73	3.419	15.946	11.641	0.73	3.618	15.544	11.347	0.73	3.857
34	16	13.266	13.266	1.00	3.181	12.864	12.864	1.00	3.360	12.462	12.462	1.00	3.559
34	18	14.204	14.204	1.00	3.240	13.802	13.802	1.00	3.419	13.333	13.333	1.00	3.658
34	20	15.276	14.207	0.93	3.340	14.941	13.895	0.93	3.499	14.539	13.521	0.93	3.737
34	22	16.281	13.188	0.81	3.419	15.946	12.916	0.81	3.618	15.544	12.591	0.81	3.857

FLOOR-STANDING PERFORMANCE DATA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
14	7	9.394	8.736	0.93	3.759	9.109	8.471	0.93	4.077	8.874	8.253	0.93	4.391
14	8	9.488	8.160	0.86	3.767	9.175	7.891	0.86	4.084	8.926	7.676	0.86	4.398
14	9	9.883	7.709	0.78	3.797	9.545	7.445	0.78	4.122	9.265	7.227	0.78	4.442
16	8	9.796	9.110	0.93	3.791	9.503	8.838	0.93	4.117	9.260	8.612	0.93	4.441
16	9	9.957	8.364	0.84	3.803	9.619	8.080	0.84	4.128	9.348	7.852	0.84	4.452
16	11	10.415	7.915	0.76	3.835	10.061	7.646	0.76	4.171	9.764	7.421	0.76	4.502
18	10	10.203	9.387	0.92	3.820	9.904	9.112	0.92	4.156	9.652	8.880	0.92	4.488
18	11	10.456	8.678	0.83	3.837	10.100	8.383	0.83	4.173	9.803	8.136	0.83	4.506
18	12	10.973	8.120	0.74	3.869	10.602	7.845	0.74	4.217	10.286	7.612	0.74	4.560
20	16	11.926	7.275	0.61	3.817	11.390	6.948	0.61	4.095	10.854	6.621	0.61	4.433
20	18	12.864	6.303	0.49	3.916	12.462	6.106	0.49	4.215	11.658	5.712	0.49	4.533
20	20	13.936	5.156	0.37	4.016	13.400	4.958	0.37	4.294	12.596	4.661	0.37	4.612
22	16	11.926	8.229	0.69	3.817	11.390	7.859	0.69	4.095	10.854	7.489	0.69	4.433
22	18	12.864	7.332	0.57	3.916	12.462	7.103	0.57	4.215	11.658	6.645	0.57	4.533
22	20	13.936	6.271	0.45	4.016	13.400	6.030	0.45	4.294	12.596	5.668	0.45	4.612
24	16	11.926	9.183	0.77	3.817	11.390	8.770	0.77	4.095	10.854	8.358	0.77	4.433
24	18	12.864	8.362	0.65	3.916	12.462	8.100	0.65	4.215	11.658	7.578	0.65	4.533
24	20	13.936	7.386	0.53	4.016	13.400	7.102	0.53	4.294	12.596	6.676	0.53	4.612
24	22	15.008	6.153	0.41	4.095	14.472	5.934	0.41	4.413	13.668	5.604	0.41	4.692
26	16	11.926	10.137	0.85	3.817	11.390	9.682	0.85	4.095	10.854	9.226	0.85	4.433
26	18	12.864	9.391	0.73	3.916	12.462	9.097	0.73	4.215	11.658	8.510	0.73	4.533
26	20	13.936	8.501	0.61	4.016	13.400	8.174	0.61	4.294	12.596	7.684	0.61	4.612
26	22	15.008	7.354	0.49	4.095	14.472	7.091	0.49	4.413	13.668	6.697	0.49	4.692
27	16	11.926	10.614	0.89	3.817	11.390	10.137	0.89	4.095	10.854	9.660	0.89	4.433
27	18	12.864	9.905	0.77	3.916	12.462	9.596	0.77	4.215	11.658	8.977	0.77	4.533
27	20	13.936	9.058	0.65	4.016	13.400	8.710	0.65	4.294	12.596	8.187	0.65	4.612
27	22	15.008	7.954	0.53	4.095	14.472	7.670	0.53	4.413	13.668	7.244	0.53	4.692
28	16	11.926	11.091	0.93	3.817	11.390	10.593	0.93	4.095	10.854	10.094	0.93	4.433
28	18	12.864	10.420	0.81	3.916	12.462	10.094	0.81	4.215	11.658	9.443	0.81	4.533
28	20	13.936	9.616	0.69	4.016	13.400	9.246	0.69	4.294	12.596	8.691	0.69	4.612
28	22	15.008	8.555	0.57	4.095	14.472	8.249	0.57	4.413	13.668	7.791	0.57	4.692
30	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
30	18	12.864	11.449	0.89	3.916	12.462	11.091	0.89	4.215	11.658	10.376	0.89	4.533
30	20	13.936	10.731	0.77	4.016	13.400	10.318	0.77	4.294	12.596	9.699	0.77	4.612
30	22	15.008	9.755	0.65	4.095	14.472	9.407	0.65	4.413	13.668	8.884	0.65	4.692
32	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
32	18	12.864	12.478	0.97	3.916	12.462	12.088	0.97	4.215	11.658	11.308	0.97	4.533
32	20	13.936	11.846	0.85	4.016	13.400	11.390	0.85	4.294	12.596	10.707	0.85	4.612
32	22	15.008	10.956	0.73	4.095	14.472	10.565	0.73	4.413	13.668	9.978	0.73	4.692
34	16	11.926	11.926	1.00	3.817	11.390	11.390	1.00	4.095	10.854	10.854	1.00	4.433
34	18	12.864	12.864	1.00	3.91								

PSA-M140KA / PUZ-M140VKA2 PUZ-M140YKA2

Table with 14 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), and Outdoor intake air DB°C (subdivided into 20, 25, and 30). Rows list various indoor conditions and their corresponding power and capacity values.

FLOOR-STANDING PERFORMANCE DATA

Table with 14 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), and Outdoor intake air DB°C (subdivided into 35, 40, and 45). Rows list various indoor conditions and their corresponding power and capacity values.

When the indoor dry bulb temperature is lower than 20 °C, for preventing the heat exchanger of the indoor unit from freezing, the compressor frequency decreases not to lower the evaporation temperature. Correct values shown in the table above with correction factors indicated below.

Table with 4 columns: Indoor intake air D. B. (14°C, 16°C, 18°C), Capacity ratio (42%, 48%, 52%), Input ratio (56%, 70%, 71%).

Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C) P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY

PSA-M-KA / PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.826	1.379	5.244	1.520	5.852	1.754	7.676	2.104	8.664	2.338	9.652	2.525
	20	4.636	1.496	5.016	1.637	5.548	1.894	7.410	2.268	8.360	2.525	9.310	2.712
	25	4.484	1.590	4.864	1.777	5.320	2.057	6.992	2.408	8.056	2.700	8.968	2.911
PSA-M100KA	15	7.112	1.871	7.728	2.062	8.624	2.379	11.312	2.855	12.768	3.172	14.224	3.426
	20	6.832	2.030	7.392	2.220	8.176	2.569	10.920	3.077	12.320	3.426	13.720	3.680
	25	6.608	2.157	7.168	2.411	7.840	2.791	10.304	3.267	11.872	3.664	13.216	3.949
PSA-M125KA	15	8.890	2.656	9.660	2.926	10.780	3.376	14.140	4.051	15.960	4.501	17.780	4.861
	20	8.540	2.881	9.240	3.151	10.220	3.646	13.650	4.366	15.400	4.861	17.150	5.221
	25	8.260	3.061	8.960	3.421	9.800	3.961	12.880	4.636	14.840	5.199	16.520	5.604
PSA-M140KA	15	10.160	2.950	11.040	3.250	12.320	3.750	16.160	4.500	18.240	5.000	20.320	5.400
	20	9.760	3.200	10.560	3.500	11.680	4.050	15.600	4.850	17.600	5.400	19.600	5.800
	25	9.440	3.400	10.240	3.800	11.200	4.400	14.720	5.150	16.960	5.775	18.880	6.225

PSA-M-KA / PUZ-M-VKA2 PUZ-M-YKA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.826	1.379	5.244	1.520	5.852	1.754	7.676	2.104	8.664	2.338	9.652	2.525
	20	4.636	1.496	5.016	1.637	5.548	1.894	7.410	2.268	8.360	2.525	9.310	2.712
	25	4.484	1.590	4.864	1.777	5.320	2.057	6.992	2.408	8.056	2.700	8.968	2.911
PSA-M100KA	15	7.112	1.871	7.728	2.062	8.624	2.379	11.312	2.855	12.768	3.172	14.224	3.426
	20	6.832	2.030	7.392	2.220	8.176	2.569	10.920	3.077	12.320	3.426	13.720	3.680
	25	6.608	2.157	7.168	2.411	7.840	2.791	10.304	3.267	11.872	3.664	13.216	3.949
PSA-M125KA	15	8.890	2.656	9.660	2.926	10.780	3.376	14.140	4.051	15.960	4.501	17.780	4.861
	20	8.540	2.881	9.240	3.151	10.220	3.646	13.650	4.366	15.400	4.861	17.150	5.221
	25	8.260	3.061	8.960	3.421	9.800	3.961	12.880	4.636	14.840	5.199	16.520	5.604
PSA-M140KA	15	10.160	2.950	11.040	3.250	12.320	3.750	16.160	4.500	18.240	5.000	20.320	5.400
	20	9.760	3.200	10.560	3.500	11.680	4.050	15.600	4.850	17.600	5.400	19.600	5.800
	25	9.440	3.400	10.240	3.800	11.200	4.400	14.720	5.150	16.960	5.775	18.880	6.225

FLOOR-STANDING PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

PSA-M71KA / PUHZ-FRP71VHA2

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (20, 25, 30). Rows list various combinations of indoor and outdoor temperatures with corresponding CA, SHC, SHF, and P.C. values.

FLOOR-STANDING PERFORMANCE DATA

Table with columns for Indoor intake air D.B.(°C) and W.B.(°C), and Outdoor intake air DB°C (35, 40, 45). Rows list various combinations of indoor and outdoor temperatures with corresponding CA, SHC, SHF, and P.C. values.

Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C) P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY
PSA-M-KA / PUHZ-ZRP-VHA2(3) PUHZ-ZRP-YHA2(3)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	4.826	1.304	5.244	1.437	5.852	1.658	7.676	1.989	8.664	2.210	9.652	2.387
	20	4.636	1.414	5.016	1.547	5.548	1.790	7.410	2.144	8.360	2.387	9.310	2.564
	25	4.484	1.503	4.864	1.680	5.320	1.945	6.992	2.276	8.056	2.553	8.968	2.751
PSA-M100KA	15	7.112	1.817	7.728	2.002	8.624	2.310	11.312	2.772	12.768	3.080	14.224	3.326
	20	6.832	1.971	7.392	2.156	8.176	2.495	10.920	2.988	12.320	3.326	13.720	3.573
	25	6.608	2.094	7.168	2.341	7.840	2.710	10.304	3.172	11.872	3.557	13.216	3.835
PSA-M125KA	15	8.890	2.503	9.660	2.757	10.780	3.182	14.140	3.818	15.960	4.242	17.780	4.581
	20	8.540	2.715	9.240	2.969	10.220	3.436	13.650	4.115	15.400	4.581	17.150	4.921
	25	8.260	2.885	8.960	3.224	9.800	3.733	12.880	4.369	14.840	4.900	16.520	5.281
PSA-M140KA	15	10.160	2.826	11.040	3.114	12.320	3.593	16.160	4.311	18.240	4.790	20.320	5.173
	20	9.760	3.066	10.560	3.353	11.680	3.880	15.600	4.646	17.600	5.173	19.600	5.556
	25	9.440	3.257	10.240	3.640	11.200	4.215	14.720	4.934	16.960	5.532	18.880	5.964

FLOOR-STANDING PERFORMANCE DATA

HEATING CAPACITY
PSA-M-KA / PUHZ-FRP-HA2

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M71KA	15	5.080	1.430	5.520	1.576	6.160	1.818	8.080	2.182	9.120	2.424	10.160	2.618
	20	4.880	1.551	5.280	1.697	5.840	1.963	7.800	2.351	8.800	2.618	9.800	2.812
	25	4.720	1.648	5.120	1.842	5.600	2.133	7.360	2.497	8.480	2.800	9.440	3.018

PSA-M-KA / PUHZ-P-VKA PUHZ-P-YKA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PSA-M100KA	15	7.112	1.938	7.728	2.135	8.624	2.463	11.312	2.956	12.768	3.284	14.224	3.547
	20	6.832	2.102	7.392	2.299	8.176	2.660	10.920	3.185	12.320	3.547	13.720	3.809
	25	6.608	2.233	7.168	2.496	7.840	2.890	10.304	3.383	11.872	3.793	13.216	4.089
PSA-M125KA	15	8.573	2.834	9.315	3.123	10.395	3.603	13.635	4.324	15.390	4.804	17.145	5.188
	20	8.235	3.075	8.910	3.363	9.855	3.891	13.163	4.660	14.850	5.188	16.538	5.573
	25	7.965	3.267	8.640	3.651	9.450	4.228	12.420	4.948	14.310	5.549	15.930	5.981
PSA-M140KA	15	9.525	2.846	10.350	3.135	11.550	3.617	15.150	4.341	17.100	4.823	19.050	5.209
	20	9.150	3.087	9.900	3.376	10.950	3.907	14.625	4.678	16.500	5.209	18.375	5.595
	25	8.850	3.280	9.600	3.665	10.500	4.244	13.800	4.968	15.900	5.571	17.700	6.005

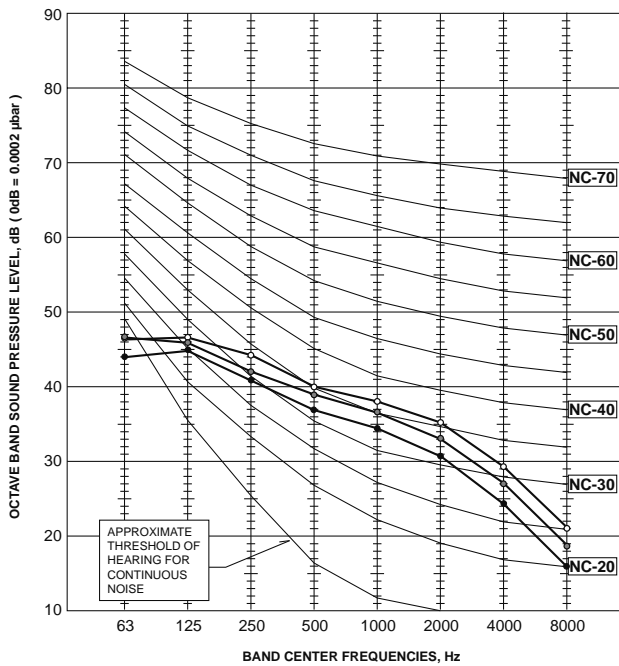
Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
 P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.5.6 NOISE CRITERIA CURVES

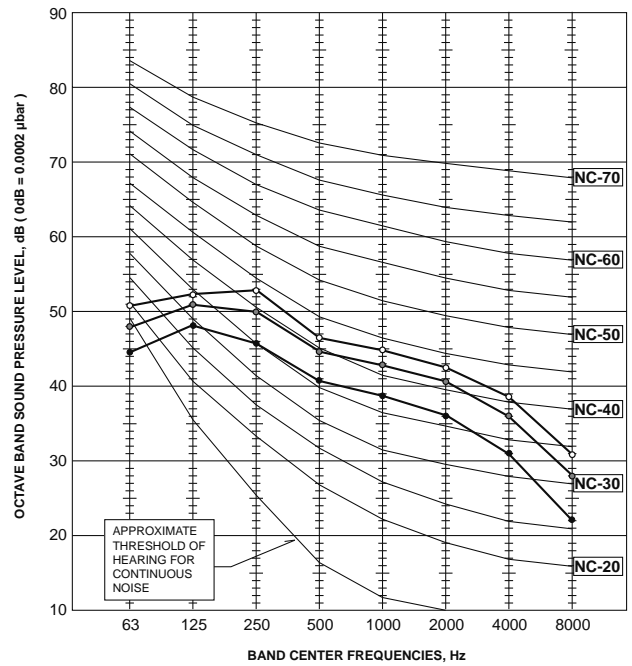
PSA-M71KA

NOTCH	SPL(dB)	LINE
High	44	○—○
Middle	42	●—●
Low	40	●—●



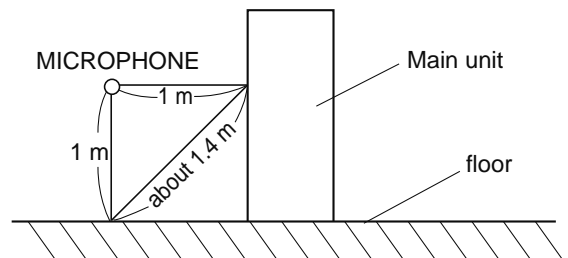
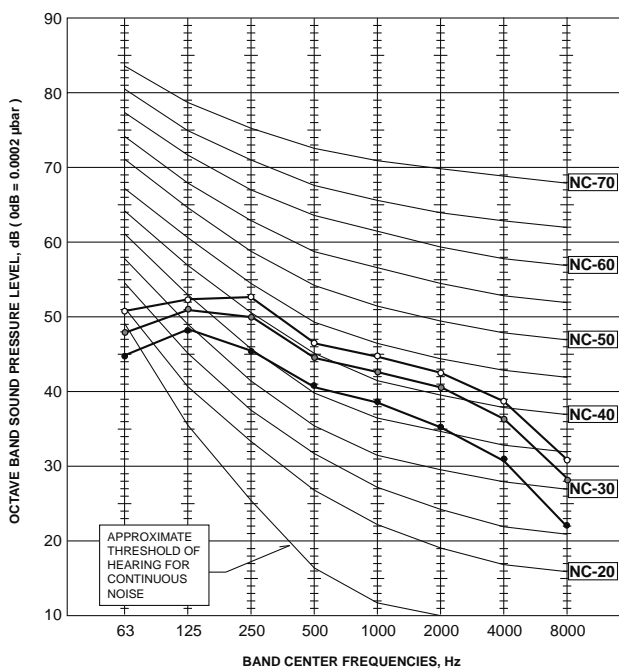
**PSA-M100KA
PSA-M125KA**

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	●—●
Low	45	●—●



PSA-M140KA

NOTCH	SPL(dB)	LINE
High	51	○—○
Middle	49	●—●
Low	45	●—●



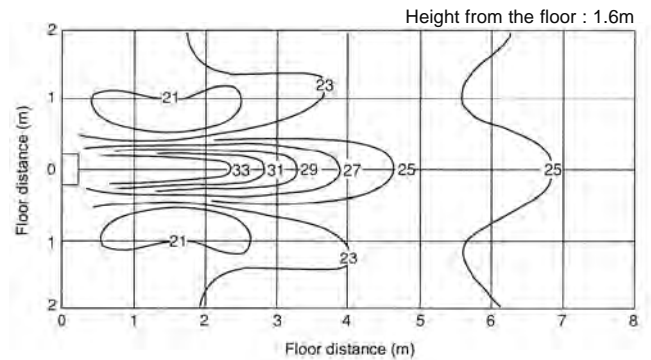
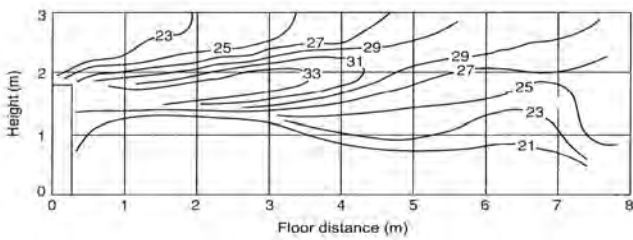
FLOOR-STANDING
NOISE CRITERIA CURVES

A.5.7 TEMPERATURE AND FLOW DISTRIBUTIONS

Temperature distribution

<Heating mode>

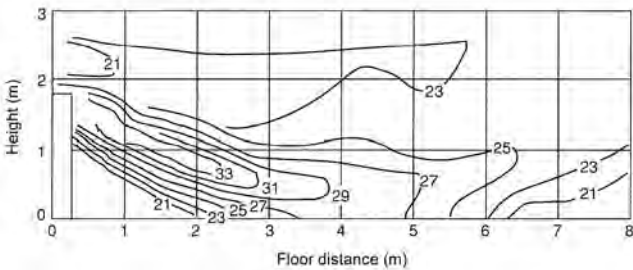
Notch : High Flow angle : 0°



Temperature distribution

<Heating mode>

Notch : High Flow angle : 70°



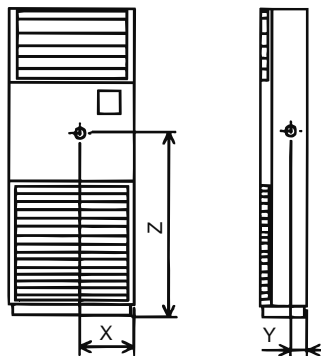
A.5.8 OUTLET AIR SPEED AND COVERAGE RANGE

		PSA-M71KA	PSA-M100KA	PSA-M125KA	PSA-M140KA
Air flow	m ³ /min	24	30	31	31
Air speed	m/sec	3.1	3.7	3.8	3.8
Coverage range	m	10.5	13.1	13.6	13.6

The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.

The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.5.9 CENTER OF GRAVITY POSITION



[Unit: mm]

	X	Y	Z
PSA-M71KA	295	145	960
PSA-M100KA	295	145	960
PSA-M125KA	295	145	960
PSA-M140KA	295	155	1060

FLOOR-STANDING TEMPERATURE AND FLOW DISTRIBUTIONS OUTLET AIR SPEED AND COVERAGE RANGE

A.6 CEILING-CONCEALED (PEAD/PEA)

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A.6.1 SPECIFICATIONS

A.6.1.1 R32 type

1. Power Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2	
		Outdoor Unit		PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase	Single		Single	Single	Single	Single
			Hz		50	50	50	50
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.85	0.84	0.83	0.80	
	Total Input	Rated	kW	0.837	1.190	1.487	1.775	
	EER			4.30	4.20	4.10	4.00	
	Annual Electricity Consumption		kWh/a	199	273	342	393	
	SEER			6.3	6.4	6.2	6.3	
		Energy efficiency class			A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.911	1.363	1.590	1.904	
COP				4.50	4.40	4.40	4.20	
Annual Electricity Consumption			kWh/a	816	1202	1459	1585	
SCOP				4.1	4.4	4.2	4.3	
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)			A	14.2	14.4	20.9	20.9	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
		Operating Current(max)		A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-(50)-(70)-(100)-(150)		40-(50)-(70)-(100)-(150)	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)
	Weight			kg	46	46	67	67
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	49	49
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In		m	50	50	55	55
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
Refrigerant		Outdoor Unit		PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.261	2.261	3.333	3.333	
	EER				4.20	4.20	3.75	3.75
Annual Electricity Consumption		kWh/a		499	510	699	710	
SEER				6.6	6.5	6.2	6.1	
		Energy efficiency class		A++	A++	A++	A++	
Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0	
		Min.	kW	4.5	4.5	5.0	5.0	
		Max.	kW	14.0	14.0	16.0	16.0	
	Total Input	Rated	kW	2.545	2.545	3.763	3.763	
	COP				4.40	4.40	3.72	3.72
	Annual Electricity Consumption		kWh/a		2469	2470	3134	3135
	SCOP				4.4	4.4	4.1	4.1
			Energy efficiency class		A+	A+	A+	A+
Operating Current(max)			A	22.3	10.3	28.8	11.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
	Operating Current(max)			A	2.25	2.25	2.34	2.34
	Dimensions H × W × D			mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m³/min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	35-39-41	35-39-41
	Sound Level (PWL)	Cooling			62	62	66	66
Outdoor Unit	Dimensions H × W × D			mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
	Weight			kg	105	111	105	114
	Air Volume	Cooling	Rated	m³/min.	110	110	120	120
		Heating	Rated	m³/min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
		Heating	Rated	dB(A)	46	46	47	47
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
		Heating		dB(A)	51	51	52	52
	Operating Current(max)			A	20	8	26.5	9
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	100	100	100	100	
		Max. Height	Out-In	m	30	30	30	30
Guranteed Operation Range	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+46	+46	+46	+46	
	Heating	Lower Limit.	°C	-20	-20	-20	-20	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEAD-M140JA(L)2		PEAD-M140JA(L)2	
		Outdoor Unit		PUZ-ZM140VKA2		PUZ-ZM140YKA2	
Refrigerant		R32					
Power Supply			Source	Outdoor power supply			
Out	V	230		400			
		Phase		Single		Three	
		Hz		50		50	
	In	V		-		-	
		Phase		-		-	
		Hz		-		-	
Cooling	Capacity	Rated	kW	13.4	13.4		
		Min.	kW	6.2	6.2		
		Max.	kW	15.3	15.3		
	SHF	Rated		0.77	0.77		
	Total Input	Rated	kW	3.701	3.701		
	EER			3.62	3.62		
	Annual Electricity Consumption		kWh/a	751	761		
	SEER			6.2	6.1		
			Energy efficiency class	A++	A++		
	Heating	Capacity	Rated	kW	16.0	16.0	
Min.			kW	5.7	5.7		
Max.			kW	18.0	18.0		
Total Input		Rated	kW	4.102	4.102		
COP			3.90	3.90			
Annual Electricity Consumption		kWh/a	3586	3587			
SCOP			4.1	4.1			
		Energy efficiency class	A+	A+			
Operating Current(max)			A	32.6	14.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21	
		Operating Current(max)		A	2.63	2.63	
	Dimensions		H × W × D	mm	250-1600-732	250-1600-732	
	Weight			kg	42(41)	42(41)	
	Air Volume	Lo-Mid-Hi	m³/min.	29.5-35.5-40.0	29.5-35.5-40.0		
	External Static Pressure			Pa	(40)-50-(70)-(100)-(150)		
	Sound Level (SPL)	Lo-Mid-Hi			34-38-41	34-38-41	
		Cooling			66	66	
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight			kg	105	118	
	Air Volume	Cooling	Rated	m³/min.	120	120	
		Heating	Rated	m³/min.	120	120	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	
			Silent	dB(A)	47	47	
		Heating	Rated	dB(A)	52	52	
	Sound Level (PWL)		Cooling		dB(A)	70	70
	Operating Current(max)			A	30	11.8	
	Breaker Size			A	40	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52		
		Gas	mm	15.88	15.88		
	Max. Length	Out-In	m	100	100		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
	Heating	Lower Limit.	°C	-20	-20		
		Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEA-M200LA		PEA-M250LA		
Refrigerant		Outdoor Unit		PUZ-ZM200YKA2		PUZ-ZM250YKA2		
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	19.0	22.0			
		Min.	kW	9.2	9.9			
		Max.	kW	22.4	27.0			
	SHF	Rated		0.80	0.79			
	Total Input	Rated	kW	5.757	7.213			
	EER			3.30	3.05			
Annual Electricity Consumption		kWh/a		1149	1439			
SEER				5.7	5.3			
		Energy efficiency class		A+	A			
Heating	Capacity	Rated	kW	22.4	27.0			
		Min.	kW	7.1	7.3			
		Max.	kW	25	31			
	Total Input	Rated	kW	6.400	7.941			
	COP				3.50	3.40		
	Annual Electricity Consumption		kWh/a		—	—		
	SCOP				—	—		
			Energy efficiency class		—	—		
Operating Current(max)			A	25.7	25.9			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.35 / 0.35	0.53 / 0.53		
		Operating Current(max)		A	3.1	3.4		
	Dimensions		H × W × D	mm	470 - 1370 - 1120	470 - 1370 - 1120		
	Weight			kg	87	87		
	Air Volume	Lo-Mid-Hi		m ³ /min.	42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa)		
	External Static Pressure				Pa	(60)-75-(100)-(150)-(200)		
	Sound Level (SPL)	Lo-Mid-Hi			dB(A)	35-40-43 38-43-47		
	Sound Level (PWL)	Cooling				63-64-64 67-67-68		
Outdoor Unit	Dimensions		H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)		
	Weight				kg	137	138	
	Air Volume	Cooling	Rated	m ³ /min.	140	140		
		Heating	Rated	m ³ /min.	140	140		
	Sound Level (SPL)	Cooling	Rated	dB(A)	59	59		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	62	62		
	Sound Level (PWL)	Cooling			dB(A)	77	77	
	Operating Current(max)				A	22.5	22.5	
	Breaker Size				A	32	32	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	12.7			
		Gas	mm	25.4	25.4			
	Max.Length	Out-In	m	100	100			
	Max. Height	Out-In	m	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	+21	+21		

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

2. Standard Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2	
		Outdoor Unit		SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	0.8	1.7	1.6	2.2	
		Max.	kW	3.9	5.6	6.3	8.1	
	SHF	Rated		0.85	0.84	0.83	0.80	
	Total Input	Rated	kW	0.923	1.351	1.694	2.028	
	EER			3.90	3.70	3.60	3.50	
	Annual Electricity Consumption		kWh/a	199	277	345	397	
	SEER			6.3	6.3	6.1	6.2	
		Energy efficiency class			A++	A++	A++	A++
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.1	1.5	1.6	2.0	
Max.			kW	5.0	7.2	8.0	10.2	
Total Input		Rated	kW	1.025	1.463	1.842	2.105	
COP				4.00	4.10	3.80	3.80	
Annual Electricity Consumption			kWh/a	884	1417	1558	1973	
SCOP				4.1	4.2	4.1	4.1	
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)			A	9.7	14.9	16.7	16.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
	Operating Current(max)			A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-(50)-(70)-(100)-(150)		40-(50)-(70)-(100)-(150)	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330	880-840-330
	Weight			kg	35	41	54	55
	Air Volume	Cooling	Rated	m ³ /min.	34.3	45.8	50.1	50.1
		Heating	Rated	m ³ /min.	32.7	43.7	50.1	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49	49
			Silent	dB(A)	—	—	—	—
		Heating	Rated	dB(A)	48	49	51	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65	66
	Operating Current(max)			A	8.5	13.5	14.8	14.8
	Breaker Size			A	16	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52	
		Gas	mm	9.52	12.7	15.88	15.88	
	Max. Length	Out-In	m	20	30	30	30	
	Max. Height	Out-In	m	12	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

SPECIFICATIONS
CEILING-CONCEALED

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
		Outdoor Unit		PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V			230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V			—	—	—	—
			Phase		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	12.1	12.1	
		Min.	kW	4.0	4.0	6.0	6.0	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.878	2.878	4.019	4.019	
	EER			3.30	3.30	3.01	3.01	
	Annual Electricity Consumption		kWh/a	538	538	792	792	
	SEER			6.1	6.1	5.3	5.3	
		Energy efficiency class		A++	A++	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.1	4.1	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	2.947	2.947	3.739	3.739	
COP				3.80	3.80	3.61	3.61	
Annual Electricity Consumption			kWh/a	2725	2725	3070	3070	
SCOP				4.1	4.1	3.8	3.8	
		Energy efficiency class		A+	A+	A	A	
Operating Current(max)			A	22.3	13.8	27.8	12.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
		Operating Current(max)		A	2.25	2.25	2.34	2.34
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m³/min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	35-39-41	35-39-41
	Sound Level (PWL)	Cooling			62	62	66	66
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	76	78	84	85
	Air Volume	Cooling	Rated	m³/min.	79	79	86	86
		Heating	Rated	m³/min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)			A	20	11.5	26.5	11.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In		m	55	55	65	65
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+21	+21	+21	+21

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M140JA(L)2		PEAD-M140JA(L)2		
		Outdoor Unit		PUZ-M140VKA2		PUZ-M140YKA2		
Refrigerant		R32						
Power Supply			Source	Outdoor power supply				
Out	V	230		400				
		Phase		Single		Three		
		Hz		50		50		
	In	V		-		-		
		Phase		-		-		
		Hz		-		-		
Cooling	Capacity	Rated	kW	13.4	13.4			
		Min.	kW	6.1	6.1			
		Max.	kW	14.1	14.1			
	SHF	Rated		0.77	0.77			
	Total Input	Rated	kW	4.768	4.768			
	EER			2.81	2.81			
	Annual Electricity Consumption		kWh/a	895	895			
	SEER			5.2	5.2			
			Energy efficiency class	A	A			
	Heating	Capacity	Rated	kW	15.0	15.0		
Min.			kW	4.2	4.2			
Max.			kW	15.8	15.8			
Total Input		Rated	kW	4.155	4.155			
COP			3.61	3.61				
Annual Electricity Consumption		kWh/a	3399	3399				
SCOP			3.8	3.8				
		Energy efficiency class	A	A				
Operating Current(max)			A	31.4	12.9			
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21	
	Operating Current(max)		A	2.63	2.63			
	Dimensions		H × W × D	mm	250-1600-732	250-1600-732		
	Weight			kg	42(41)	42(41)		
	Air Volume	Lo-Mid-Hi		m ³ /min.	29.5-35.5-40.0	29.5-35.5-40.0		
	External Static Pressure			Pa	(40)-50-(70)-(100)-(150)	(40)-50-(70)-(100)-(150)		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	34-38-41	34-38-41		
	Sound Level (PWL)	Cooling			66	66		
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)		
	Weight			kg	84	85		
	Air Volume	Cooling	Rated	m ³ /min.	86	86		
		Heating	Rated	m ³ /min.	92	92		
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55		
			Silent	dB(A)	47	47		
	Sound Level (SPL)	Heating	Rated	dB(A)	57	57		
	Sound Level (PWL)	Cooling		dB(A)	73	73		
	Operating Current(max)			A	30	11.5		
Breaker Size			A	40	16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max. Length	Out-In	m	65	65			
	Max. Height	Out-In	m	30	30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
	Heating	Lower Limit.	°C	-15	-15			
		Upper Limit.	°C	+21	+21			

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEA-M200LA		PEA-M250LA		
Refrigerant		Outdoor Unit		PUZ-M200YKA2		PUZ-M250YKA2		
Power Supply				R32				
				Outdoor power supply				
Cooling	Capacity	Rated	kW	19.0	22.0			
		Min.	kW	9.2	9.9			
		Max.	kW	22.4	27.0			
	SHF	Rated		0.80	0.79			
	Total Input	Rated	kW	6.089	7.333			
	EER			3.12	3.00			
Annual Electricity Consumption			kWh/a	1231	1446			
SEER				5.4	5.3			
		Energy efficiency class		A	A			
Heating	Capacity	Rated	kW	22.4	27.0			
		Min.	kW	6.8	7.3			
		Max.	kW	25	31			
	Total Input	Rated	kW	6.588	8.181			
	COP			3.40	3.30			
	Annual Electricity Consumption			kWh/a	—	—		
	SCOP				—	—		
		Energy efficiency class		—	—			
Operating Current(max)			A	25.7	25.9			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.35 / 0.35	0.53 / 0.53		
	Operating Current(max)			A	3.1	3.4		
	Dimensions			H × W × D	mm	470 - 1370 - 1120	470 - 1370 - 1120	
	Weight				kg	87	87	
	Air Volume	Lo-Mid-Hi		m³/min.	42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa)		
	External Static Pressure			Pa	(60)-75-(100)-(150)-(200)	(60)-75-(100)-(150)-(200)		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	35-40-43	38-43-47		
	Sound Level (PWL)	Cooling			63-64-64	67-67-68		
Outdoor Unit	Dimensions			H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight				kg	129	138	
	Air Volume	Cooling	Rated	m³/min.	140	140		
		Heating	Rated	m³/min.	140	140		
	Sound Level (SPL)	Cooling	Rated	dB(A)	58	59		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	60	62		
	Sound Level (PWL)	Cooling		dB(A)	78	77		
	Operating Current(max)			A	22.5	22.5		
	Breaker Size			A	32	32		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	12.7			
		Gas	mm	25.4	25.4			
	Max.Length	Out-In		m	70	70		
	Max. Height	Out-In		m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	+21	+21		

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

3. Economy Inverter SERIES

Model Name		Indoor Unit		PEAD-SM35JA(L)	PEAD-SM50JA(L)	PEAD-SM60JA(L)	
		Outdoor Unit		SUZ-SM35VA	SUZ-SM50VA	SUZ-SM60VA	
Refrigerant				R32			
Power Supply			Source	Outdoor power supply			
Out	V	Rated		230	230	230	
		Phase		Single	Single	Single	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	
		Min.	kW	0.8	1.7	1.6	
		Max.	kW	3.9	5.6	6.3	
	SHF	Rated		0.85	0.84	0.83	
	Total Input	Rated		kW	1.114	1.547	1.888
	EER				3.23	3.23	3.23
	Annual Electricity Consumption			kWh/a	209	291	366
	SEER				6.0	6.0	5.8
		Energy efficiency class			A+	A+	A+
	Heating	Capacity	Rated	kW	4.1	6.0	7.0
Min.			kW	1.1	1.5	1.6	
Max.			kW	5.0	7.2	8.0	
Total Input		Rated		kW	1.105	1.617	1.886
COP					3.71	3.71	3.71
Annual Electricity Consumption				kWh/a	905	1468	1560
SCOP					4.0	4.1	4.1
		Energy efficiency class			A+	A+	A+
Operating Current(max)			A	9.7	14.9	16.7	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08
		Operating Current(max)		A	1.16	1.35	1.85
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)
	Air Volume	Lo-Mi2-Mi1-Hi		m³/min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0
	External Static Pressure			Pa	35-(50)-(70)-(100)-(150)	35-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)
	Sound Level (SPL)	Lo-Mi2-Mi1-Hi		dB(A)	24-29-32	27-33-35	26-32-35
	Sound Level (PWL)	Cooling			54	58	56
Outdoor Unit	Dimensions	H × W × D		mm	550-800-285	714-800-285	880-840-330
		Weight		kg	35	41	54
	Air Volume	Cooling	Rated	m³/min.	34.3	45.8	50.1
		Heating	Rated	m³/min.	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	Rated	dB(A)	48	48	49
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	48	49	51
	Sound Level (PWL)	Cooling		dB(A)	59	64	65
	Operating Current(max)			A	8.5	13.5	14.8
	Breaker Size			A	16	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	
		Gas	mm	9.52	12.7	15.88	
	Max. Length	Out-In		m	20	30	30
	Max. Height	Out-In		m	12	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-10	-10
			Upper Limit.	°C	+24	+24	+24

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

SPECIFICATIONS

Model Name		Indoor Unit		PEAD-SM71JA(L)	PEAD-SM100JA(L)	PEAD-SM100JA(L)	
		Outdoor Unit		SUZ-SM71VA	PUZ-SM100VKA	PUZ-SM100YKA	
Refrigerant				R32			
Power Supply			Source	Outdoor power supply			
Cooling	Out			V	230	230	400
				Phase	Single	Single	Three
				Hz	50	50	50
	In			V	—	—	—
				Phase	—	—	—
				Hz	—	—	—
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	
		Min.	kW	2.2	4.0	4.0	
		Max.	kW	8.1	10.6	10.6	
	SHF	Rated		0.83	0.83	0.83	
	Total Input	Rated	kW	2.08(2.08)	2.95	2.95	
	EER			3.41(3.41)	3.21	3.21	
	Annual Electricity Consumption		kWh/a	451(451)	626	626	
	SEER			5.5(5.5)	5.3	5.3	
			Energy efficiency class		A(A)	A	A
Heating	Capacity	Rated	kW	8.0	11.2	11.2	
		Min.	kW	10.2	12.5	12.5	
		Max.	kW	2.21(2.21)	3.02	3.02	
	Total Input	Rated	kW	2.0	2.8	2.8	
	COP			3.61(3.61)	3.70	3.70	
	Annual Electricity Consumption		kWh/a	2080	2865	2865	
	SCOP			3.9(3.9)	3.9	3.9	
			Energy efficiency class		A(A)	A	A
Operating Current(max)			A	16.8	22.7	14.2	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.170 (0.150) / 0.150	0.250 (0.230) / 0.230	0.250 (0.230) / 0.230
	Operating Current(max)			A	1.97	2.65	2.65
	Dimensions	H × W × D		mm	250-1100-732	250-1400-732	250-1400-732
	Weight			kg	30(29)	39(38)	39(38)
	Air Volume	Lo-Mid-Hi		m ³ /min.	17.5-21.0-25.0	24.0-29.0-34.0	24.0-29.0-34.0
	External Static Pressure			Pa	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	26-30-34	29-34-38	29-34-38
	Sound Level (PWL)	Cooling			58	62	62
Outdoor Unit	Dimensions	H × W × D		mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	55	76	78
	Air Volume	Cooling	Rated	m ³ /min.	50.1	79	79
		Heating	Rated	m ³ /min.	50.1	79	79
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	51	51
			Silent	dB(A)	—	49	49
		Heating	Rated	dB(A)	51	54	54
	Sound Level (PWL)	Cooling		dB(A)	66	70	70
	Operating Current(max)			A	14.8	20	11.5
	Breaker Size			A	20	32	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max. Length	Out-In	m	30	30	30	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
		Heating	Lower Limit.	°C	-10	-15	-15
			Upper Limit.	°C	+24	+21	+21

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(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-SM125JA(L)	PEAD-SM125JA(L)	PEAD-SM140JA(L)	PEAD-SM140JA(L)	
		Outdoor Unit		PUZ-SM125YKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA	
Refrigerant				R32				
Power Supply			Source	Outdoor power supply				
Out	V		kW	230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V			—	—	—	—
			Phase		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	12.1	12.1	13.4	13.4	
		Min.	kW	6.0	6.0	6.1	6.1	
		Max.	kW	13.0	14.1	13.0	14.1	
	SHF	Rated		0.83	0.83	0.83	0.83	
	Total Input	Rated	kW	4.17	4.17	4.96	4.96	
	EER			2.90	2.90	2.70	2.70	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
		Energy efficiency class		—	—	—	—	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	15.0	15.0	15.8	15.8	
Max.			kW	4.1	4.1	4.2	4.2	
Total Input		Rated	kW	3.85	3.85	4.28	4.28	
COP				3.50	3.50	3.50	3.50	
Annual Electricity Consumption			kWh/a	—	—	—	—	
SCOP				—	—	—	—	
		Energy efficiency class		—	—	—	—	
Operating Current(max)			A	29.3	14.3	32.8	14.3	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.360 (0.340) / 0.340	0.360 (0.340) / 0.340	0.390 (0.370) / 0.370
	Operating Current(max)			A	2.76	2.76	2.78	2.78
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1600-732	250-1600-732
	Weight			kg	40(39)	40(39)	44(43)	44(43)
	Air Volume	Lo-Mi2-Mi1-Hi		m ³ /min.	29.5-35.5-42.0	29.5-35.5-42.0	32.0-39.0-46.0	32.0-39.0-46.0
	External Static Pressure			Pa	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	33-36-40	33-36-40	34-38-43	34-38-43
	Sound Level (PWL)	Cooling			66	66	67	67
Outdoor Unit	Dimensions	H × W × D		mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	55	55
			Silent	dB(A)	52	52	54	54
	Sound Level (SPL)	Heating	Rated	dB(A)	56	56	57	57
	Sound Level (PWL)	Cooling		dB(A)	72	72	73	73
	Operating Current(max)			A	26.5	11.5	30	11.5
Breaker Size			A	32	16	40	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	40	40	40	40	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

A.6.1.2 R410A type
1. ZUBADAN SERIES

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	
		Outdoor Unit		PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)	
Refrigerant				R410A			
Power Supply			Source	Outdoor power supply			
Out	V	V		230	400	400	
		Phase		Single	Three	Three	
		Hz		50	50	50	
	In	V		—	—	—	
		Phase		—	—	—	
		Hz		—	—	—	
Cooling	Capacity	Rated	kW	10.0	10.0	12.1	
		Min.	kW	4.9	4.9	5.5	
		Max.	kW	11.4	11.4	14.0	
	SHF	Rated		0.83	0.83	0.83	
	Total Input	Rated	kW	2.904	2.904	4.172	
	EER			3.44	3.44	2.90	
	Annual Electricity Consumption	kWh/a		686	686	—	
	SEER			5.1	5.1	—	
			Energy efficiency class		A	A	—
	Heating	Capacity	Rated	kW	11.2	11.2	14.0
Min.			kW	4.5	4.5	5.0	
Max.			kW	14.0	14.0	16.0	
Total Input		Rated	kW	3.103	3.103	3.879	
COP				3.61	3.61	3.61	
Annual Electricity Consumption		kWh/a		4601	4601	—	
SCOP				3.8	3.8	—	
		Energy efficiency class		A	A	—	
Operating Current(max)			A	37.7	15.7	15.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20
		Operating Current(max)		A	2.25	2.25	2.34
	Dimensions		H × W × D	mm	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)
	Air Volume	Lo-Mid-Hi		m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-(50)-(70)-(100)-(150)		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	35-39-41
	Sound Level (PWL)	Cooling		dB(A)	62	62	66
Outdoor Unit	Dimensions		H × W × D	mm	1350-950-330(+30)	1350-950-330(+30)	1350-950-330(+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m ³ /min.	100	100	100
		Heating	Rated	m ³ /min.	100	100	100
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	—	—	—
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	69
	Operating Current(max)			A	35	13	13
	Breaker Size			A	40	16	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	
	Max.Length	Out-In	m	75	75	75	
	Max. Height	Out-In	m	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46
	Heating	Lower Limit.	°C	-25	-25	-25	
		Upper Limit.	°C	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .

(*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-
CONCEALED

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2. Power Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2	
		Outdoor Unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	230		230	230	230	230	
		Phase		Single	Single	Single	Single	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	
		Min.	kW	1.6	2.3	2.7	3.3	
		Max.	kW	4.5	5.6	6.7	8.1	
	SHF	Rated		0.85	0.84	0.83	0.80	
	Total Input	Rated	kW	0.870	1.420	1.630	1.990	
	EER			4.14	3.52	3.74	3.53 (3.57)	
	Annual Electricity Consumption		kWh/a	205	287	340	411	
	SEER			6.1	6.1	6.2	6.0	
		Energy efficiency class		A++	A++	A++	A+	
	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0
Min.			kW	1.6	2.5	2.8	3.5	
Max.			kW	5.2	7.3	8.2	10.2	
Total Input		Rated	kW	0.950	1.500	1.790	2.030	
COP				4.32	4.00	3.91	3.94	
Annual Electricity Consumption			kWh/a	831	1232	1487	1718	
SCOP				4.0	4.3	4.1	3.9	
		Energy efficiency class		A+	A+	A+	A	
Operating Current(max)			A	14.2	14.4	20.9	20.9	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09
	Operating Current(max)			A	1.16	1.35	1.85	1.9
	Dimensions	H × W × D		mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight			kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0
	External Static Pressure			Pa	35-(50)-(70)-(100)-(150)		40-(50)-(70)-(100)-(150)	
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37
	Sound Level (PWL)	Cooling			54	58	56	58
Outdoor Unit	Dimensions	H × W × D		mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)
	Weight			kg	43	46	70	70
	Air Volume	Cooling	Rated	m ³ /min.	45	45	55	55
		Heating	Rated	m ³ /min.	45	45	55	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling		dB(A)	65	65	67	67
	Operating Current(max)			A	13	13	19	19
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	9.52	9.52	
		Gas	mm	12.7	12.7	15.88	15.88	
	Max.Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-11	-11	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
		Outdoor Unit		PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V			230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V			—	—	—	—
			Phase		—	—	—	—
			Hz		—	—	—	—
Cooling	Capacity	Rated	kW	9.5	9.5	12.5	12.5	
		Min.	kW	4.9	4.9	5.5	5.5	
		Max.	kW	11.4	11.4	14.0	14.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.410	2.430	3.834	3.834	
	EER			3.94	3.94	3.26	3.26	
	Annual Electricity Consumption		kWh/a	542	553	799	809	
	SEER			6.1	6.0	5.4	5.4	
		Energy efficiency class		A++	A+	A	A	
	Heating	Capacity	Rated	kW	11.2	11.2	14.0	14.0
Min.			kW	4.5	4.5	5.0	5.0	
Max.			kW	14.0	14.0	16.0	16.0	
Total Input		Rated	kW	2.600	2.600	3.508	3.508	
COP				4.31	4.31	3.70 (3.99)	3.70 (3.99)	
Annual Electricity Consumption			kWh/a	2593	2594	3335	3335	
SCOP				4.2	4.2	3.9	3.9	
		Energy efficiency class		A+	A+	A	A	
Operating Current(max)			A	28.8	10.3	28.8	11.8	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20	0.20 / 0.20
		Operating Current(max)		A	2.25	2.25	2.34	2.34
	Dimensions	H × W × D		mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732
	Weight			kg	37(36)	37(36)	38(37)	38(37)
	Air Volume	Lo-Mid-Hi		m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0
	External Static Pressure			Pa	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	31-36-39	31-36-39	35-39-41	35-39-41
	Sound Level (PWL)	Cooling			62	62	66	66
Outdoor Unit	Dimensions	H × W × D		mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
		Weight		kg	116	123	116	125
	Air Volume	Cooling	Rated	m ³ /min.	110	110	120	120
		Heating	Rated	m ³ /min.	110	110	120	120
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49	50	50
			Silent	dB(A)	46	46	47	47
		Heating	Rated	dB(A)	51	51	52	52
	Sound Level (PWL)	Cooling		dB(A)	69	69	70	70
	Operating Current(max)			A	26.5	8	26.5	9.5
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter (*2)	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max.Length	Out-In		m	75	75	75	75
	Max. Height	Out-In		m	30	30	30	30
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-20	-20	-20	-20
			Upper Limit.	°C	+21	+21	+21	+21

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SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-M140JA(L)2	PEAD-M140JA(L)2	PEA-M200LA	PEA-M250LA	
Refrigerant		Outdoor Unit		PUHZ-ZRP140YKA3	PUHZ-ZRP140YKA3	PUHZ-ZRP200YKA3	PUHZ-ZRP250YKA3	
Power Supply				R410A				
Source				Outdoor power supply				
Cooling	Out	V		230	400	400	400	
		Phase		Single	Three	Three	Three	
		Hz		50	50	50	50	
	In	V		—	—	230	230	
		Phase		—	—	single	single	
		Hz		—	—	50	50	
Cooling	Capacity	Rated	kW	13.4	13.4	19.0	22.0	
		Min.	kW	6.2	6.2	9.0	11.2	
		Max.	kW	15.3	15.3	22.4	27.0	
	SHF	Rated		0.77	0.77	0.80	0.79	
	Total Input	Rated	kW	4.322	4.322	5.937	7.971	
	EER			3.10	3.10	3.20	2.76	
	Annual Electricity Consumption		kWh/a	868	878	—	—	
	SEER			5.4	5.3	—	—	
		Energy efficiency class		A	A	—	—	
	Heating	Capacity	Rated	kW	16.0	16.0	22.4	27.0
Min.			kW	5.7	5.7	9.5	12.5	
Max.			kW	18.0	18.0	25.0	31.0	
Total Input		Rated	kW	4.071	4.071	6.530	8.181	
COP				3.60	3.60	3.43	3.30	
Annual Electricity Consumption			kWh/a	3726	3727	—	—	
SCOP				3.9	3.9	—	—	
		Energy efficiency class		A	A	—	—	
Operating Current(max)			A	30.6	15.6	22.2	24.4	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21	0.35 / 0.35
	Operating Current(max)			A	2.63	2.63	3.1	3.4
	Dimensions	H × W × D	mm	250-1600-732	250-1600-732	470-1370-1120	470-1370-1120	
	Weight		kg	42(41)	42(41)	87	87	
	Air Volume	Lo-Mid-Hi	m ³ /min.	29.5-35.5-40.0	29.5-35.5-40.0	42-51-60 (60Pa-150Pa) 42-51-55 (200Pa)	50-61-72 (60Pa-100Pa) 45-55-65 (150Pa) 45-50-55 (200Pa)	
	External Static Pressure		Pa	(40)-50-(70)-(100)-(150)		(60)-75-(100)-(150)-(200)		
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	34-38-41	34-38-41	35-40-43	38-43-47	
	Sound Level (PWL)	Cooling		66	66	63-64-64	67-67-68	
Outdoor Unit	Dimensions	H × W × D	mm	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330 (+40)	1338-1050-330 (+40)	
	Weight		kg	118	131	135	135	
	Air Volume	Cooling	Rated	m ³ /min.	120	120	140.0	140.0
		Heating	Rated	m ³ /min.	120	120	140.0	140.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	59	59
			Silent	dB(A)	47	47	—	—
		Heating	Rated	dB(A)	52	52	62	62
	Sound Level (PWL)	Cooling		dB(A)	70	70	77	77
	Operating Current(max)		A	28	13	19.0	21.0	
	Breaker Size		A	40	16	32	32	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	12.7	
		Gas	mm	15.88	15.88	25.4	25.4	
	Max.Length	Out-In	m	75	75	100	100	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	46	46
			Upper Limit.	°C	+46	+46	-15	-15
		Heating	Lower Limit.	°C	-20	-20	21	21
			Upper Limit.	°C	+21	+21	-20	-20

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

3. Standard Inverter SERIES

Model Name		Indoor Unit		PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2		
		Outdoor Unit		SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6		
Refrigerant				R410A					
Power Supply			Source	Outdoor power supply					
Out	V	Rated		230	230	230	230		
		Phase		Single	Single	Single	Single		
		Hz		50	50	50	50		
	In	V		—	—	—	—		
		Phase		—	—	—	—		
		Hz		—	—	—	—		
Cooling	Capacity	Rated	kW	3.6	4.9	5.7	7.1		
		Min.	kW	1.4	2.3	2.3	2.8		
		Max.	kW	3.9	5.6	6.3	8.1		
	SHF	Rated		0.85	0.84	0.83	0.80		
	Total Input	Rated	kW	1.029	1.458	1.652	2.060		
	EER			3.50	3.36	3.45	3.45		
	Annual Electricity Consumption		kWh/a	210	284	326	395		
	SEER			6.0	6.0	6.1	6.2		
		Energy efficiency class		A+	A+	A++	A++		
	Heating	Capacity	Rated	kW	4.1	5.9	7.0	8.0	
Min.			kW	1.7	1.7	2.5	2.6		
Max.			kW	5.0	7.2	8.0	10.2		
Total Input		Rated	kW	1.111	1.620	1.928	2.040		
COP				3.69	3.64	3.63	3.80		
Annual Electricity Consumption			kWh/a	975	1455	1559	2132		
SCOP				4.0	4.2	4.0	3.9		
		Energy efficiency class		A+	A+	A+	A		
Operating Current(max)			A	9.4	13.4	15.9	18.0		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.05 / 0.05	0.07 / 0.07	0.08 / 0.08	0.09 / 0.09	
	Operating Current(max)			A	1.16	1.35	1.85	1.9	
	Dimensions			H × W × D	mm	250-900-732	250-900-732	250-1100-732	250-1100-732
	Weight				kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)
	Air Volume	Lo-Mid-Hi		m ³ /min.	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	14.5-18.0-23.0	
	External Static Pressure				Pa	35-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	24-29-32	27-33-35	26-32-35	26-32-37	
	Sound Level (PWL)	Cooling		dB(A)	54	58	56	58	
Outdoor Unit	Dimensions			H × W × D	mm	550-800-285	880-840-330	880-840-330	
	Weight				kg	35	54	50	53
	Air Volume	Cooling	Rated	m ³ /min.	36.3	44.6	40.9	50.1	
		Heating	Rated	m ³ /min.	34.8	44.6	49.2	48.2	
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55	
			Silent	dB(A)	—	—	—	—	
		Heating	Rated	dB(A)	50	52	55	55	
	Sound Level (PWL)	Cooling		dB(A)	62	65	65	69	
	Operating Current(max)				A	8.2	12	14	16.1
	Breaker Size				A	10	20	20	20
Ext. Piping	Diameter (*2)	Liquid	mm	6.35	6.35	6.35	9.52		
		Gas	mm	9.52	12.7	15.88	15.88		
	Max.Length	Out-In	m	20	30	30	30		
	Max. Height	Out-In	m	12	30	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10	-15	-15	-15	
			Upper Limit.	°C	+46	+46	+46	+46	
	Heating	Lower Limit.	°C	-10	-10	-10	-10		
		Upper Limit.	°C	+24	+24	+24	+24		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name		Indoor Unit		PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	
Refrigerant		Outdoor Unit		PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	
Power Supply				R410A				
				Outdoor power supply				
Cooling	Out	Source		V	230	400	230	400
		Phase		Single	Single	Three	Single	Three
		Hz		50	50	50	50	50
	In	V		—	—	—	—	—
		Phase		—	—	—	—	—
		Hz		—	—	—	—	—
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1	
		Min.	kW	3.7	3.7	5.6	5.6	
		Max.	kW	10.6	10.6	13.0	13.0	
	SHF	Rated		0.82	0.82	0.78	0.78	
	Total Input	Rated	kW	2.965	2.965	4.143	4.143	
	EER			3.17	3.17	2.92	2.92	
	Annual Electricity Consumption		kWh/a	596	596	878	878	
	SEER			5.5	5.5	4.8	4.8	
		Energy efficiency class		A	A	B	B	
	Heating	Capacity	Rated	kW	11.2	11.2	13.5	13.5
Min.			kW	2.8	2.8	4.8	4.8	
Max.			kW	12.5	12.5	15.0	15.0	
Total Input		Rated	kW	2.947	2.947	3.739	3.739	
COP				3.80	3.80	3.61	3.61	
Annual Electricity Consumption			kWh/a	2797	2797	3097	3097	
SCOP				4.0	4.0	3.8	3.8	
		Energy efficiency class		A+	A+	A	A	
Operating Current(max)			A	22.3	13.8	27.8	12.8	
Indoor Unit		Input	Cooling/Heating	Rated	kW	0.14 / 0.14	0.14 / 0.14	0.20 / 0.20
	Operating Current(max)		A	2.25	2.25	2.34	2.34	
	Dimensions	H × W × D	mm	250-1400-732	250-1400-732	250-1400-732	250-1400-732	
	Weight		kg	37(36)	37(36)	38(37)	38(37)	
	Air Volume	Lo-Mid-Hi	m ³ /min.	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0	
	External Static Pressure		Pa	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)	
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	31-36-39	31-36-39	35-39-41	35-39-41	
	Sound Level (PWL)	Cooling		62	62	66	66	
Outdoor Unit	Dimensions	H × W × D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	
	Weight		kg	37(36)	37(36)	38(37)	38(37)	
	Air Volume	Cooling	Rated	m ³ /min.	79	79	86	86
		Heating	Rated	m ³ /min.	79	79	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	54	54
			Silent	dB(A)	49	49	52	52
		Heating	Rated	dB(A)	54	54	56	56
	Sound Level (PWL)	Cooling		dB(A)	70	70	72	72
	Operating Current(max)		A	20	11.5	26.5	11.5	
	Breaker Size		A	32	16	32	16	
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	50	50	50	50	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
		Heating	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+21	+21	+21	+21

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

Model Name	Indoor Unit			PEAD-M140JA(L)2	PEAD-M140JA(L)2	
	Outdoor Unit			PUHZ-P140VKA	PUHZ-P140YKA	
Refrigerant	R410A					
Power Supply	Source			Outdoor power supply		
Out	V			230	400	
	Phase			Single	Three	
	Hz			50	50	
	In			—	—	
	Hz			—	—	
Cooling	Capacity	Rated	kW	13.6	13.6	
		Min.	kW	5.8	5.8	
		Max.	kW	14.1	14.1	
	SHF	Rated		0.77	0.77	
	Total Input	Rated	kW	5.551	5.551	
	EER			2.45	2.45	
	Annual Electricity Consumption			kWh/a	987	987
	SEER			4.8	4.8	
	Energy efficiency class			B	B	
	Heating	Capacity	Rated	kW	15.0	15.0
Min.			kW	4.9	4.9	
Max.			kW	15.8	15.8	
Total Input		Rated	kW	4.347	4.347	
COP			3.45	3.45		
Annual Electricity Consumption			kWh/a	3507	3507	
SCOP			3.7	3.7		
Energy efficiency class			A	A		
Operating Current(max)			A	31.4	12.9	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.21 / 0.21	0.21 / 0.21
		Operating Current(max)			A	2.63
	Dimensions H × W × D			mm	250-1600-732	250-1600-732
	Weight			kg	42(41)	42(41)
	Air Volume	Lo-Mid-Hi		m ³ /min.	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure			Pa	(40)-50-(70)-(100)-(150)	
	Sound Level (SPL)	Lo-Mid-Hi				
	Sound Level (PWL)	Cooling			66	66
Outdoor Unit	Dimensions H × W × D			mm	981-1050-330	981-1050-330
	Weight			kg	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86
		Heating	Rated	m ³ /min.	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	56	56
		Heating	Rated	dB(A)	54	54
	Sound Level (PWL)	Cooling		dB(A)	75	75
		Heating		dB(A)	57	57
	Operating Current(max)			A	30	11.5
	Breaker Size			A	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	
		Gas	mm	15.88	15.88	
	Max. Length	Out-In	m	50	50	
	Max. Height	Out-In	m	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15
			Upper Limit.	°C	+46	+46
	Heating	Lower Limit.	°C	-15	-15	
		Upper Limit.	°C	+21	+21	

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEA-M200LA		PEA-M250LA	
Refrigerant		Outdoor Unit		PUHZ-P200YKA3		PUHZ-P250YKA3	
Power Supply		Source					
Cooling	Out	V		400		400	
		Phase		Three		Three	
		Hz		50		50	
	In	V		230		230	
		Phase		single		single	
		Hz		50		50	
Cooling	Capacity	Rated	kW	19.0	22.0		
		Min.	kW	9.0	11.2		
		Max.	kW	22.4	27.0		
	SHF	Rated		0.80	0.79		
	Total Input	Rated	kW	6.188	8.058		
	EER			3.07	2.73		
	Annual Electricity Consumption		kWh/a	—	—		
	SEER			—	—		
		Energy efficiency class		—	—		
Heating	Capacity	Rated	kW	22.4	27.0		
		Min.	kW	9.5	12.5		
		Max.	kW	25.0	31.0		
	Total Input	Rated	kW	6.706	8.437		
	COP			3.34	3.20		
	Annual Electricity Consumption		kWh/a	—	—		
	SCOP			—	—		
		Energy efficiency class		—	—		
	Operating Current(max)		A	22.2	24.4		
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.35 / 0.35	0.53 / 0.53	
		Operating Current(max)		A	3.1	3.4	
	Dimensions	H × W × D	mm	470-1370-1120	470-1370-1120		
	Weight		kg	87	87		
	Air Volume	Lo-Mid-Hi	m ³ /min.	42-51-60 (60Pa-150Pa) 42-51-55 (200Pa)	50-61-72 (60Pa-100Pa) 45-55-65 (150Pa) 45-50-55 (200Pa)		
	External Static Pressure		Pa	(60)-75-(100)-(150)-(200)	(60)-75-(100)-(150)-(200)		
	Sound Level (SPL)	Lo-Mid-Hi	dB(A)	35-40-43	38-43-47		
	Sound Level (PWL)	Cooling		63-64-64	67-67-68		
Outdoor Unit	Dimensions	H × W × D	mm	1338-1050-330 (+40)	1338-1050-330 (+40)		
	Weight		kg	127	135		
	Air Volume	Cooling	Rated	m ³ /min.	140.0	140.0	
		Heating	Rated	m ³ /min.	140.0	140.0	
	Sound Level (SPL)	Cooling	Rated	dB(A)	58	59	
			Silent	dB(A)	—	—	
		Heating	Rated	dB(A)	60	62	
	Sound Level (PWL)	Cooling		dB(A)	78	77	
	Operating Current(max)		A	19.0	21.0		
	Breaker Size		A	32	32		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	12.7		
		Gas	mm	25.4	25.4		
	Max. Length	Out-In	m	70	70		
	Max. Height	Out-In	m	30	30		
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	
			Upper Limit.	°C	+46	+46	
		Heating	Lower Limit.	°C	-20	-20	
			Upper Limit.	°C	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

4. Economy Inverter SERIES

Model Name		Indoor Unit		PEAD-SM71JA(L)		PEAD-SM100JA(L)		PEAD-SM100JA(L)				
		Outdoor Unit		SUZ-SA71VA3		SUZ-SA100VA2		PUHZ-SP100YKA				
Refrigerant				R410A								
Power Supply			Source		Outdoor power supply							
Cooling	Out	V		230		230		400				
		Phase		Single		Single		Three				
		Hz		50		50		50				
	In	V		—		—		—				
		Phase		—		—		—				
		Hz		—		—		—				
Capacity	Rated	kW		7.1		9.4		9.4				
		Min.		kW		3.2		5.0		3.7		
		Max.		kW		8.1		9.9		10.6		
	SHF	Rated		0.83		0.90		0.82				
	Total Input	Rated		kW		2.35		3.12		3.08		
	EER				3.02		3.01		3.05			
	Annual Electricity Consumption		kWh/a		477		711		712			
	SEER				5.2		4.6		4.6			
			Energy efficiency class		(A)		(B)		B			
	Heating	Capacity	Rated		kW		8.0		11.2		11.2	
Min.			kW		3.5		5.1		2.8			
Max.			kW		8.9		11.5		12.5			
Total Input		Rated		kW		2.21		3.10		3.02		
COP				3.61		3.61		3.70				
Annual Electricity Consumption		kWh/a		2189		2927		2937				
SCOP				3.8		3.8		3.8				
		Energy efficiency class		(A)		(A)		A				
Operating Current(max)			A		18.1		18.8		14.2			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.170 (0.150) / 0.150		0.250 (0.230) / 0.230		0.25 (0.23) / 0.23			
	Operating Current(max)		A		1.97		2.65		2.65			
	Dimensions		H x W x D		mm		250-1100-732		250-1400-732		250-1400-732	
	Weight		kg		30 (29)		39 (38)		39(38)			
	Air Volume	Lo-Mid-Hi		m³/min.		17.5-21.0-25.0		24.0-29.0-34.0		24.0-29.0-34.0		
	External Static Pressure		Pa		35-50-70-100-150		35-50-70-100-125		35-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)		26-30-34		29-34-38		29-34-38		
	Sound Level (PWL)	Cooling		dB(A)		58		62		62		
Outdoor Unit	Dimensions	H x W x D		mm		880-840-330		880-840-330		981-1050-330(+40)		
	Weight		kg		52		56		78			
	Air Volume	Cooling	Rated	m³/min.	50.1		53.6		79			
		Heating	Rated	m³/min.	48.2		53.7		79			
	Sound Level (SPL)	Cooling	Rated	dB(A)	55		55		51			
			Silent	dB(A)	—		—		49			
	Sound Level (SPL)	Heating	Rated	dB(A)	55		55		54			
			Sound Level (PWL)	Cooling	dB(A)	69		69		70		
	Operating Current(max)		A		16.1		16.1		11.5			
	Breaker Size		A		20		20		16			
Ext. Piping	Diameter (*2)	Liquid	mm	9.52		9.52		9.52				
		Gas	mm	15.88		15.88		15.88				
	Max.Length	Out-In	m	30		30		30				
		Max. Height	Out-In	m	30		30		30			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-10		-10		-15			
			Upper Limit.	°C	+46		+46		+46			
		Heating	Lower Limit.	°C	-10		-10		-15			
			Upper Limit.	°C	+24		+24		+21			

CEILING-CONCEALED

SPECIFICATIONS

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Model Name		Indoor Unit		PEAD-SM125JA(L)	PEAD-SM125JA(L)	PEAD-SM140JA(L)	PEAD-SM140JA(L)	
		Outdoor Unit		PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA	
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Out	V	Rated		230	400	230	400	
		Phase		Single	Three	Single	Three	
		Hz		50	50	50	50	
	In	V		—	—	—	—	
		Phase		—	—	—	—	
		Hz		—	—	—	—	
Cooling	Capacity	Rated	kW	12.1	12.1	13.6	13.6	
		Min.	kW	5.6	5.6	5.8	5.8	
		Max.	kW	13.0	13.0	14.1	14.1	
	SHF	Rated		0.84	0.84	0.84	0.84	
	Total Input	Rated	kW	4.30	4.30	5.40	5.40	
	EER			2.81	2.81	2.51	2.51	
	Annual Electricity Consumption		kWh/a	—	—	—	—	
	SEER			—	—	—	—	
	Energy efficiency class			—	—	—	—	
	Heating	Capacity	Rated	kW	13.5	13.5	15.0	15.0
Min.			kW	4.8	4.8	4.9	4.9	
Max.			kW	15.0	15.0	15.8	15.8	
Total Input		Rated	kW	3.84	3.84	4.39	4.39	
COP			3.51	3.51	3.41	3.41		
Annual Electricity Consumption		kWh/a	—	—	—	—		
SCOP			—	—	—	—		
Energy efficiency class			—	—	—	—		
Operating Current(max)			A	29.3	14.3	32.8	14.3	
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.360 (0.340) / 0.340	0.360 (0.340) / 0.340	0.390 (0.370) / 0.370	0.390 (0.370) / 0.370
	Operating Current(max)			A	2.76	2.76	2.78	2.78
	Dimensions		H × W × D	mm	250-1400-732	250-1400-732	250-1600-732	250-1600-732
	Weight			kg	40(39)	40(39)	44(43)	44(43)
	Air Volume	Lo-Mid-Hi		m ³ /min.	29.5-35.5-42.0	29.5-35.5-42.0	32.0-39.0-46.0	32.0-39.0-46.0
	External Static Pressure			Pa	35-50-70-100-150			
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	33-36-40	33-36-40	34-38-43	34-38-43
Sound Level (PWL)	Cooling			66	66	67	67	
Outdoor Unit	Dimensions		H × W × D	mm	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
	Weight			kg	84	85	84	85
	Air Volume	Cooling	Rated	m ³ /min.	86	86	86	86
		Heating	Rated	m ³ /min.	92	92	92	92
	Sound Level (SPL)	Cooling	Rated	dB(A)	54	54	56	56
		Heating	Rated	dB(A)	52	52	54	54
	Sound Level (PWL)	Cooling		dB(A)	72	72	75	75
		Heating		dB(A)	56	56	57	57
	Operating Current(max)			A	26.5	11.5	30	11.5
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52	9.52	9.52	
		Gas	mm	15.88	15.88	15.88	15.88	
	Max. Length	Out-In	m	40	40	40	40	
	Max. Height	Out-In	m	30	30	30	30	
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15	-15	-15
			Upper Limit.	°C	+46	+46	+46	+46
	Heating	Lower Limit.	°C	-15	-15	-15	-15	
		Upper Limit.	°C	+21	+21	+21	+21	

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

CEILING-CONCEALED SPECIFICATIONS

5. Mr.Slim+

Model Name		Indoor Unit		PEAD-M71JA2		PEAD-M71JAL2		
		Outdoor Unit		PUHZ-FRP71VHA2		PUHZ-FRP71VHA2		
Refrigerant				R410A				
Power Supply			Source	Outdoor power supply				
Cooling	Out			V	230	230		
				Phase	Single	Single		
				Hz	50	50		
	In			V	—	—		
				Phase	—	—		
				Hz	—	—		
Cooling	Capacity	Rated	kW	7.1	7.1			
		Min.	kW	3.3	3.3			
		Max.	kW	8.1	8.1			
	SHF	Rated		0.80	0.80			
	Total Input	Rated	kW	2.151	2.088			
	EER			3.30	3.40			
	Annual Electricity Consumption		kWh/a	446	423			
	SEER			5.5	5.8			
		Energy efficiency class			A	A+		
	Heating	Capacity	Rated	kW	8.0	8.0		
Min.			kW	3.5	3.5			
Max.			kW	10.2	10.2			
Total Input		Rated	kW	2.139	2.139			
COP				3.74	3.74			
Annual Electricity Consumption			kWh/a	1741	1741			
SCOP				3.9	3.9			
		Energy efficiency class			A	A		
Operating Current(max)			A	20.9	20.9			
Indoor Unit	Input	Cooling/Heating	Rated	kW	0.09 / 0.09	0.09 / 0.09		
				Operating Current(max)	A	1.9	1.9	
	Dimensions	H × W × D		mm	250-1100-732	250-1100-732		
	Weight			kg	29.5	29.0		
	Air Volume	Lo-Mid-Hi		m ³ /min.	14.5-18.0-23.0	14.5-18.0-23.0		
	External Static Pressure			Pa	40-(50)-(70)-(100)-(150)	40-(50)-(70)-(100)-(150)		
	Sound Level (SPL)	Lo-Mid-Hi		dB(A)	26-32-37	26-32-37		
	Sound Level (PWL)	Cooling			58	58		
Outdoor Unit	Dimensions	H × W × D		mm	943-950-330	943-950-330		
	Weight			kg	73	73		
	Air Volume	Cooling	Rated	m ³ /min.	50	50		
		Heating	Rated	m ³ /min.	50	50		
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47		
			Silent	dB(A)	—	—		
		Heating	Rated	dB(A)	49	49		
	Sound Level (PWL)	Cooling		dB(A)	67	67		
	Operating Current(max)			A	19.0	19.0		
	Breaker Size			A	25	25		
Ext. Piping	Diameter (*2)	Liquid	mm	9.52	9.52			
		Gas	mm	15.88	15.88			
	Max.Length	Out-In	m	60	60			
	Max. Height	Out-In	m	20	20			
Guranteed Operation Range	Out	Cooling (*1)	Lower Limit.	°C	-15	-15		
			Upper Limit.	°C	+46	+46		
		Heating	Lower Limit.	°C	-20	-20		
			Upper Limit.	°C	+21	+21		

(*1)Optional air protection guide is required where ambient temperature is lower than -5°C .
 (*2)Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

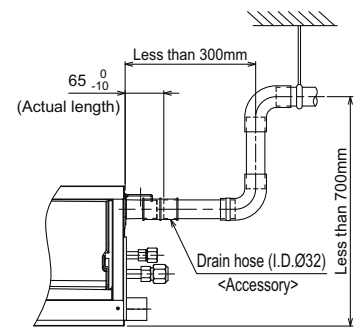
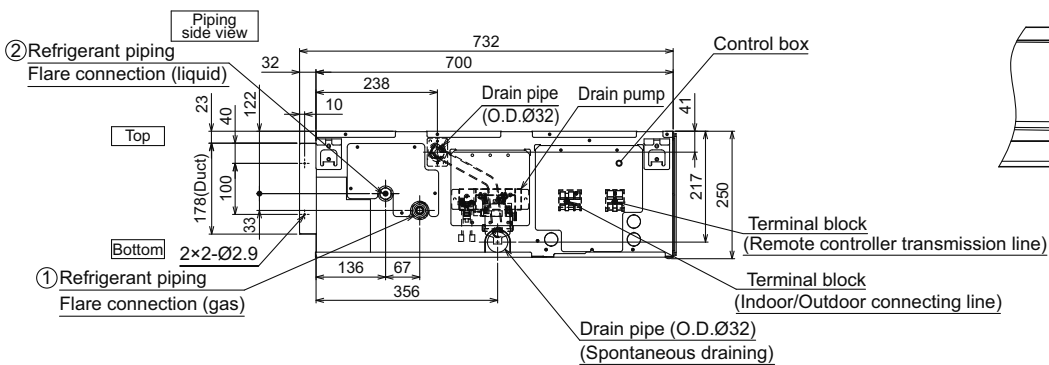
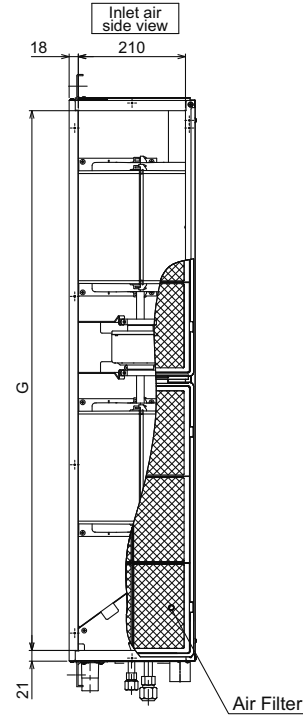
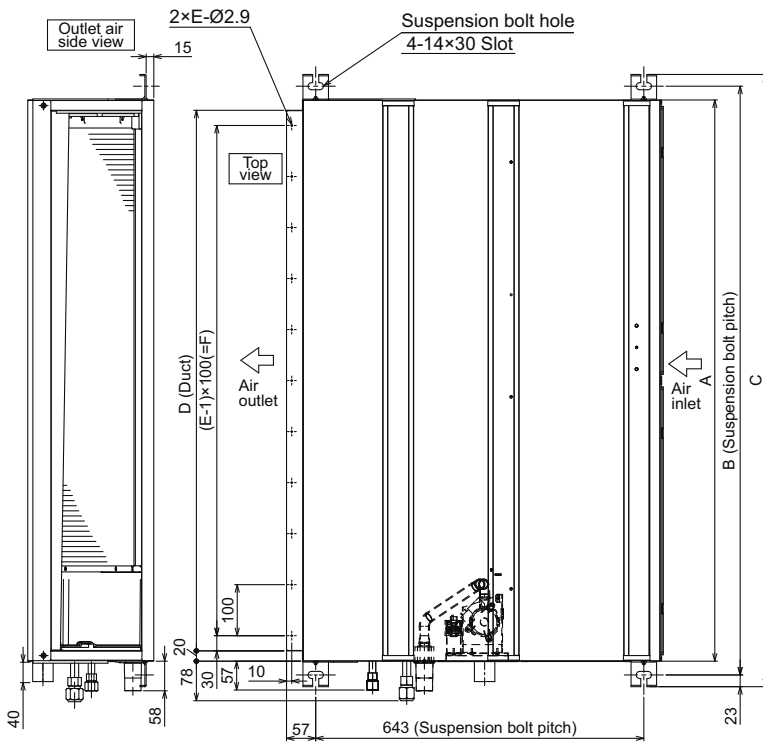
CEILING-CONCEALED SPECIFICATIONS

A.6.2 OUTLINES AND DIMENSIONS

Unit : mm

- PEAD-M35JA2
- PEAD-M50JA2
- PEAD-M60JA2
- PEAD-M71JA2
- PEAD-M100JA2
- PEAD-M125JA2
- PEAD-M140JA2

CEILING-CONCEALED OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-M35, 50JA2	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-M60, 71JA2	1100	1154	1200	1060	11	1000	1058		
PEAD-M100, 125JA2	1400	1454	1500	1360	14	1300	1358	Ø15.88	Ø9.52
PEAD-M140JA2	1600	1654	1700	1560	16	1500	1558		

- Note1. Use M10 screw for the Suspension bolt (field supply).
- 2. Keep the service space for the maintenance at the bottom.
- 3. This chart indicates for PEAD-M60, 71JA2 models, which have 2 fans.
PEAD-M35, 50JA2 models have 2 fans.
PEAD-M100, 125, 140JA2 models have 3 fans.
- 4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

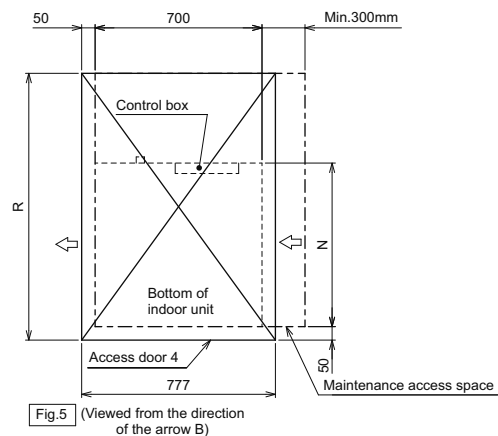
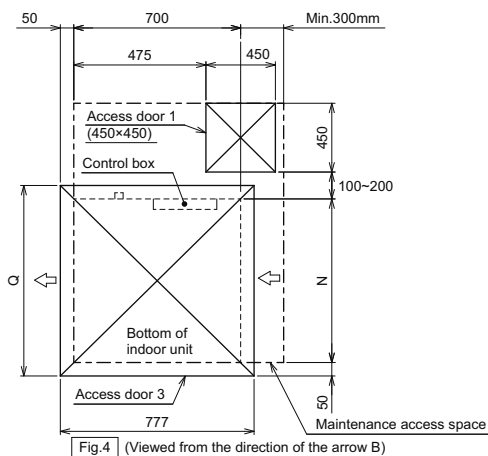
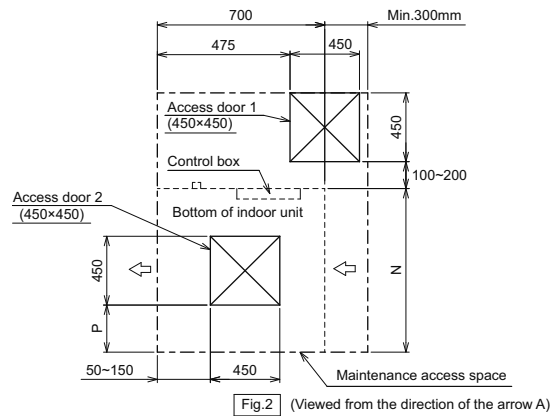
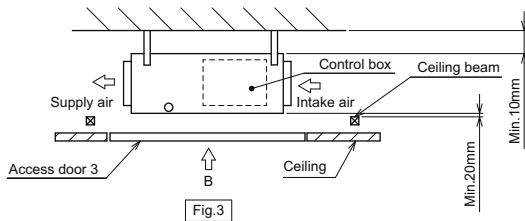
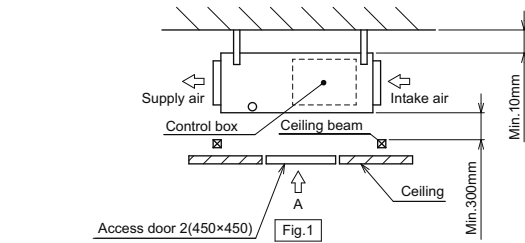
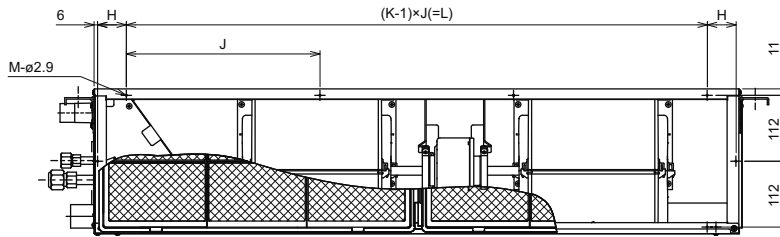
- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
- (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.

(At least 20mm of space should be left below the unit as shown in Fig.3.)

- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
- or
- Create access door 4 below the control box and the unit as shown in Fig.5.

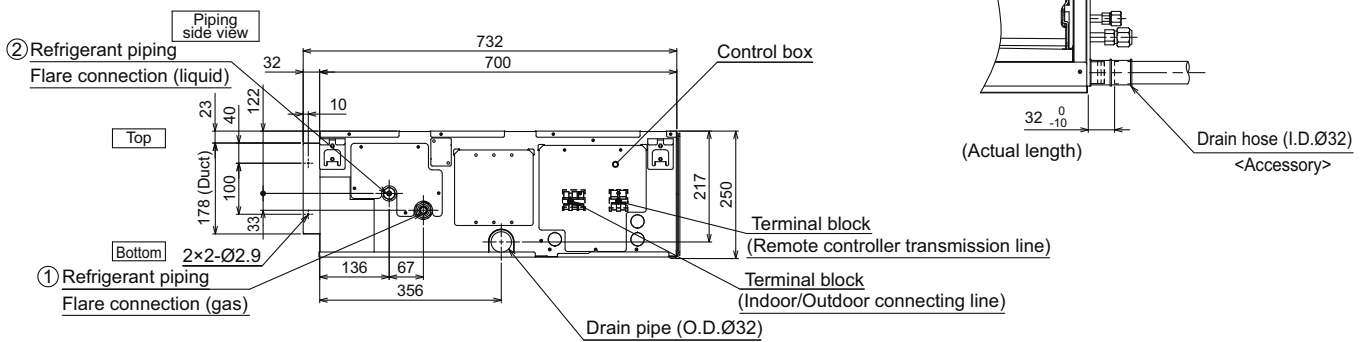
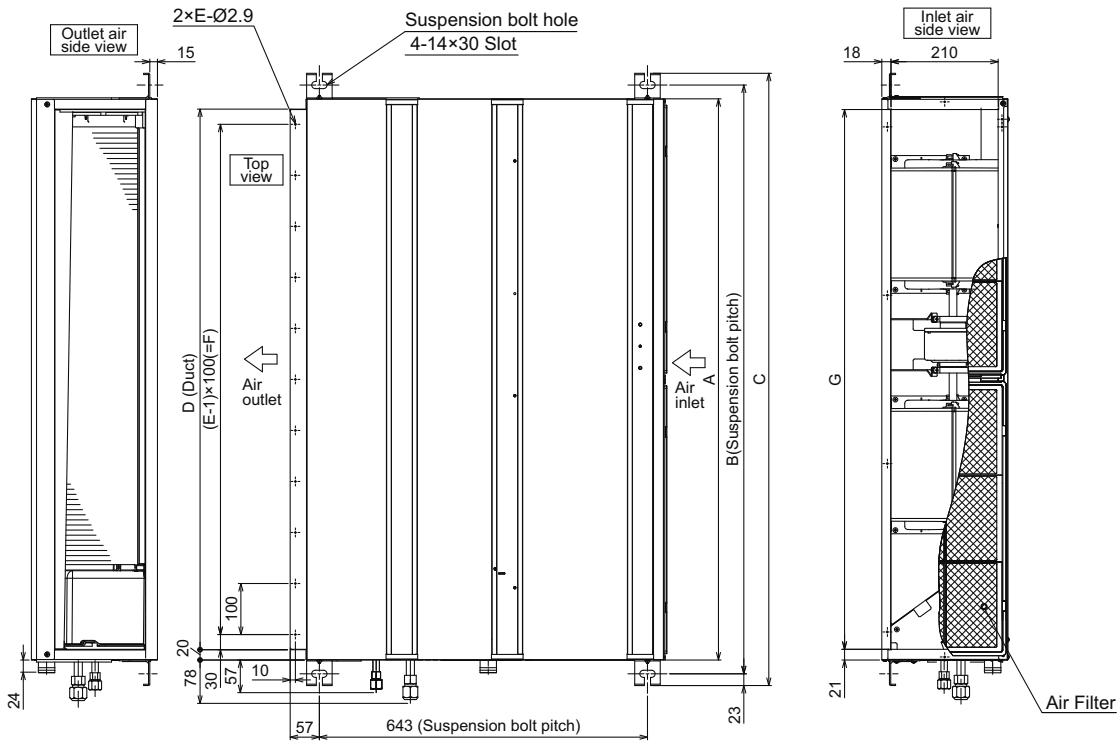
Unit : mm



Model	H	J	K	L	M	N	P	Q	R
PEAD-M35, 50JA2	54	260	4	780	10	900	150~250	1000	1500
PEAD-M60, 71JA2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-M100, 125JA2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-M140JA2	54	370	5	1480	12	1600	500~600	1700	2200

- PEAD-M35JAL2
- PEAD-M50JAL2
- PEAD-M60JAL2
- PEAD-M71JAL2
- PEAD-M100JAL2
- PEAD-M125JAL2
- PEAD-M140JAL2

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-M35, 50JAL2	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-M60, 71JAL2	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52
PEAD-M100, 125JAL2	1400	1454	1500	1360	14	1300	1358		
PEAD-M140JAL2	1600	1654	1700	1560	16	1500	1558		

- Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-M60, 71JAL2 models, which have 2 fans.
PEAD-M35, 50JAL2 models have 2 fans.
PEAD-M100, 125, 140JAL2 models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

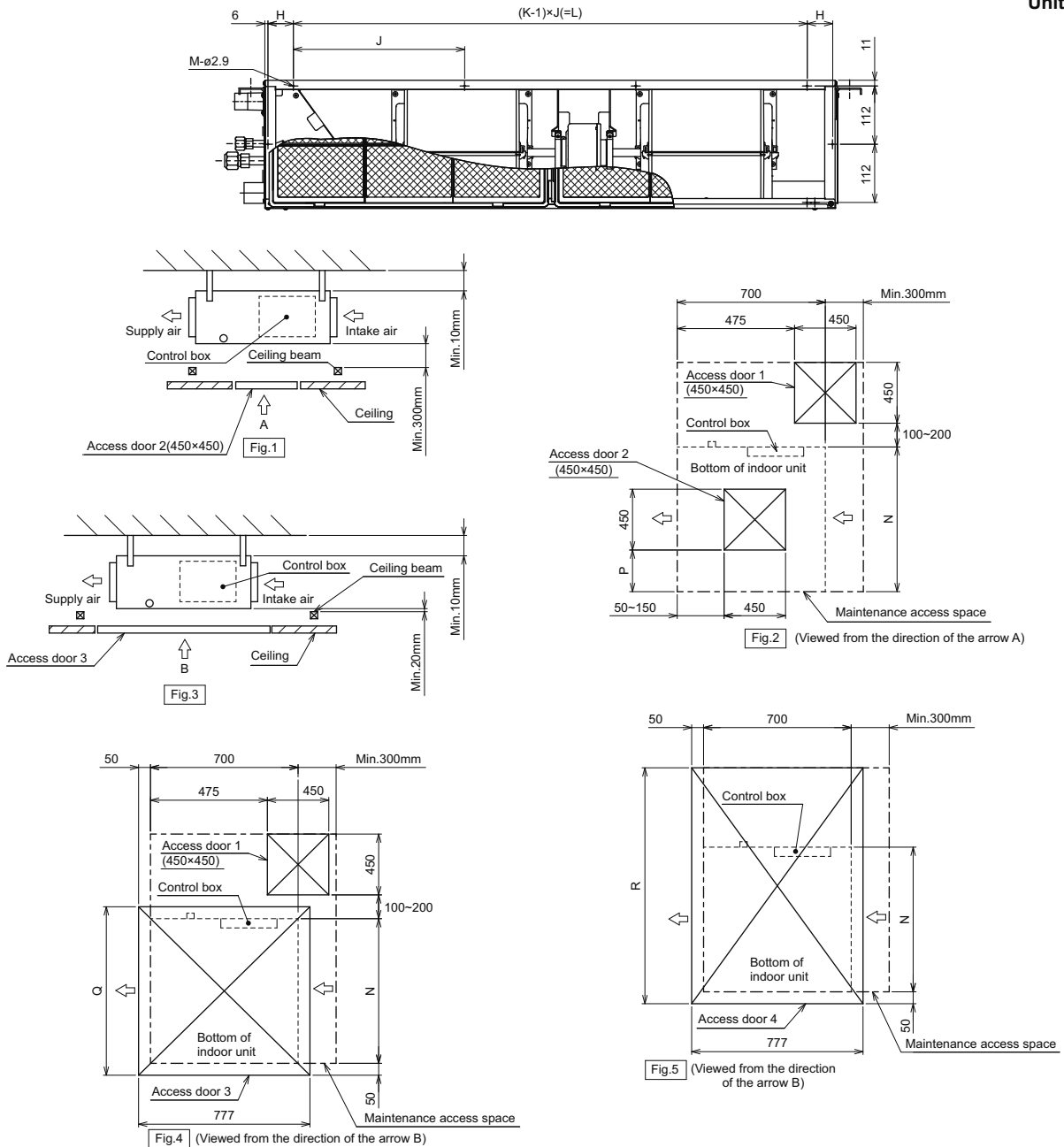
[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
 - Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
 - (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
 - (At least 20mm of space should be left below the unit as shown in Fig.3.)
 - Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
 - or
 - Create access door 4 below the control box and the unit as shown in Fig.5.

Unit : mm



CEILING-
CONCEALED

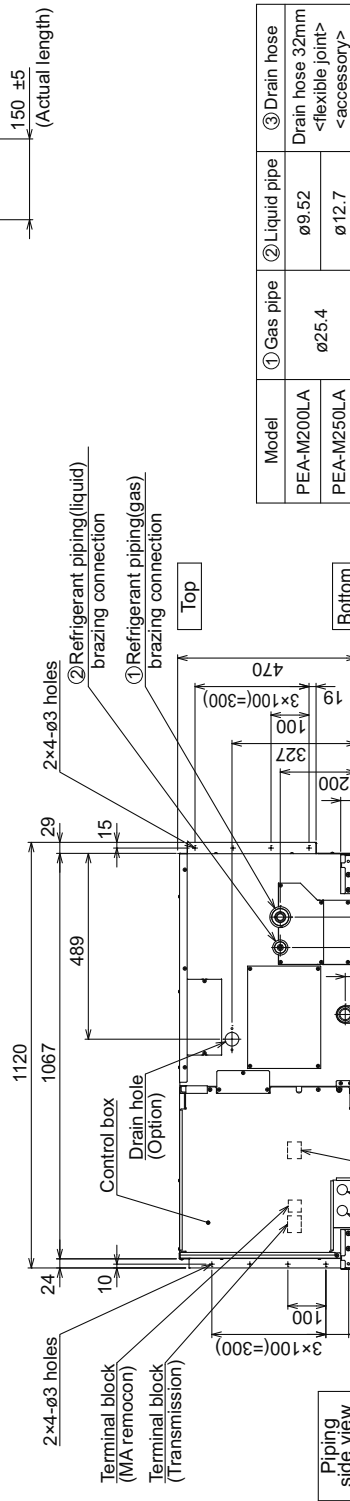
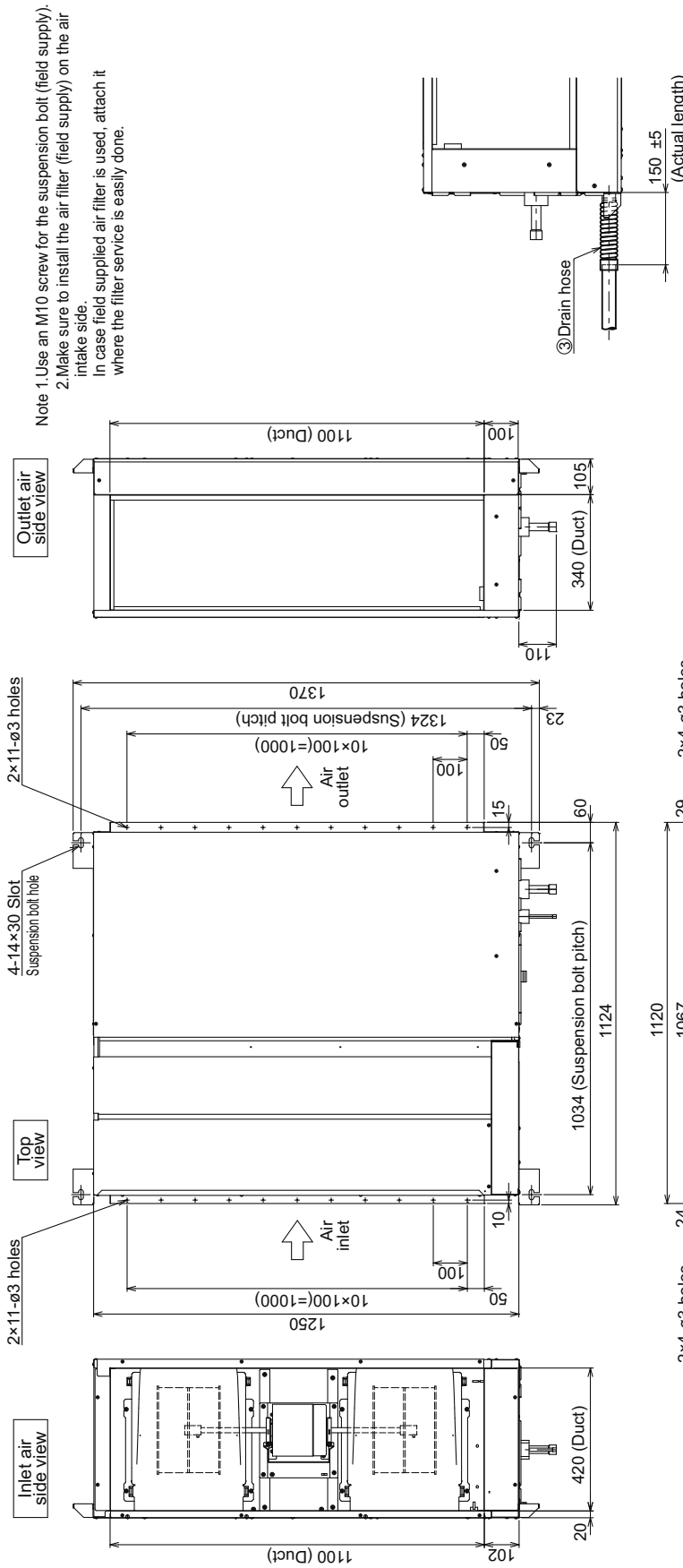
OUTLINES AND DIMENSIONS

Model	H	J	K	L	M	N	P	Q	R
PEAD-M35, 50JAL2	54	260	4	780	10	900	150~250	1000	1500
PEAD-M60, 71JAL2	49	330	4	990	10	1100	250~350	1200	1700
PEAD-M100, 125JAL2	54	320	5	1280	12	1400	400~500	1500	2000
PEAD-M140JAL2	54	370	5	1480	12	1600	500~600	1700	2200

PEA-M200LA
PEA-M250LA

CEILING-
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OUTLINES AND DIMENSIONS



Model	① Gas pipe	② Liquid pipe	③ Drain hose
PEA-M200LA	ø25.4	ø9.52	Drain hose 32mm
PEA-M250LA		ø12.7	<flexible joint> <accessory>

Unit: mm

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, drain pan and control box in one of the following ways.
Select an installation site for the indoor unit so that it's maintenance access space will not be obstructed by beam or other objects.

Create access door 1(450x450mm) for the maintenance from the unit side when the thermostat and control box is exchanged.(Fig.2, 4)

- (1) When a space of 500mm or more is available below the unit between the unit and the ceiling.
Create access door 2(600x600mm) for the maintenance from the bottom when the motor, fan, heat exchanger, drain pump(option) and drain pan is cleaned(exchanged).(Fig.1)
- (2) When a space of less than 500mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
Create access door 3 for the maintenance from the bottom when the motor, fan, heat exchanger, drain pump(option) and drain pan is cleaned(exchanged).(Fig.4)

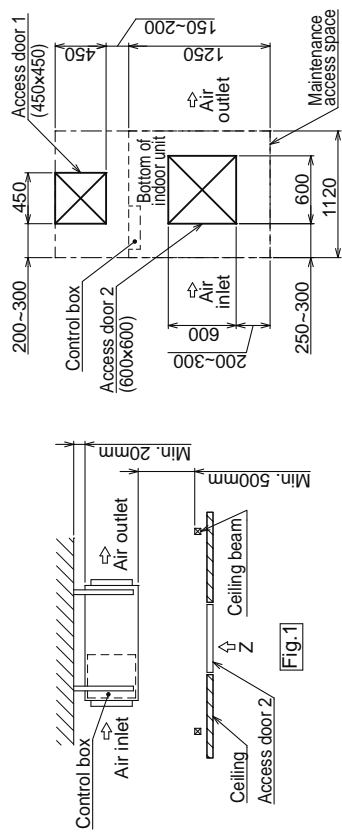


Fig.1

Fig.2 (Viewed from the direction of the arrow Z)

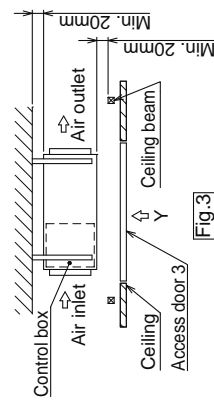


Fig.3

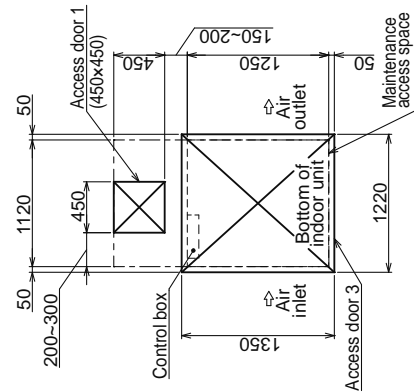
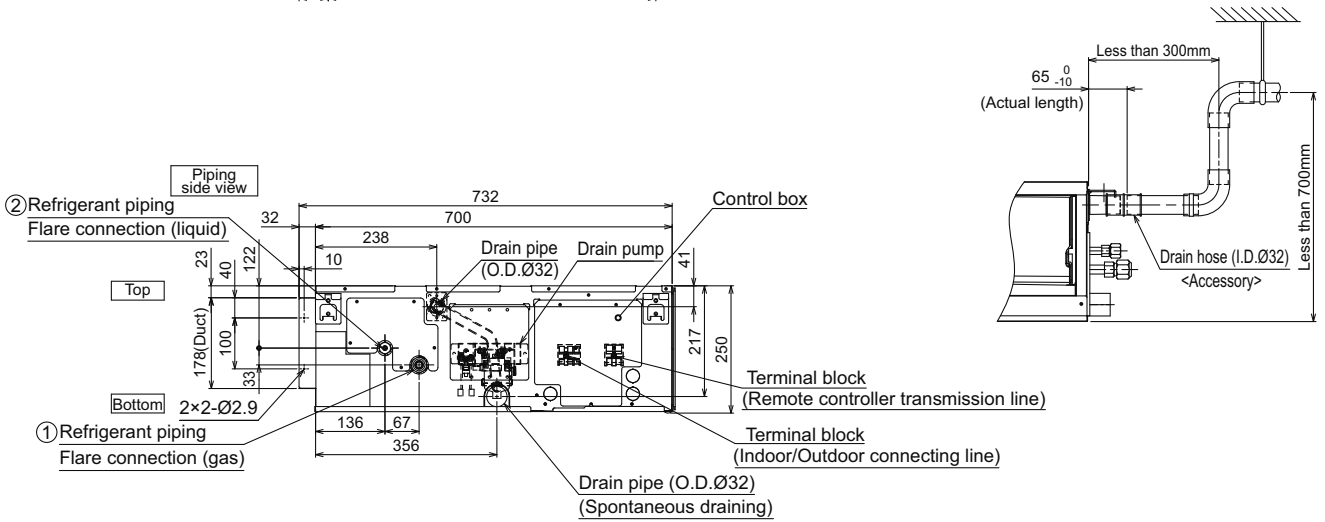
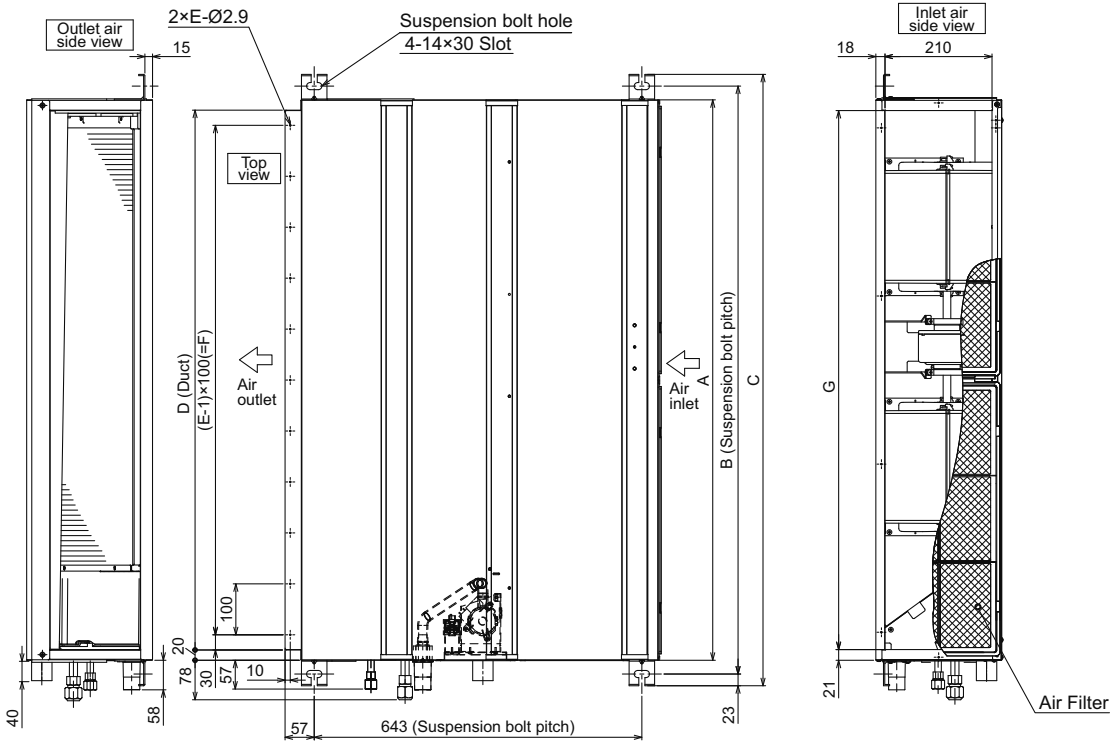


Fig.4 (Viewed from the direction of the arrow Y)

PEAD-SM35JA
PEAD-SM50JA
PEAD-SM60JA

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-SM35, 50JA	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-SM60JA	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52

- Note1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-SM60JA, models, which have 2 fans. PEAD-SM35, 50JA models have 2 fans.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access door space will not be obstructed by beams or other objects.

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.

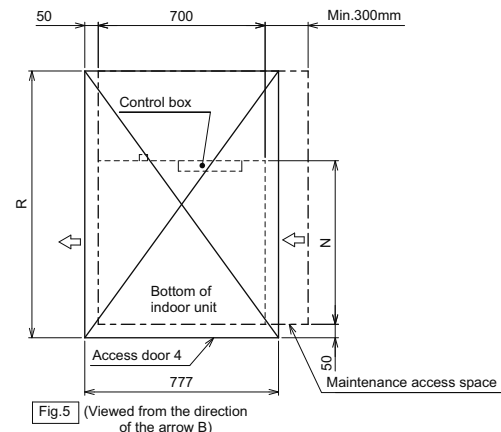
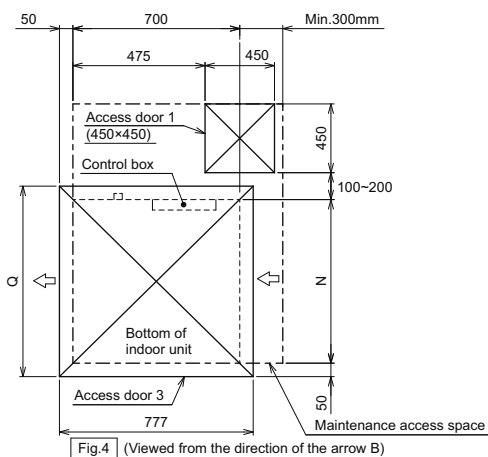
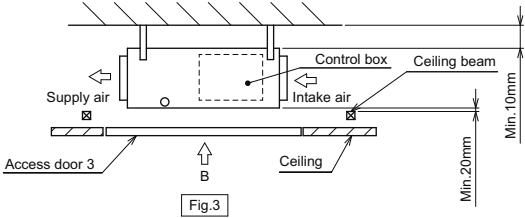
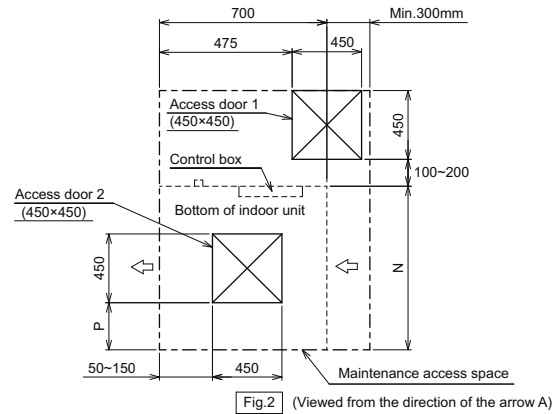
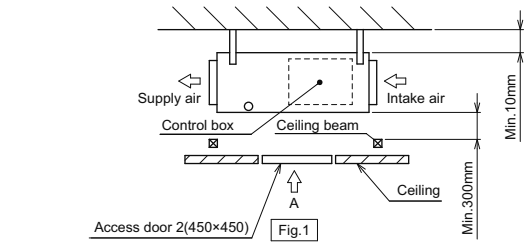
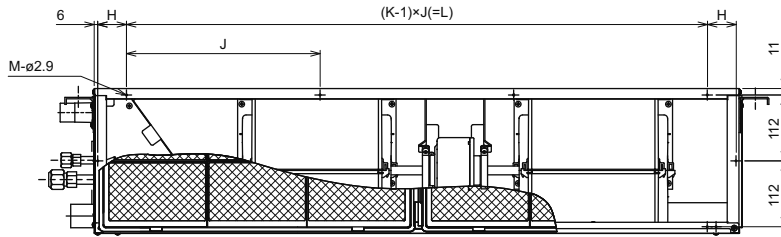
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.

(At least 20mm of space should be left below the unit as shown in Fig.3.)

- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
- or
- Create access door 4 below the control box and the unit as shown in Fig.5.

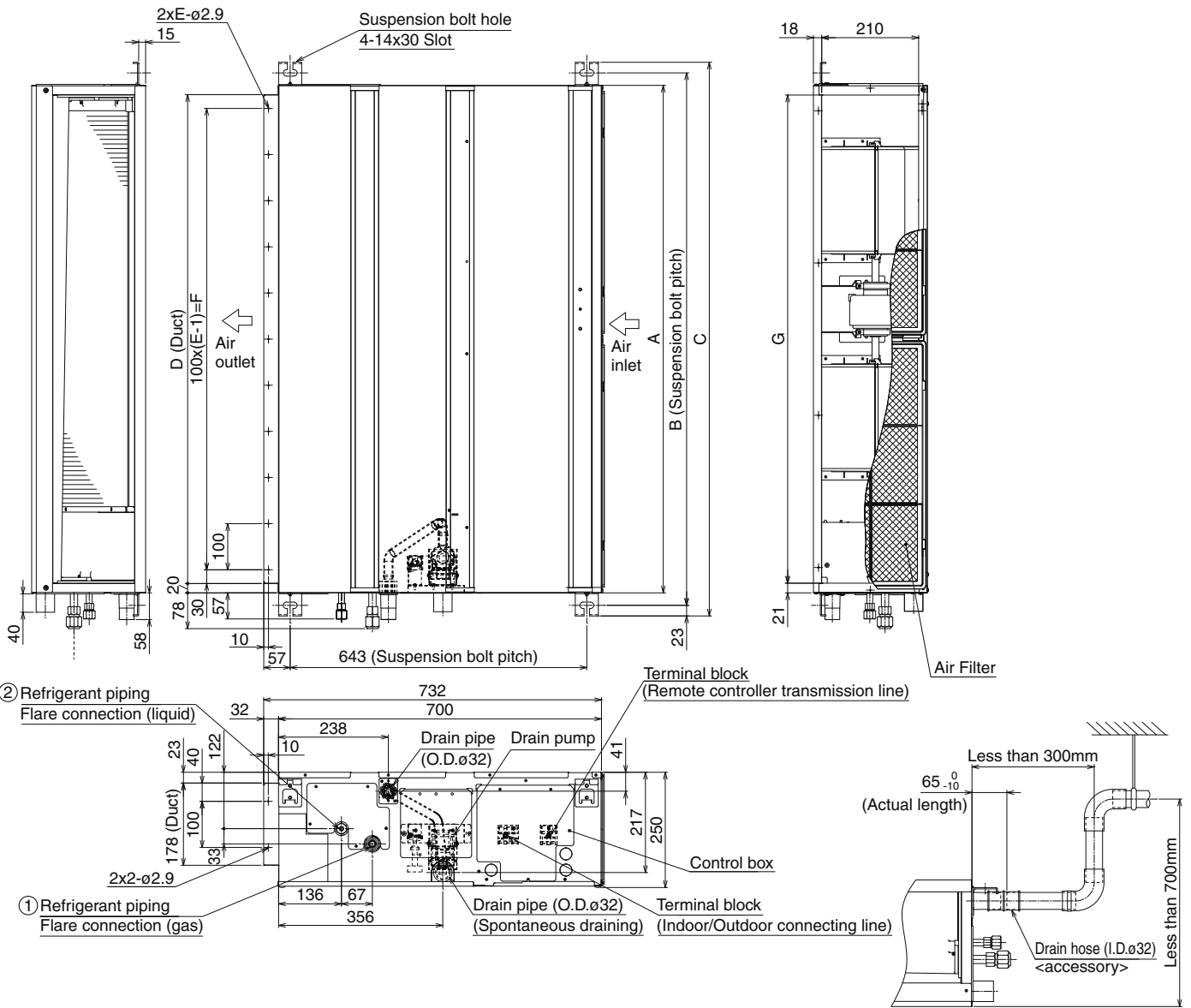
Unit : mm



Model	H	J	K	L	M	N	P	Q	R
PEAD-SM35, 50JA	54	260	4	780	10	900	150~250	1000	1500
PEAD-SM60JA	49	330	4	990	10	1100	250~350	1200	1700

PEAD-SM71JA
PEAD-SM100JA
PEAD-SM125JA
PEAD-SM140JA

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



*Setting at shipment

Model	A	B	C	D	E	F	G	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEAD-SM71JA	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10	ø15.88	ø9.52
PEAD-SM100,125JA	1400	1454	1500	1360	14	1300	1358	54	320	5	1280	12		
PEAD-SM140JA	1600	1654	1700	1560	16	1500	1558	54	370	5	1480	12		

- NOTE 1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300 mm or more is available below the unit between the unit and the ceiling (Fig. 1)

- Create access door 1 and 2 (450 x 450 mm each) as shown in Fig. 2.

(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300 mm is available below the unit between the unit and the ceiling (At least 20 mm of space should be left below the unit as shown in Fig. 3.)

- Create access door 1 diagonally below the electric box and access door 3 below the unit as shown in Fig. 4.

or

- Create access door 4 below the electric box and the unit as shown in Fig. 5.

Unit: mm

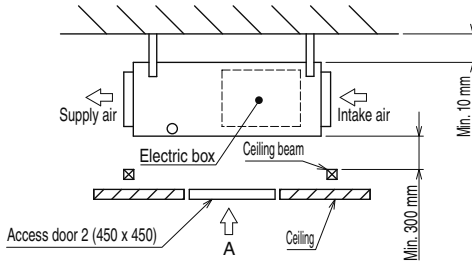
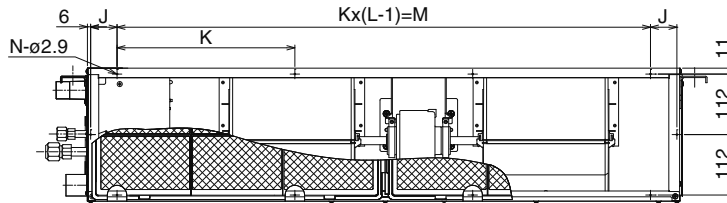


Fig. 1

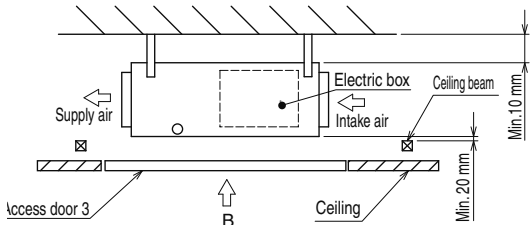


Fig. 3

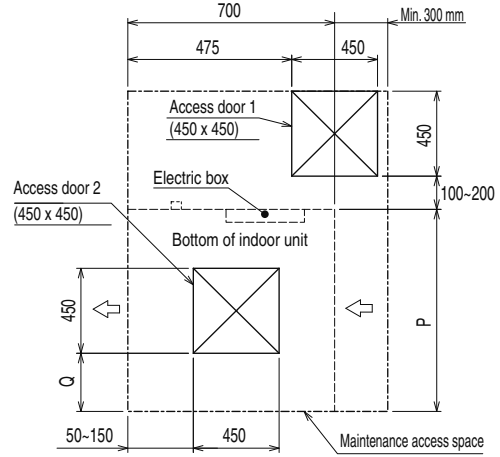


Fig. 2 (Viewed from the direction of the arrow A)

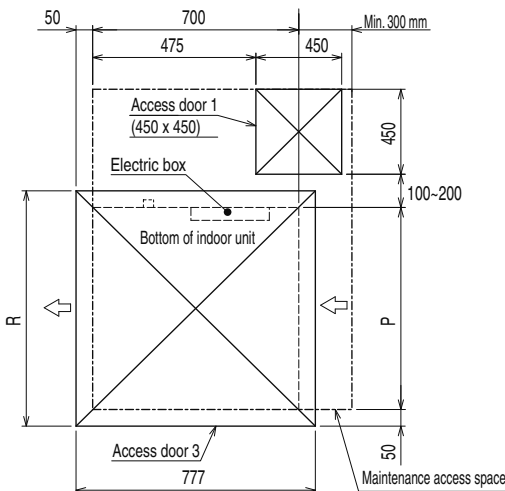


Fig. 4 (Viewed from the direction of the arrow B)

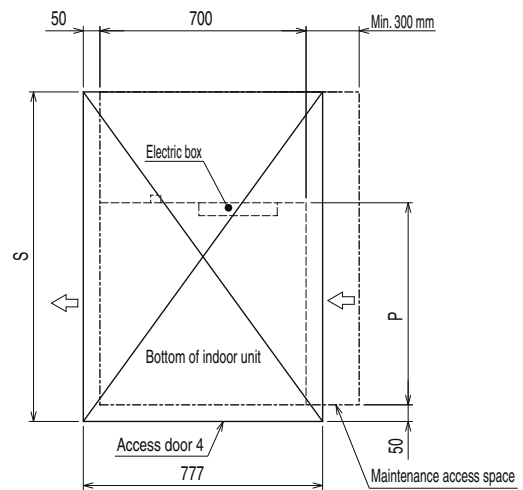
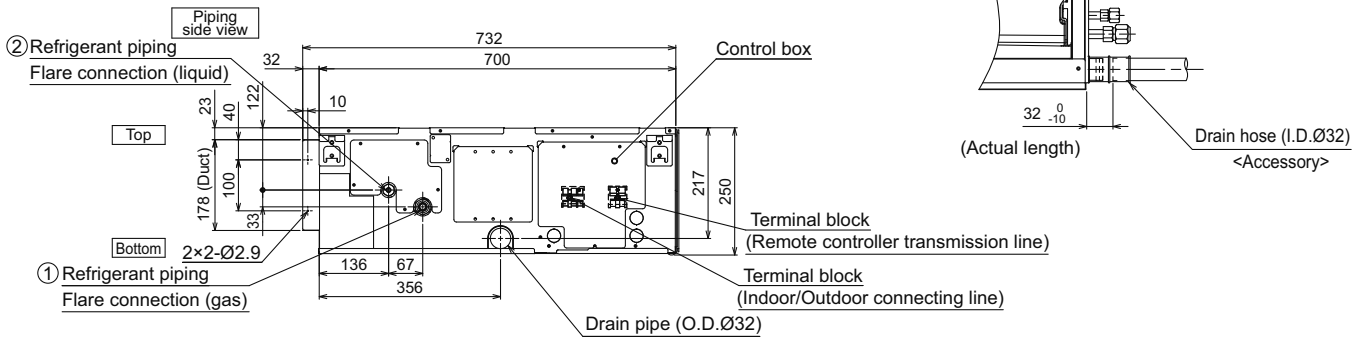
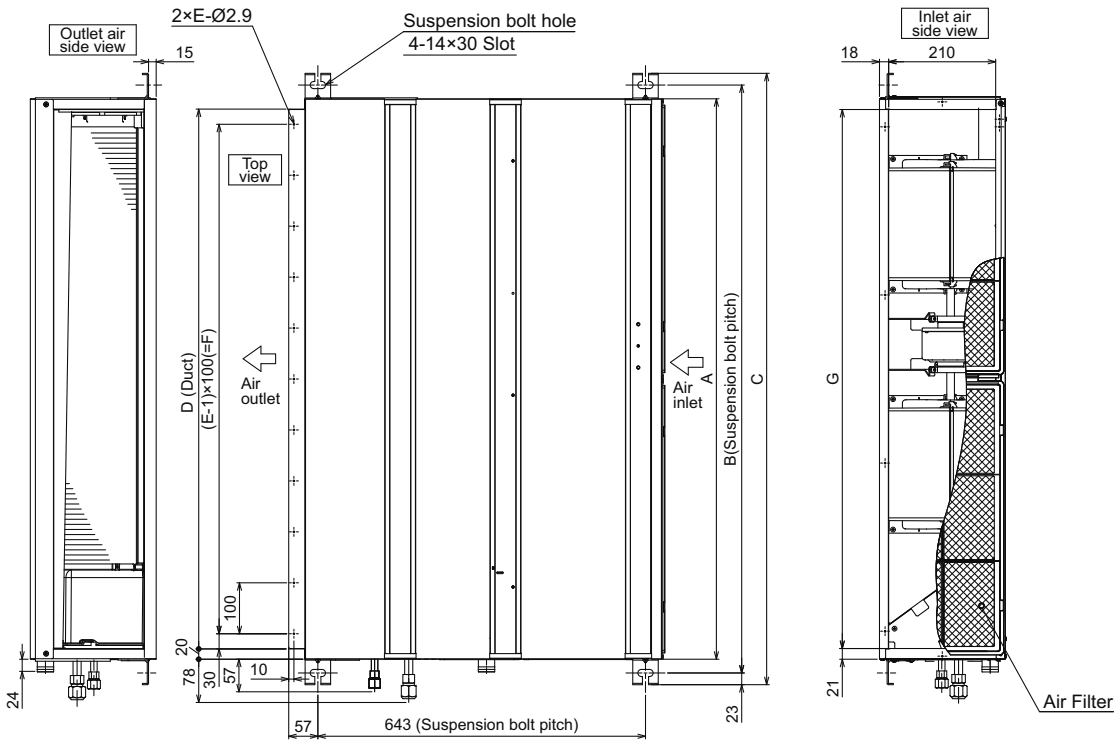


Fig. 5 (Viewed from the direction of the arrow B)

Model	P	Q	R	S
PEAD-SM71JA(L)	1100	250~350	1200	1700
PEAD-SM100, 125JA(L)	1400	400~500	1500	2000
PEAD-SM140JA(L)	1600	500~600	1700	2200

PEAD-SM35JAL
PEAD-SM50JAL
PEAD-SM60JAL

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEAD-SM35, 50JAL	900	954	1000	860	9	800	858	Ø12.7	Ø6.35
PEAD-SM60JAL	1100	1154	1200	1060	11	1000	1058	Ø15.88	Ø9.52

- Note1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for PEAD-SM60JAL model, which have 2 fans. PEAD-SM35, 50JAL models have 2 fans.
 4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

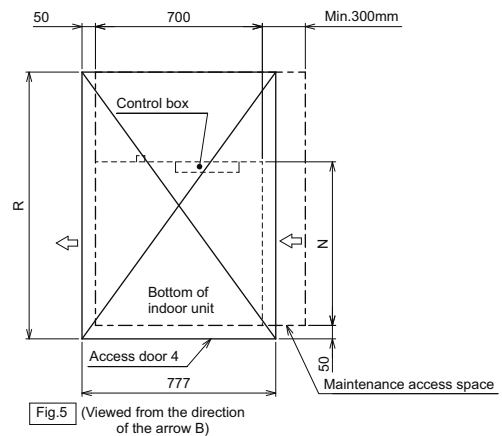
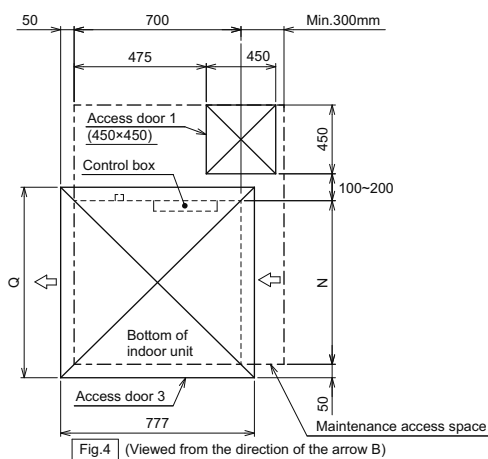
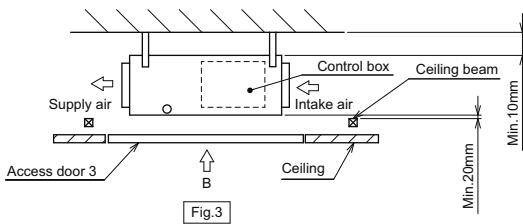
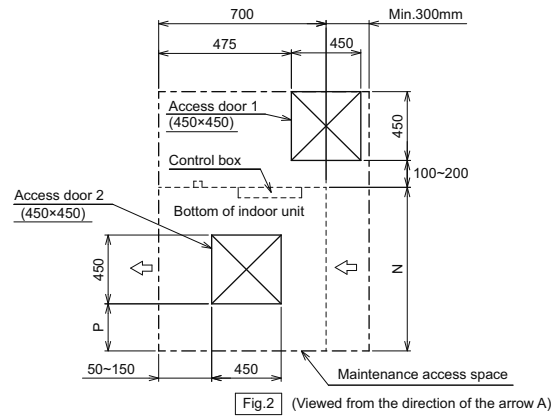
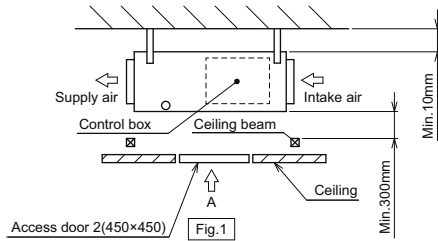
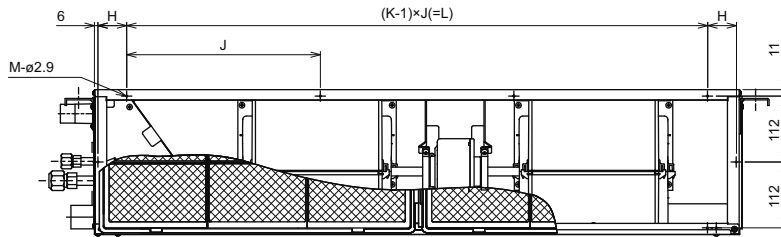
[Maintenance access space]

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
 - Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
 - (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
 - (At least 20mm of space should be left below the unit as shown in Fig.3.)
 - Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
 - or
 - Create access door 4 below the control box and the unit as shown in Fig.5.

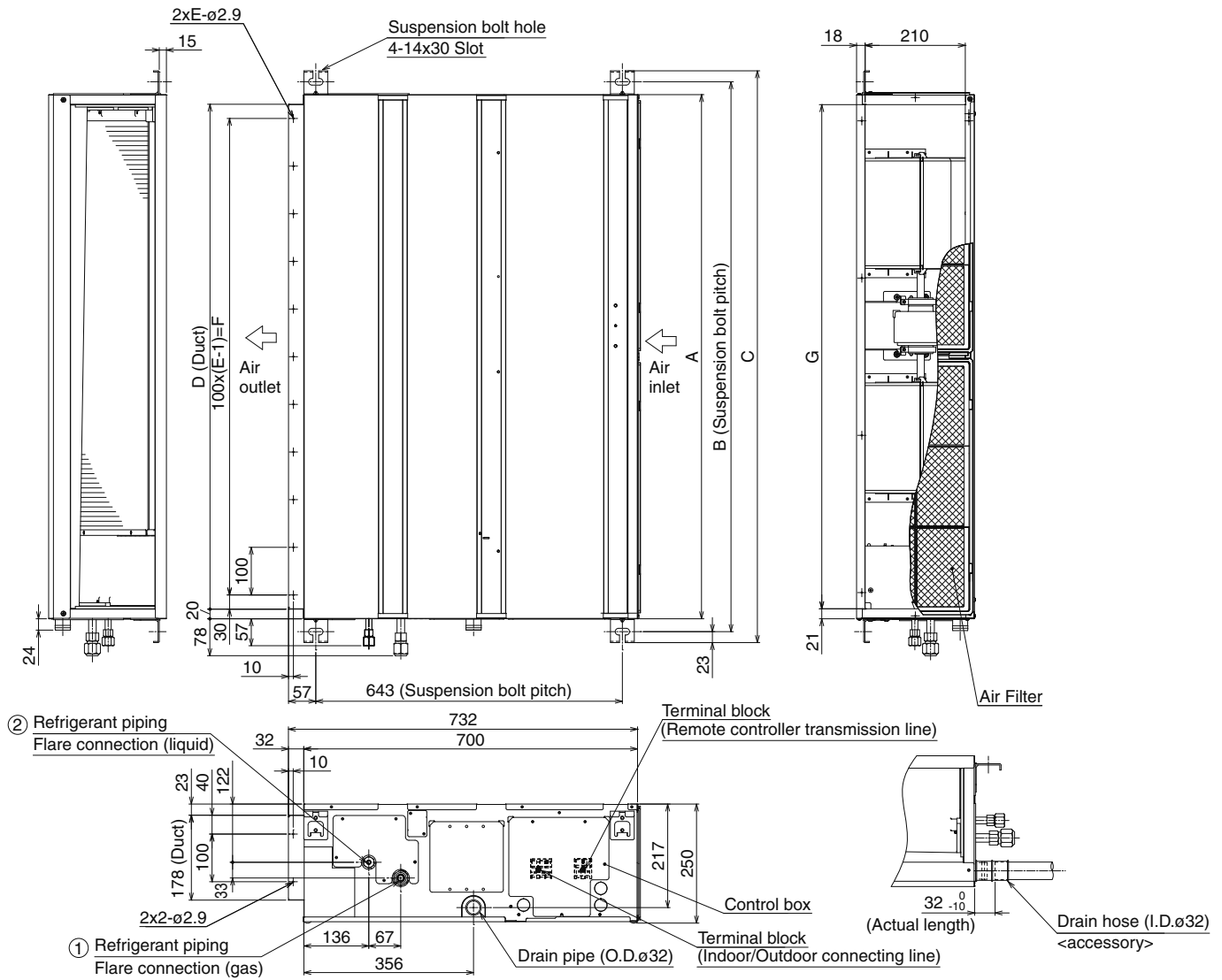
Unit : mm



Model	H	J	K	L	M	N	P	Q	R
PEAD-SM35, 50JAL	54	260	4	780	10	900	150-250	1000	1500
PEAD-SM60JAL	49	330	4	990	10	1100	250-350	1200	1700

PEAD-SM71JAL
PEAD-SM100JAL
PEAD-SM125JAL
PEAD-SM140JAL

CEILING-CONCEALED
OUTLINES AND DIMENSIONS



*Setting at shipment

Model	A	B	C	D	E	F	G	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEAD-SM71JAL	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10	ø15.88	ø9.52
PEAD-SM100,125JAL	1400	1454	1500	1360	14	1300	1358	54	320	5	1280	12		
PEAD-SM140JAL	1600	1654	1700	1560	16	1500	1558	54	370	5	1480	12		

- NOTE 1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300 mm or more is available below the unit between the unit and the ceiling (Fig. 1)

- Create access door 1 and 2 (450 x 450 mm each) as shown in Fig. 2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300 mm is available below the unit between the unit and the ceiling (At least 20 mm of space should be left below the unit as shown in Fig. 3.)

- Create access door 1 diagonally below the electric box and access door 3 below the unit as shown in Fig. 4.
or
- Create access door 4 below the electric box and the unit as shown in Fig. 5.

Unit: mm

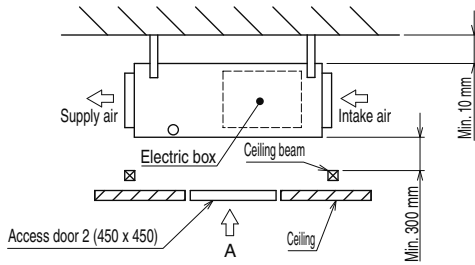
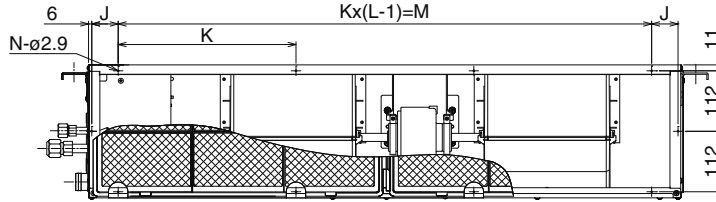


Fig. 1

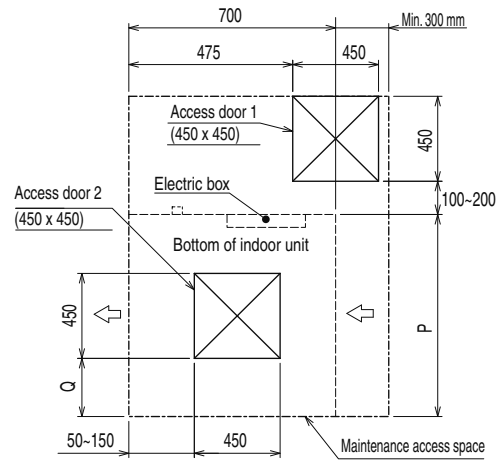


Fig. 2 (Viewed from the direction of the arrow A)

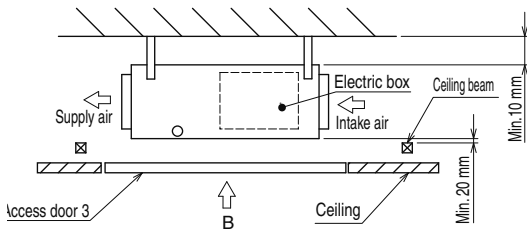


Fig. 3

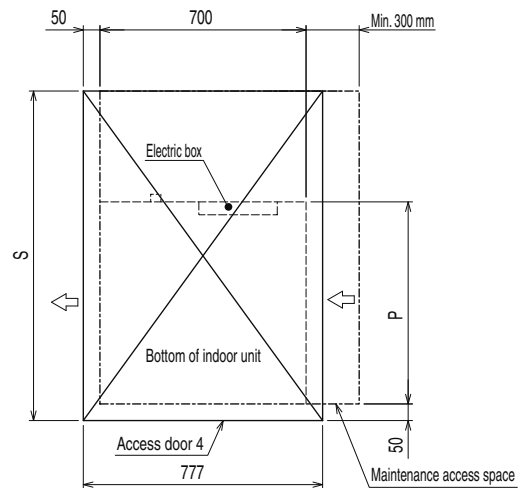


Fig. 5 (Viewed from the direction of the arrow B)

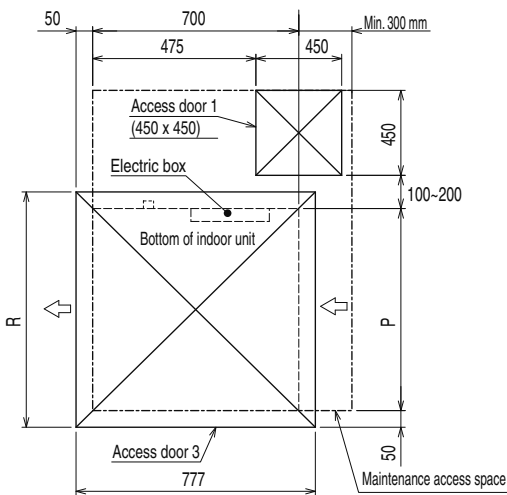


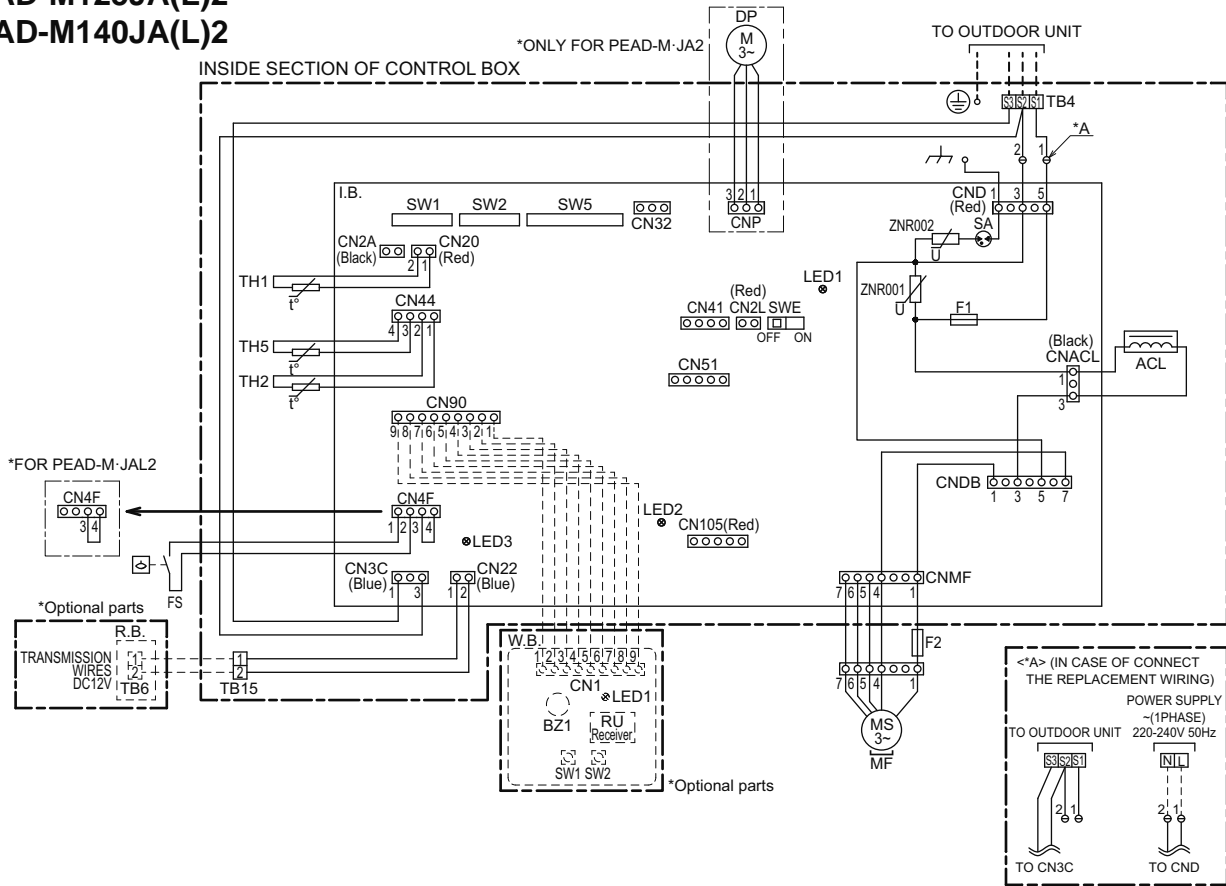
Fig. 4 (Viewed from the direction of the arrow B)

Model	P	Q	R	S
PEAD-SM71JA(L)	1100	250~350	1200	1700
PEAD-SM100, 125JA(L)	1400	400~500	1500	2000
PEAD-SM140JA(L)	1600	500~600	1700	2200

(mm)

A.6.3 WIRING DIAGRAM

- PEAD-M35JA(L)2
- PEAD-M50JA(L)2
- PEAD-M60JA(L)2
- PEAD-M71JA(L)2
- PEAD-M100JA(L)2
- PEAD-M125JA(L)2
- PEAD-M140JA(L)2



SYMBOL EXPLANATION

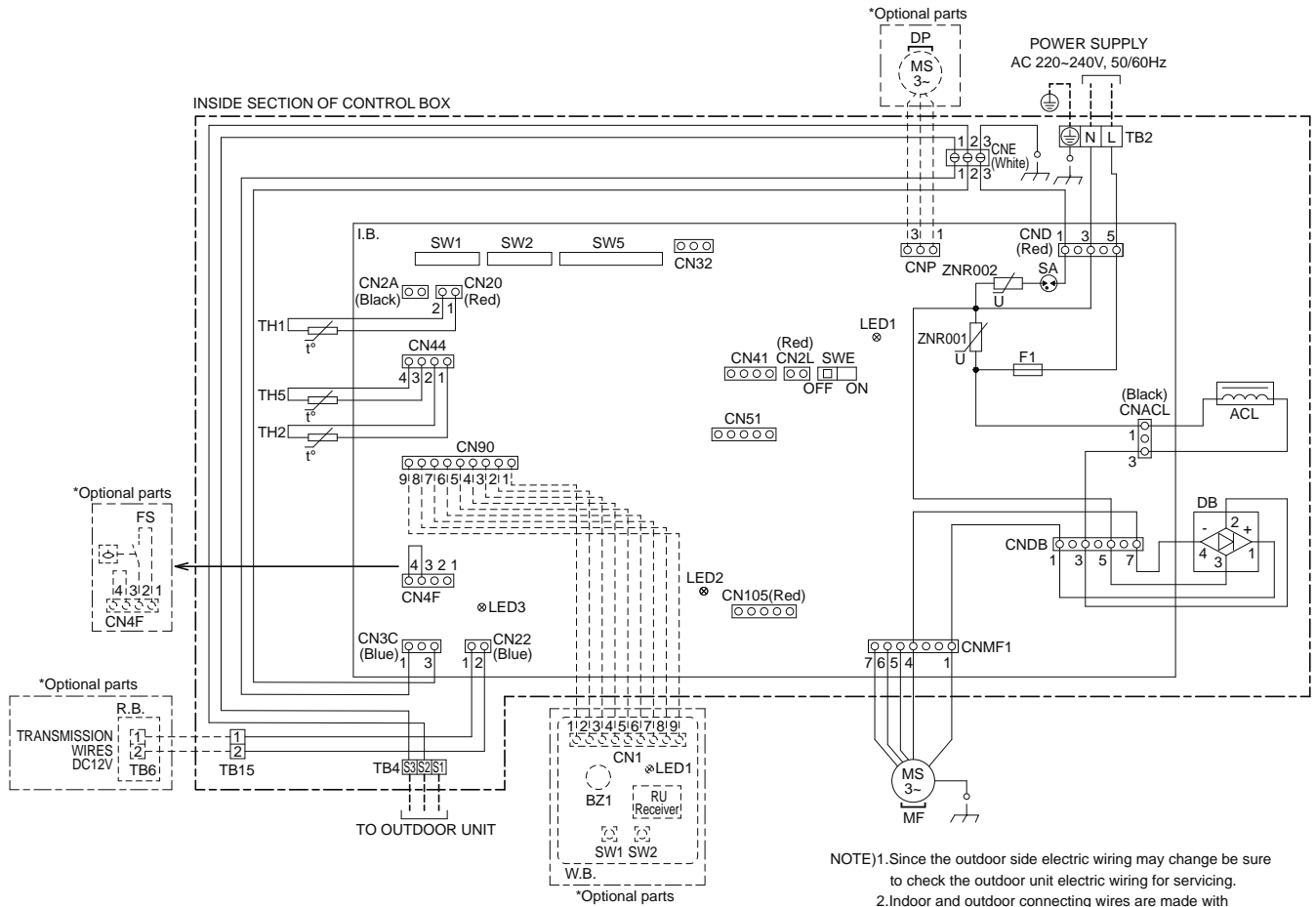
SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board
DP	Drain Pump	CN105	Connector (IT terminal)
FS	Float switch	CNP	Connector (Drain Pump)
F2	Fuse DC400V 3A	CN4F	Connector (Float switch)
MF	Fan Motor	SW1	Switch (for model selection)
TB4	Terminal block (Indoor/Outdoor connecting line)	SW2	Switch (for capacity code)
TB15	Terminal block (Remote controller transmission line)	SW5	Switch (for system selection)
TH1	Inlet air temp. thermistor	SWE	Connector (Emergency operation)
TH2	Pipe temp. thermistor/liquid	SA	Arrester
TH5	Cond./eva. temp. thermistor	F1	Fuse AC250V 6.3A
I.B.	Indoor controller board	ZNR001,002	Varistor
LED1	LED (Power supply)	W.B.	Wireless remote controller board
LED2	LED (Remote controller supply)	RU	Receiving unit
LED3	LED (Transmission Indoor-Outdoor)	BZ1	Buzzer
CN2A	Connector (0-10V Analog input)	LED1	LED (Run indicator)
CN2L	Connector (Lossanay)	SW1	Switch (Heating ON/OFF)
CN32	Connector (Remote switch)	SW2	Switch (Cooling ON/OFF)
CN41	Connector (HA terminal-A)	R.B.	Remote controller board
CN51	Connector (Centrally control)	TB6	Terminal block (Remote controller transmission line)
CN90	Connector (Wireless)		

MODEL	SW1	SW2	SW5
PEAD-M35JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8
PEAD-M50JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8
PEAD-M60JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8
PEAD-M71JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8
PEAD-M100JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8
PEAD-M125JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8
PEAD-M140JA(L)2	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF 1 2 3 4 5	ON OFF OFF OFF OFF 1 2 3 4 5 6 7 8

Set the SW5-8 to OFF when a remote controller other than PAR-4*MAA/CT01MAA is connected.

- NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Symbols used in wiring diagram are : Connector, : Terminal,
 ----- (Heavy dotted line): Field wiring,
 (Thin dotted line): Optional parts.
 4. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
 *Be sure to turn off the SWE after completing a drainage test or test run.

PEA-M200LA
PEA-M250LA



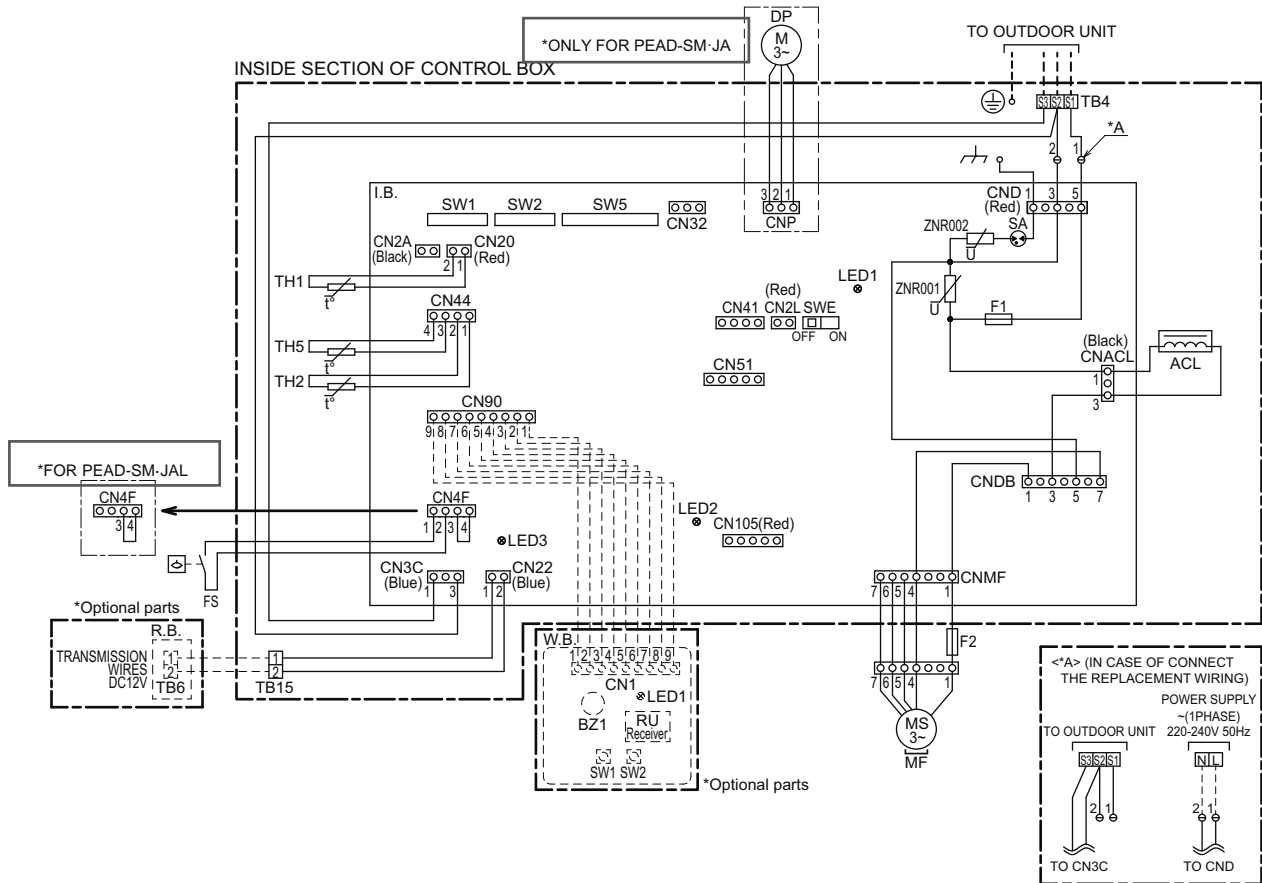
CEILING-CONCEALED
WIRING DIAGRAM

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board
DB	Diode Bridge	LED3	LED (Transmission Indoor-Outdoor)
DP	Drain Pump	CN2A	Connector (0-10V Analog input)
FS	Float Switch	CN2L	Connector (Lossanay)
MF	Fan Motor	CN32	Connector (Remote switch)
TB2	Terminal block (Power source line)	CN41	Connector (HA terminal-A)
TB4	Terminal block (Indoor/Outdoor connecting line)	CN51	Connector (Centrally control)
TB15	Terminal block (Remote controller transmission line)	CN90	Connector (Wireless)
TH1	Inlet air temp. thermistor	CN105	Connector (IT terminal)
TH2	Pipe temp. thermistor/liquid	SW1	Switch (for model selection)
TH5	Cond./eva. temp. thermistor	SW2	Switch (for capacity code)
I.B.	Indoor controller board	SW5	Switch (for system selection)
LED1	LED (Power supply)	SWE	Connector (Emergency operation)
LED2	LED (Remote controller supply)	SA	Arrester
		I.B.	Indoor controller board
		F1	Fuse AC250V 6.3A
		ZNR001,002	Varistor
		W.B.	Wireless remote controller board
		RU	Receiving unit
		BZ1	Buzzer
		LED1	LED (Run indicator)
		SW1	Switch (Heating ON/OFF)
		SW2	Switch (Cooling ON/OFF)
		R.B.	Remote controller board
		TB6	Terminal block (Remote controller transmission line)

PEAD-SM35JA(L)
PEAD-SM50JA(L)
PEAD-SM60JA(L)

CEILING-CONCEALED
WIRING DIAGRAM



SYMBOL EXPLANATION

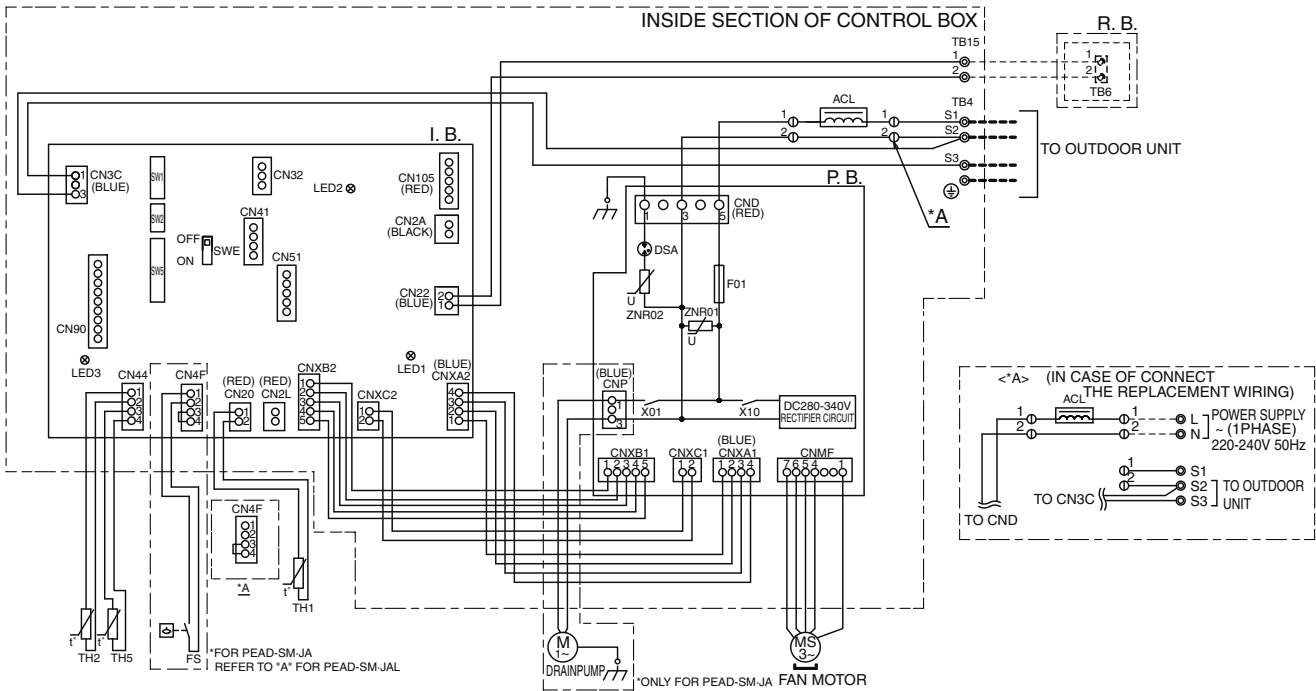
SYMBOL	NAME	SYMBOL	NAME
ACL	AC reactor (Power factor improvement)	I.B.	Indoor controller board
DP	Drain Pump	CN105	Connector (IT terminal)
FS	Float switch	CNP	Connector (Drain Pump)
F2	Fuse DC400V 3A	CN4F	Connector (Float switch)
MF	Fan Motor	SW1	Switch (for model selection)
TB4	Terminal block (Indoor/Outdoor connecting line)	SW2	Switch (for capacity code)
TB15	Terminal block (Remote controller transmission line)	SW5	Switch (for system selection)
TH1	Inlet air temp. thermistor	SWE	Connector (Emergency operation)
TH2	Pipe temp. thermistor/liquid	SA	Arrester
TH5	Cond./eva. temp. thermistor	F1	Fuse AC250V 6.3A
I.B.	Indoor controller board	ZNR001,002	Varistor
LED1	LED (Power supply)	W.B.	Wireless remote controller board
LED2	LED (Remote controller supply)	RU	Receiving unit
LED3	LED (Transmission Indoor-Outdoor)	BZ1	Buzzer
CN2A	Connector (0-10V Analog input)	LED1	LED (Run indicator)
CN2L	Connector (Lossanay)	SW1	Switch (Heating ON/OFF)
CN32	Connector (Remote switch)	SW2	Switch (Cooling ON/OFF)
CN41	Connector (HA terminal-A)	R.B.	Remote controller board
CN51	Connector (Centrally control)	TB6	Terminal block (Remote controller transmission line)
CN90	Connector (Wireless)		

MODEL	SW1	SW2	SW5
PEAD-SM35JA(L)	ON 12345	ON 12345	ON 12345678
PEAD-SM50JA(L)	ON 12345	ON 12345	ON 12345678
PEAD-SM60JA(L)	ON 12345	ON 12345	ON 12345678

Set the SW5-8 to OFF when a remote controller other than PAR-4*MAA/CT01MAA is connected.

- NOTE) 1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Symbols used in wiring diagram are ○ ○ ○: Connector, : Terminal,
 ----- (Heavy dotted line): Field wiring,
 (Thin dotted line): Optional parts.
 4. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
 *Be sure to turn off the SWE after completing a drainage test or test run.

PEAD-SM71JA(L)
PEAD-SM100JA(L)
PEAD-SM125JA(L)
PEAD-SM140JA(L)



CEILING-
CONCEALED

WIRING DIAGRAM

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I. B.	INDOOR CONTROLLER BOARD	I. B.	INDOOR CONTROLLER BOARD	TH1	INTAKE AIR TEMP. THERMISTOR
CN2A	CONNECTOR (0-10V ANALOG INPUT)	SW1	SWITCH (FOR MODE SELECTION)	TH2	PIPE TEMP. THERMISTOR/LIQUID
CN2L	CONNECTOR (LOSSNAY)	SW2	SWITCH (FOR CAPACITY CODE)	TH5	COND./EVA. TEMP. THERMISTOR
CN32	CONNECTOR (REMOTE SWITCH)	SW5	SWITCH (FOR MODEL SELECTION)	ACL	AC REACTOR (POWER FACTOR IMPROVEMENT)
CN41	CONNECTOR (HA TERMINAL-A)	SWE	CONNECTOR (EMERGENCY OPERATION)	FS	FLOAT SWITCH
CN51	CONNECTOR (CENTRALLY CONTROL)	P. B.	POWER SUPPLY BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN90	CONNECTOR (WIRELESS)	F01	FUSE AC250V 6.3A	TB15	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN105	CONNECTOR (IT TERMINAL)	ZNR01.02	VARIATOR	R. B.	REMOTE CONTROLLER BOARD
LED1	LED (POWER SUPPLY)	DSA	ARRESTER	TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
LED2	LED (REMOTE CONTROLLER SUPPLY)	X01	AUX. RELAY		
LED3	LED (TRANSMISSION INDOOR-OUTDOOR)	X10	AUX. RELAY		

- NOTE: 1. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
 2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
 3. Symbols used in wiring diagram above are,

- ⊙ : CONNECTOR
- ⊙ : TERMINAL BLOCK
- (HEAVY DOTTED LINE): FIELD WIRING
- (THIN DOTTED LINE): OPTIONAL PARTS

A.6.4 REFRIGERANT SYSTEM DIAGRAM

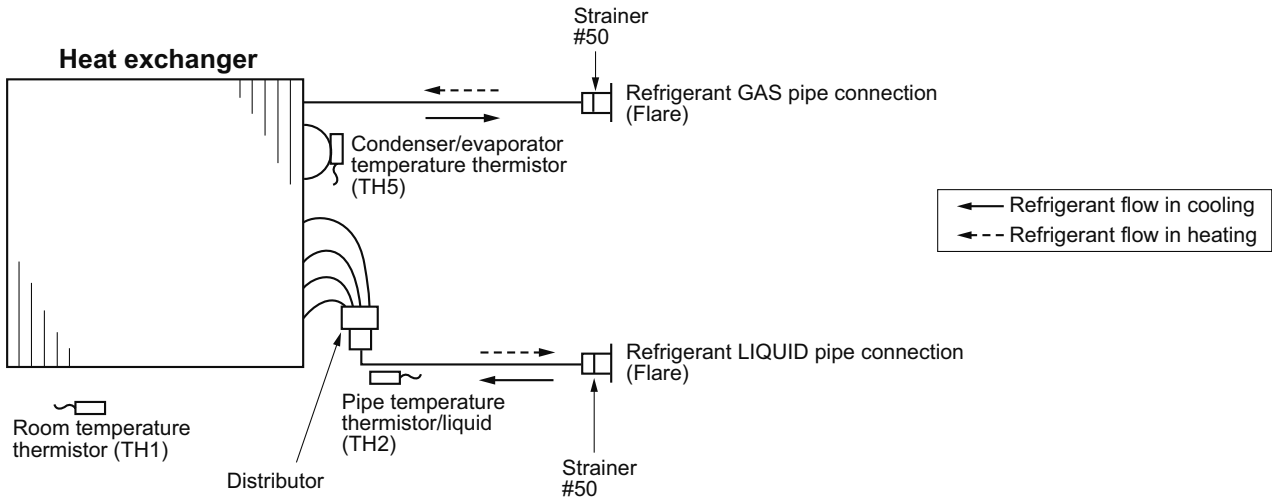
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 PEAD-M35JAL2
 PEAD-M50JA2
 PEAD-M50JAL2
 PEAD-M60JA2
 PEAD-M60JAL2
 PEAD-M71JA2
 PEAD-M71JAL2

PEAD-M100JA2
 PEAD-M100JAL2
 PEAD-M125JA2
 PEAD-M125JAL2
 PEAD-M140JA2
 PEAD-M140JAL2

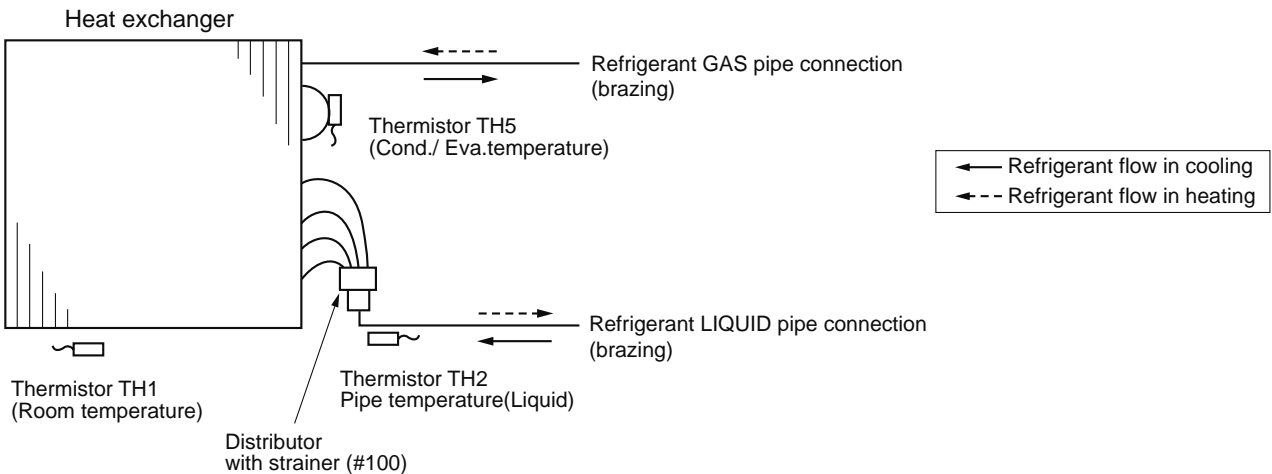
PEAD-SM35JA
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 PEAD-SM50JA
 PEAD-SM50JAL
 PEAD-SM60JA
 PEAD-SM60JAL
 PEAD-SM71JA
 PEAD-SM71JAL

PEAD-SM100JA
 PEAD-SM100JAL
 PEAD-SM125JA
 PEAD-SM125JAL
 PEAD-SM140JA
 PEAD-SM140JAL

CEILING-CONCEALED REFRIGERANT SYSTEM DIAGRAM



**PEA-M200LA
 PEA-M250LA**



COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-M35VA

Table with columns for Indoor intake air D.B. (°C), Indoor intake air W.B. (°C), and Outdoor intake air DB°C (21, 25, 27, 30). Rows show performance data for various conditions, including CA (kW), SHC (kW), SHF, and P.C. (kW).

CEILING-CONCEALED
PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-M35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	0.905	3.240	2.171	0.67	0.960	2.988	2.002	0.67	0.997
21	20	3.708	2.039	0.55	0.941	3.456	1.901	0.55	0.988	3.204	1.762	0.55	1.043
22	18	3.528	2.505	0.71	0.905	3.240	2.300	0.71	0.960	2.988	2.121	0.71	0.997
22	20	3.708	2.188	0.59	0.941	3.456	2.039	0.59	0.988	3.204	1.890	0.59	1.043
22	22	3.924	1.844	0.47	0.978	3.672	1.726	0.47	1.034	3.420	1.607	0.47	1.071
23	18	3.528	2.646	0.75	0.905	3.240	2.430	0.75	0.960	2.988	2.241	0.75	0.997
23	20	3.708	2.336	0.63	0.941	3.456	2.177	0.63	0.988	3.204	2.019	0.63	1.043
23	22	3.924	2.001	0.51	0.978	3.672	1.873	0.51	1.034	3.420	1.744	0.51	1.071
24	18	3.528	2.787	0.79	0.905	3.240	2.560	0.79	0.960	2.988	2.361	0.79	0.997
24	20	3.708	2.484	0.67	0.941	3.456	2.316	0.67	0.988	3.204	2.147	0.67	1.043
24	22	3.924	2.158	0.55	0.978	3.672	2.020	0.55	1.034	3.420	1.881	0.55	1.071
24	24	4.140	1.780	0.43	1.015	3.888	1.672	0.43	1.061	3.672	1.579	0.43	1.108
25	20	3.708	2.633	0.71	0.941	3.456	2.454	0.71	0.988	3.204	2.275	0.71	1.043
25	22	3.924	2.315	0.59	0.978	3.672	2.166	0.59	1.034	3.420	2.018	0.59	1.071
25	24	4.140	1.946	0.47	1.015	3.888	1.827	0.47	1.061	3.672	1.726	0.47	1.108
26	18	3.528	3.069	0.87	0.905	3.240	2.819	0.87	0.960	2.988	2.600	0.87	0.997
26	20	3.708	2.781	0.75	0.941	3.456	2.592	0.75	0.988	3.204	2.403	0.75	1.043
26	22	3.924	2.472	0.63	0.978	3.672	2.313	0.63	1.034	3.420	2.155	0.63	1.071
26	24	4.140	2.111	0.51	1.015	3.888	1.983	0.51	1.061	3.672	1.873	0.51	1.108
26	26	4.356	1.699	0.39	1.052	4.104	1.601	0.39	1.098	3.852	1.502	0.39	1.145
27	18	3.528	3.210	0.91	0.905	3.240	2.948	0.91	0.960	2.988	2.719	0.91	0.997
27	20	3.708	2.929	0.79	0.941	3.456	2.730	0.79	0.988	3.204	2.531	0.79	1.043
27	22	3.924	2.629	0.67	0.978	3.672	2.460	0.67	1.034	3.420	2.291	0.67	1.071
27	24	4.140	2.277	0.55	1.015	3.888	2.138	0.55	1.061	3.672	2.020	0.55	1.108
27	26	4.356	1.873	0.43	1.052	4.104	1.765	0.43	1.098	3.852	1.656	0.43	1.145
28	18	3.528	3.352	0.95	0.905	3.240	3.078	0.95	0.960	2.988	2.839	0.95	0.997
28	20	3.708	3.078	0.83	0.941	3.456	2.868	0.83	0.988	3.204	2.659	0.83	1.043
28	22	3.924	2.786	0.71	0.978	3.672	2.607	0.71	1.034	3.420	2.428	0.71	1.071
28	24	4.140	2.443	0.59	1.015	3.888	2.294	0.59	1.061	3.672	2.166	0.59	1.108
28	26	4.356	2.047	0.47	1.052	4.104	1.929	0.47	1.098	3.852	1.810	0.47	1.145
29	18	3.528	3.493	0.99	0.905	3.240	3.208	0.99	0.960	2.988	2.958	0.99	0.997
29	20	3.708	3.226	0.87	0.941	3.456	3.007	0.87	0.988	3.204	2.787	0.87	1.043
29	22	3.924	2.943	0.75	0.978	3.672	2.754	0.75	1.034	3.420	2.565	0.75	1.071
29	24	4.140	2.608	0.63	1.015	3.888	2.449	0.63	1.061	3.672	2.313	0.63	1.108
29	26	4.356	2.222	0.51	1.052	4.104	2.093	0.51	1.098	3.852	1.965	0.51	1.145
30	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
30	20	3.708	3.374	0.91	0.941	3.456	3.145	0.91	0.988	3.204	2.916	0.91	1.043
30	22	3.924	3.100	0.79	0.978	3.672	2.901	0.79	1.034	3.420	2.702	0.79	1.071
30	24	4.140	2.774	0.67	1.015	3.888	2.605	0.67	1.061	3.672	2.460	0.67	1.108
30	26	4.356	2.396	0.55	1.052	4.104	2.257	0.55	1.098	3.852	2.119	0.55	1.145
31	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
31	20	3.708	3.523	0.95	0.941	3.456	3.283	0.95	0.988	3.204	3.044	0.95	1.043
31	22	3.924	3.257	0.83	0.978	3.672	3.048	0.83	1.034	3.420	2.839	0.83	1.071
31	24	4.140	2.939	0.71	1.015	3.888	2.760	0.71	1.061	3.672	2.607	0.71	1.108
31	26	4.356	2.570	0.59	1.052	4.104	2.421	0.59	1.098	3.852	2.273	0.59	1.145
32	18	3.528	3.528	1.00	0.905	3.240	3.240	1.00	0.960	2.988	2.988	1.00	0.997
32	20	3.708	3.671	0.99	0.941	3.456	3.421	0.99	0.988	3.204	3.172	0.99	1.043
32	22	3.924	3.414	0.87	0.978	3.672	3.195	0.87	1.034	3.420	2.975	0.87	1.071
32	24	4.140	3.105	0.75	1.015	3.888	2.916	0.75	1.061	3.672	2.754	0.75	1.108
32	26	4.356	2.744	0.63	1.052	4.104	2.586	0.63	1.098	3.852	2.427	0.63	1.145

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-M50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	3.234	0.66	1.324	4.500	2.970	0.66	1.405	4.150	2.739	0.66	1.459
21	20	5.150	2.781	0.54	1.378	4.800	2.592	0.54	1.446	4.450	2.403	0.54	1.527
22	18	4.900	3.430	0.70	1.324	4.500	3.150	0.70	1.405	4.150	2.905	0.70	1.459
22	20	5.150	2.987	0.58	1.378	4.800	2.784	0.58	1.446	4.450	2.581	0.58	1.527
22	22	5.450	2.507	0.46	1.432	5.100	2.346	0.46	1.513	4.750	2.185	0.46	1.567
23	18	4.900	3.626	0.74	1.324	4.500	3.330	0.74	1.405	4.150	3.071	0.74	1.459
23	20	5.150	3.193	0.62	1.378	4.800	2.976	0.62	1.446	4.450	2.759	0.62	1.527
23	22	5.450	2.725	0.50	1.432	5.100	2.550	0.50	1.513	4.750	2.375	0.50	1.567
24	18	4.900	3.822	0.78	1.324	4.500	3.510	0.78	1.405	4.150	3.237	0.78	1.459
24	20	5.150	3.399	0.66	1.378	4.800	3.168	0.66	1.446	4.450	2.937	0.66	1.527
24	22	5.450	2.943	0.54	1.432	5.100	2.754	0.54	1.513	4.750	2.565	0.54	1.567
24	24	5.750	2.415	0.42	1.486	5.400	2.268	0.42	1.554	5.100	2.142	0.42	1.621
25	20	5.150	3.605	0.70	1.378	4.800	3.360	0.70	1.446	4.450	3.115	0.70	1.527
25	22	5.450	3.161	0.58	1.432	5.100	2.958	0.58	1.513	4.750	2.755	0.58	1.567
25	24	5.750	2.645	0.46	1.486	5.400	2.484	0.46	1.554	5.100	2.346	0.46	1.621
26	18	4.900	4.214	0.86	1.324	4.500	3.870	0.86	1.405	4.150	3.569	0.86	1.459
26	20	5.150	3.811	0.74	1.378	4.800	3.552	0.74	1.446	4.450	3.293	0.74	1.527
26	22	5.450	3.379	0.62	1.432	5.100	3.162	0.62	1.513	4.750	2.945	0.62	1.567
26	24	5.750	2.875	0.50	1.486	5.400	2.700	0.50	1.554	5.100	2.550	0.50	1.621
26	26	6.050	2.299	0.38	1.540	5.700	2.166	0.38	1.608	5.350	2.033	0.38	1.675
27	18	4.900	4.410	0.90	1.324	4.500	4.050	0.90	1.405	4.150	3.735	0.90	1.459
27	20	5.150	4.017	0.78	1.378	4.800	3.744	0.78	1.446	4.450	3.471	0.78	1.527
27	22	5.450	3.597	0.66	1.432	5.100	3.366	0.66	1.513	4.750	3.135	0.66	1.567
27	24	5.750	3.105	0.54	1.486	5.400	2.916	0.54	1.554	5.100	2.754	0.54	1.621
27	26	6.050	2.541	0.42	1.540	5.700	2.394	0.42	1.608	5.350	2.247	0.42	1.675
28	18	4.900	4.606	0.94	1.324	4.500	4.230	0.94	1.405	4.150	3.901	0.94	1.459
28	20	5.150	4.223	0.82	1.378	4.800	3.936	0.82	1.446	4.450	3.649	0.82	1.527
28	22	5.450	3.815	0.70	1.432	5.100	3.570	0.70	1.513	4.750	3.325	0.70	1.567
28	24	5.750	3.335	0.58	1.486	5.400	3.132	0.58	1.554	5.100	2.958	0.58	1.621
28	26	6.050	2.783	0.46	1.540	5.700	2.622	0.46	1.608	5.350	2.461	0.46	1.675
29	18	4.900	4.802	0.98	1.324	4.500	4.410	0.98	1.405	4.150	4.067	0.98	1.459
29	20	5.150	4.429	0.86	1.378	4.800	4.128	0.86	1.446	4.450	3.827	0.86	1.527
29	22	5.450	4.033	0.74	1.432	5.100	3.774	0.74	1.513	4.750	3.515	0.74	1.567
29	24	5.750	3.565	0.62	1.486	5.400	3.348	0.62	1.554	5.100	3.162	0.62	1.621
29	26	6.050	3.025	0.50	1.540	5.700	2.850	0.50	1.608	5.350	2.675	0.50	1.675
30	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
30	20	5.150	4.635	0.90	1.378	4.800	4.320	0.90	1.446	4.450	4.005	0.90	1.527
30	22	5.450	4.251	0.78	1.432	5.100	3.978	0.78	1.513	4.750	3.705	0.78	1.567
30	24	5.750	3.795	0.66	1.486	5.400	3.564	0.66	1.554	5.100	3.366	0.66	1.621
30	26	6.050	3.267	0.54	1.540	5.700	3.078	0.54	1.608	5.350	2.889	0.54	1.675
31	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
31	20	5.150	4.841	0.94	1.378	4.800	4.512	0.94	1.446	4.450	4.183	0.94	1.527
31	22	5.450	4.469	0.82	1.432	5.100	4.182	0.82	1.513	4.750	3.895	0.82	1.567
31	24	5.750	4.025	0.70	1.486	5.400	3.780	0.70	1.554	5.100	3.570	0.70	1.621
31	26	6.050	3.509	0.58	1.540	5.700	3.306	0.58	1.608	5.350	3.103	0.58	1.675
32	18	4.900	4.900	1.00	1.324	4.500	4.500	1.00	1.405	4.150	4.150	1.00	1.459
32	20	5.150	5.047	0.98	1.378	4.800	4.704	0.98	1.446	4.450	4.361	0.98	1.527
32	22	5.450	4.687	0.86	1.432	5.100	4.386	0.86	1.513	4.750	4.085	0.86	1.567
32	24	5.750	4.255	0.74	1.486	5.400	3.996	0.74	1.554	5.100	3.774	0.74	1.621
32	26	6.050	3.751	0.62	1.540	5.700	3.534	0.62	1.608	5.350	3.317	0.62	1.675

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-M60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.886	0.65	1.660	5.490	3.569	0.65	1.762	5.063	3.291	0.65	1.830
21	20	6.283	3.330	0.53	1.728	5.856	3.104	0.53	1.813	5.429	2.877	0.53	1.914
22	18	5.978	4.125	0.69	1.660	5.490	3.788	0.69	1.762	5.063	3.493	0.69	1.830
22	20	6.283	3.581	0.57	1.728	5.856	3.338	0.57	1.813	5.429	3.095	0.57	1.914
22	22	6.649	2.992	0.45	1.796	6.222	2.800	0.45	1.897	5.795	2.608	0.45	1.965
23	18	5.978	4.364	0.73	1.660	5.490	4.008	0.73	1.762	5.063	3.696	0.73	1.830
23	20	6.283	3.833	0.61	1.728	5.856	3.572	0.61	1.813	5.429	3.312	0.61	1.914
23	22	6.649	3.258	0.49	1.796	6.222	3.049	0.49	1.897	5.795	2.840	0.49	1.965
24	18	5.978	4.603	0.77	1.660	5.490	4.227	0.77	1.762	5.063	3.899	0.77	1.830
24	20	6.283	4.084	0.65	1.728	5.856	3.806	0.65	1.813	5.429	3.529	0.65	1.914
24	22	6.649	3.524	0.53	1.796	6.222	3.298	0.53	1.897	5.795	3.071	0.53	1.965
24	24	7.015	2.876	0.41	1.863	6.588	2.701	0.41	1.948	6.222	2.551	0.41	2.033
25	20	6.283	4.335	0.69	1.728	5.856	4.041	0.69	1.813	5.429	3.746	0.69	1.914
25	22	6.649	3.790	0.57	1.796	6.222	3.547	0.57	1.897	5.795	3.303	0.57	1.965
25	24	7.015	3.157	0.45	1.863	6.588	2.965	0.45	1.948	6.222	2.800	0.45	2.033
26	18	5.978	5.081	0.85	1.660	5.490	4.667	0.85	1.762	5.063	4.304	0.85	1.830
26	20	6.283	4.587	0.73	1.728	5.856	4.275	0.73	1.813	5.429	3.963	0.73	1.914
26	22	6.649	4.056	0.61	1.796	6.222	3.795	0.61	1.897	5.795	3.535	0.61	1.965
26	24	7.015	3.437	0.49	1.863	6.588	3.228	0.49	1.948	6.222	3.049	0.49	2.033
26	26	7.381	2.731	0.37	1.931	6.954	2.573	0.37	2.016	6.527	2.415	0.37	2.101
27	18	5.978	5.320	0.89	1.660	5.490	4.886	0.89	1.762	5.063	4.506	0.89	1.830
27	20	6.283	4.838	0.77	1.728	5.856	4.509	0.77	1.813	5.429	4.180	0.77	1.914
27	22	6.649	4.322	0.65	1.796	6.222	4.044	0.65	1.897	5.795	3.767	0.65	1.965
27	24	7.015	3.718	0.53	1.863	6.588	3.492	0.53	1.948	6.222	3.298	0.53	2.033
27	26	7.381	3.026	0.41	1.931	6.954	2.851	0.41	2.016	6.527	2.676	0.41	2.101
28	18	5.978	5.560	0.93	1.660	5.490	5.106	0.93	1.762	5.063	4.709	0.93	1.830
28	20	6.283	5.089	0.81	1.728	5.856	4.743	0.81	1.813	5.429	4.397	0.81	1.914
28	22	6.649	4.588	0.69	1.796	6.222	4.293	0.69	1.897	5.795	3.999	0.69	1.965
28	24	7.015	3.999	0.57	1.863	6.588	3.755	0.57	1.948	6.222	3.547	0.57	2.033
28	26	7.381	3.321	0.45	1.931	6.954	3.129	0.45	2.016	6.527	2.937	0.45	2.101
29	18	5.978	5.799	0.97	1.660	5.490	5.325	0.97	1.762	5.063	4.911	0.97	1.830
29	20	6.283	5.341	0.85	1.728	5.856	4.978	0.85	1.813	5.429	4.615	0.85	1.914
29	22	6.649	4.854	0.73	1.796	6.222	4.542	0.73	1.897	5.795	4.230	0.73	1.965
29	24	7.015	4.279	0.61	1.863	6.588	4.019	0.61	1.948	6.222	3.795	0.61	2.033
29	26	7.381	3.617	0.49	1.931	6.954	3.407	0.49	2.016	6.527	3.198	0.49	2.101
30	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
30	20	6.283	5.592	0.89	1.728	5.856	5.212	0.89	1.813	5.429	4.832	0.89	1.914
30	22	6.649	5.120	0.77	1.796	6.222	4.791	0.77	1.897	5.795	4.462	0.77	1.965
30	24	7.015	4.560	0.65	1.863	6.588	4.282	0.65	1.948	6.222	4.044	0.65	2.033
30	26	7.381	3.912	0.53	1.931	6.954	3.686	0.53	2.016	6.527	3.459	0.53	2.101
31	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
31	20	6.283	5.843	0.93	1.728	5.856	5.446	0.93	1.813	5.429	5.049	0.93	1.914
31	22	6.649	5.386	0.81	1.796	6.222	5.040	0.81	1.897	5.795	4.694	0.81	1.965
31	24	7.015	4.840	0.69	1.863	6.588	4.546	0.69	1.948	6.222	4.293	0.69	2.033
31	26	7.381	4.207	0.57	1.931	6.954	3.964	0.57	2.016	6.527	3.720	0.57	2.101
32	18	5.978	5.978	1.00	1.660	5.490	5.490	1.00	1.762	5.063	5.063	1.00	1.830
32	20	6.283	6.095	0.97	1.728	5.856	5.680	0.97	1.813	5.429	5.266	0.97	1.914
32	22	6.649	5.652	0.85	1.796	6.222	5.289	0.85	1.897	5.795	4.926	0.85	1.965
32	24	7.015	5.121	0.73	1.863	6.588	4.809	0.73	1.948	6.222	4.542	0.73	2.033
32	26	7.381	4.502	0.61	1.931	6.954	4.242	0.61	2.016	6.527	3.981	0.61	2.101

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.173	0.62	1.622	7.988	4.953	0.62	1.704	7.668	4.754	0.62	1.785	7.384	4.578	0.62	1.866
21	20	8.698	4.349	0.50	1.704	8.343	4.172	0.50	1.805	8.094	4.047	0.50	1.845	7.810	3.905	0.50	1.927
22	18	8.343	5.506	0.66	1.622	7.988	5.272	0.66	1.704	7.668	5.061	0.66	1.785	7.384	4.873	0.66	1.866
22	20	8.698	4.697	0.54	1.704	8.343	4.505	0.54	1.805	8.094	4.371	0.54	1.845	7.810	4.217	0.54	1.927
22	22	9.053	3.802	0.42	1.764	8.733	3.668	0.42	1.876	8.520	3.578	0.42	1.927	8.165	3.429	0.42	2.008
23	18	8.343	5.840	0.70	1.622	7.988	5.592	0.70	1.704	7.668	5.368	0.70	1.785	7.384	5.169	0.70	1.866
23	20	8.698	5.045	0.58	1.704	8.343	4.839	0.58	1.805	8.094	4.695	0.58	1.845	7.810	4.530	0.58	1.927
23	22	9.053	4.164	0.46	1.764	8.733	4.017	0.46	1.876	8.520	3.919	0.46	1.927	8.165	3.756	0.46	2.008
24	18	8.343	6.174	0.74	1.622	7.988	5.911	0.74	1.704	7.668	5.674	0.74	1.785	7.384	5.464	0.74	1.866
24	20	8.698	5.393	0.62	1.704	8.343	5.173	0.62	1.805	8.094	5.018	0.62	1.845	7.810	4.842	0.62	1.927
24	22	9.053	4.527	0.50	1.764	8.733	4.367	0.50	1.876	8.520	4.260	0.50	1.927	8.165	4.083	0.50	2.008
24	24	9.514	3.615	0.38	1.845	9.159	3.480	0.38	1.947	8.946	3.399	0.38	2.008	8.662	3.292	0.38	2.109
25	20	8.698	5.741	0.66	1.704	8.343	5.506	0.66	1.805	8.094	5.342	0.66	1.845	7.810	5.155	0.66	1.927
25	22	9.053	4.889	0.54	1.764	8.733	4.716	0.54	1.876	8.520	4.601	0.54	1.927	8.165	4.409	0.54	2.008
25	24	9.514	3.996	0.42	1.845	9.159	3.847	0.42	1.947	8.946	3.757	0.42	2.008	8.662	3.638	0.42	2.109
26	18	8.343	6.841	0.82	1.622	7.988	6.550	0.82	1.704	7.668	6.288	0.82	1.785	7.384	6.055	0.82	1.866
26	20	8.698	6.089	0.70	1.704	8.343	5.840	0.70	1.805	8.094	5.666	0.70	1.845	7.810	5.467	0.70	1.927
26	22	9.053	5.251	0.58	1.764	8.733	5.065	0.58	1.876	8.520	4.942	0.58	1.927	8.165	4.736	0.58	2.008
26	24	9.514	4.376	0.46	1.845	9.159	4.213	0.46	1.947	8.946	4.115	0.46	2.008	8.662	3.985	0.46	2.109
26	26	9.798	3.331	0.34	1.947	9.514	3.235	0.34	2.048	9.372	3.186	0.34	2.109	9.088	3.090	0.34	2.170
27	18	8.343	7.175	0.86	1.622	7.988	6.870	0.86	1.704	7.668	6.594	0.86	1.785	7.384	6.350	0.86	1.866
27	20	8.698	6.437	0.74	1.704	8.343	6.174	0.74	1.805	8.094	5.990	0.74	1.845	7.810	5.779	0.74	1.927
27	22	9.053	5.613	0.62	1.764	8.733	5.414	0.62	1.876	8.520	5.282	0.62	1.927	8.165	5.062	0.62	2.008
27	24	9.514	4.757	0.50	1.845	9.159	4.580	0.50	1.947	8.946	4.473	0.50	2.008	8.662	4.331	0.50	2.109
27	26	9.798	3.723	0.38	1.947	9.514	3.615	0.38	2.048	9.372	3.561	0.38	2.109	9.088	3.453	0.38	2.170
28	18	8.343	7.509	0.90	1.622	7.988	7.189	0.90	1.704	7.668	6.901	0.90	1.785	7.384	6.646	0.90	1.866
28	20	8.698	6.784	0.78	1.704	8.343	6.508	0.78	1.805	8.094	6.313	0.78	1.845	7.810	6.092	0.78	1.927
28	22	9.053	5.975	0.66	1.764	8.733	5.764	0.66	1.876	8.520	5.623	0.66	1.927	8.165	5.389	0.66	2.008
28	24	9.514	5.138	0.54	1.845	9.159	4.946	0.54	1.947	8.946	4.831	0.54	2.008	8.662	4.677	0.54	2.109
28	26	9.798	4.115	0.42	1.947	9.514	3.996	0.42	2.048	9.372	3.936	0.42	2.109	9.088	3.817	0.42	2.170
29	18	8.343	7.842	0.94	1.622	7.988	7.509	0.94	1.704	7.668	7.208	0.94	1.785	7.384	6.941	0.94	1.866
29	20	8.698	7.132	0.82	1.704	8.343	6.841	0.82	1.805	8.094	6.637	0.82	1.845	7.810	6.404	0.82	1.927
29	22	9.053	6.337	0.70	1.764	8.733	6.113	0.70	1.876	8.520	5.964	0.70	1.927	8.165	5.716	0.70	2.008
29	24	9.514	5.518	0.58	1.845	9.159	5.312	0.58	1.947	8.946	5.189	0.58	2.008	8.662	5.024	0.58	2.109
29	26	9.798	4.507	0.46	1.947	9.514	4.376	0.46	2.048	9.372	4.311	0.46	2.109	9.088	4.180	0.46	2.170
30	18	8.343	8.176	0.98	1.622	7.988	7.828	0.98	1.704	7.668	7.515	0.98	1.785	7.384	7.236	0.98	1.866
30	20	8.698	7.480	0.86	1.704	8.343	7.175	0.86	1.805	8.094	6.961	0.86	1.845	7.810	6.717	0.86	1.927
30	22	9.053	6.699	0.74	1.764	8.733	6.462	0.74	1.876	8.520	6.305	0.74	1.927	8.165	6.042	0.74	2.008
30	24	9.514	5.899	0.62	1.845	9.159	5.679	0.62	1.947	8.946	5.547	0.62	2.008	8.662	5.370	0.62	2.109
30	26	9.798	4.899	0.50	1.947	9.514	4.757	0.50	2.048	9.372	4.686	0.50	2.109	9.088	4.544	0.50	2.170
31	18	8.343	8.343	1.00	1.622	7.988	7.988	1.00	1.704	7.668	7.668	1.00	1.785	7.384	7.384	1.00	1.866
31	20	8.698	7.828	0.90	1.704	8.343	7.509	0.90	1.805	8.094	7.285	0.90	1.845	7.810	7.029	0.90	1.927
31	22	9.053	7.061	0.78	1.764	8.733	6.812	0.78	1.876	8.520	6.646	0.78	1.927	8.165	6.369	0.78	2.008
31	24	9.514	6.279	0.66	1.845	9.159	6.045	0.66	1.947	8.946	5.904	0.66	2.008	8.662	5.717	0.66	2.109
31	26	9.798	5.291	0.54	1.947	9.514	5.138	0.54	2.048	9.372	5.061	0.54	2.109	9.088	4.908	0.54	2.170
32	18	8.343	8.343	1.00	1.622	7.988	7.988	1.00	1.704	7.668	7.668	1.00	1.785	7.384	7.384	1.00	1.866
32	20	8.698	8.176	0.94	1.704	8.343	7.842	0.94	1.805	8.094	7.608	0.94	1.845	7.810	7.341	0.94	1.927
32	22	9.053	7.423	0.82	1.764	8.733	7.161	0.82	1.876	8.520	6.986	0.82	1.927	8.165	6.695	0.82	2.008
32	24	9.514	6.660	0.70	1.845	9.159	6.411	0.70	1.947	8.946	6.262	0.70	2.008	8.662	6.063	0.70	2.109
32	26	9.798	5.683	0.58	1.947	9.514	5.518	0.58	2.048	9.372	5.436	0.58	2.109	9.088	5.271	0.58	2.170

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-M71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	1.987	6.390	3.962	0.62	2.109	5.893	3.654	0.62	2.190
21	20	7.313	3.657	0.50	2.069	6.816	3.408	0.50	2.170	6.319	3.160	0.50	2.292
22	18	6.958	4.592	0.66	1.987	6.390	4.217	0.66	2.109	5.893	3.889	0.66	2.190
22	20	7.313	3.949	0.54	2.069	6.816	3.681	0.54	2.170	6.319	3.412	0.54	2.292
22	22	7.739	3.250	0.42	2.150	7.242	3.042	0.42	2.271	6.745	2.833	0.42	2.352
23	18	6.958	4.871	0.70	1.987	6.390	4.473	0.70	2.109	5.893	4.125	0.70	2.190
23	20	7.313	4.242	0.58	2.069	6.816	3.953	0.58	2.170	6.319	3.665	0.58	2.292
23	22	7.739	3.560	0.46	2.150	7.242	3.331	0.46	2.271	6.745	3.103	0.46	2.352
24	18	6.958	5.149	0.74	1.987	6.390	4.729	0.74	2.109	5.893	4.361	0.74	2.190
24	20	7.313	4.534	0.62	2.069	6.816	4.226	0.62	2.170	6.319	3.918	0.62	2.292
24	22	7.739	3.870	0.50	2.150	7.242	3.621	0.50	2.271	6.745	3.373	0.50	2.352
24	24	8.165	3.103	0.38	2.231	7.668	2.914	0.38	2.332	7.242	2.752	0.38	2.434
25	20	7.313	4.827	0.66	2.069	6.816	4.499	0.66	2.170	6.319	4.171	0.66	2.292
25	22	7.739	4.179	0.54	2.150	7.242	3.911	0.54	2.271	6.745	3.642	0.54	2.352
25	24	8.165	3.429	0.42	2.231	7.668	3.221	0.42	2.332	7.242	3.042	0.42	2.434
26	18	6.958	5.706	0.82	1.987	6.390	5.240	0.82	2.109	5.893	4.832	0.82	2.190
26	20	7.313	5.119	0.70	2.069	6.816	4.771	0.70	2.170	6.319	4.423	0.70	2.292
26	22	7.739	4.489	0.58	2.150	7.242	4.200	0.58	2.271	6.745	3.912	0.58	2.352
26	24	8.165	3.756	0.46	2.231	7.668	3.527	0.46	2.332	7.242	3.331	0.46	2.434
26	26	8.591	2.921	0.34	2.312	8.094	2.752	0.34	2.413	7.597	2.583	0.34	2.515
27	18	6.958	5.984	0.86	1.987	6.390	5.495	0.86	2.109	5.893	5.068	0.86	2.190
27	20	7.313	5.412	0.74	2.069	6.816	5.044	0.74	2.170	6.319	4.676	0.74	2.292
27	22	7.739	4.798	0.62	2.150	7.242	4.490	0.62	2.271	6.745	4.182	0.62	2.352
27	24	8.165	4.083	0.50	2.231	7.668	3.834	0.50	2.332	7.242	3.621	0.50	2.434
27	26	8.591	3.265	0.38	2.312	8.094	3.076	0.38	2.413	7.597	2.887	0.38	2.515
28	18	6.958	6.262	0.90	1.987	6.390	5.751	0.90	2.109	5.893	5.304	0.90	2.190
28	20	7.313	5.704	0.78	2.069	6.816	5.316	0.78	2.170	6.319	4.929	0.78	2.292
28	22	7.739	5.108	0.66	2.150	7.242	4.780	0.66	2.271	6.745	4.452	0.66	2.352
28	24	8.165	4.409	0.54	2.231	7.668	4.141	0.54	2.332	7.242	3.911	0.54	2.434
28	26	8.591	3.608	0.42	2.312	8.094	3.399	0.42	2.413	7.597	3.191	0.42	2.515
29	18	6.958	6.541	0.94	1.987	6.390	6.007	0.94	2.109	5.893	5.539	0.94	2.190
29	20	7.313	5.997	0.82	2.069	6.816	5.589	0.82	2.170	6.319	5.182	0.82	2.292
29	22	7.739	5.417	0.70	2.150	7.242	5.069	0.70	2.271	6.745	4.722	0.70	2.352
29	24	8.165	4.736	0.58	2.231	7.668	4.447	0.58	2.332	7.242	4.200	0.58	2.434
29	26	8.591	3.952	0.46	2.312	8.094	3.723	0.46	2.413	7.597	3.495	0.46	2.515
30	18	6.958	6.819	0.98	1.987	6.390	6.262	0.98	2.109	5.893	5.775	0.98	2.190
30	20	7.313	6.289	0.86	2.069	6.816	5.862	0.86	2.170	6.319	5.434	0.86	2.292
30	22	7.739	5.727	0.74	2.150	7.242	5.359	0.74	2.271	6.745	4.991	0.74	2.352
30	24	8.165	5.062	0.62	2.231	7.668	4.754	0.62	2.332	7.242	4.490	0.62	2.434
30	26	8.591	4.296	0.50	2.312	8.094	4.047	0.50	2.413	7.597	3.799	0.50	2.515
31	18	6.958	6.958	1.00	1.987	6.390	6.390	1.00	2.109	5.893	5.893	1.00	2.190
31	20	7.313	6.582	0.90	2.069	6.816	6.134	0.90	2.170	6.319	5.687	0.90	2.292
31	22	7.739	6.036	0.78	2.150	7.242	5.649	0.78	2.271	6.745	5.261	0.78	2.352
31	24	8.165	5.389	0.66	2.231	7.668	5.061	0.66	2.332	7.242	4.780	0.66	2.434
31	26	8.591	4.639	0.54	2.312	8.094	4.371	0.54	2.413	7.597	4.102	0.54	2.515
32	18	6.958	6.958	1.00	1.987	6.390	6.390	1.00	2.109	5.893	5.893	1.00	2.190
32	20	7.313	6.874	0.94	2.069	6.816	6.407	0.94	2.170	6.319	5.940	0.94	2.292
32	22	7.739	6.346	0.82	2.150	7.242	5.938	0.82	2.271	6.745	5.531	0.82	2.352
32	24	8.165	5.716	0.70	2.231	7.668	5.368	0.70	2.332	7.242	5.069	0.70	2.434
32	26	8.591	4.983	0.58	2.312	8.094	4.695	0.58	2.413	7.597	4.406	0.58	2.515

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM35JA(L) / SUZ-SM35VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	1.092	3.240	2.171	0.67	1.159	2.988	2.002	0.67	1.203
21	20	3.708	2.039	0.55	1.136	3.456	1.901	0.55	1.192	3.204	1.762	0.55	1.259
22	18	3.528	2.505	0.71	1.092	3.240	2.300	0.71	1.159	2.988	2.121	0.71	1.203
22	20	3.708	2.188	0.59	1.136	3.456	2.039	0.59	1.192	3.204	1.890	0.59	1.259
22	22	3.924	1.844	0.47	1.181	3.672	1.726	0.47	1.248	3.420	1.607	0.47	1.292
23	18	3.528	2.646	0.75	1.092	3.240	2.430	0.75	1.159	2.988	2.241	0.75	1.203
23	20	3.708	2.336	0.63	1.136	3.456	2.177	0.63	1.192	3.204	2.019	0.63	1.259
23	22	3.924	2.001	0.51	1.181	3.672	1.873	0.51	1.248	3.420	1.744	0.51	1.292
24	18	3.528	2.787	0.79	1.092	3.240	2.560	0.79	1.159	2.988	2.361	0.79	1.203
24	20	3.708	2.484	0.67	1.136	3.456	2.316	0.67	1.192	3.204	2.147	0.67	1.259
24	22	3.924	2.158	0.55	1.181	3.672	2.020	0.55	1.248	3.420	1.881	0.55	1.292
24	24	4.140	1.780	0.43	1.225	3.888	1.672	0.43	1.281	3.672	1.579	0.43	1.337
25	20	3.708	2.633	0.71	1.136	3.456	2.454	0.71	1.192	3.204	2.275	0.71	1.259
25	22	3.924	2.315	0.59	1.181	3.672	2.166	0.59	1.248	3.420	2.018	0.59	1.292
25	24	4.140	1.946	0.47	1.225	3.888	1.827	0.47	1.281	3.672	1.726	0.47	1.337
26	18	3.528	3.069	0.87	1.092	3.240	2.819	0.87	1.159	2.988	2.600	0.87	1.203
26	20	3.708	2.781	0.75	1.136	3.456	2.592	0.75	1.192	3.204	2.403	0.75	1.259
26	22	3.924	2.472	0.63	1.181	3.672	2.313	0.63	1.248	3.420	2.155	0.63	1.292
26	24	4.140	2.111	0.51	1.225	3.888	1.983	0.51	1.281	3.672	1.873	0.51	1.337
26	26	4.356	1.699	0.39	1.270	4.104	1.601	0.39	1.326	3.852	1.502	0.39	1.381
27	18	3.528	3.210	0.91	1.092	3.240	2.948	0.91	1.159	2.988	2.719	0.91	1.203
27	20	3.708	2.929	0.79	1.136	3.456	2.730	0.79	1.192	3.204	2.531	0.79	1.259
27	22	3.924	2.629	0.67	1.181	3.672	2.460	0.67	1.248	3.420	2.291	0.67	1.292
27	24	4.140	2.277	0.55	1.225	3.888	2.138	0.55	1.281	3.672	2.020	0.55	1.337
27	26	4.356	1.873	0.43	1.270	4.104	1.765	0.43	1.326	3.852	1.656	0.43	1.381
28	18	3.528	3.352	0.95	1.092	3.240	3.078	0.95	1.159	2.988	2.839	0.95	1.203
28	20	3.708	3.078	0.83	1.136	3.456	2.868	0.83	1.192	3.204	2.659	0.83	1.259
28	22	3.924	2.786	0.71	1.181	3.672	2.607	0.71	1.248	3.420	2.428	0.71	1.292
28	24	4.140	2.443	0.59	1.225	3.888	2.294	0.59	1.281	3.672	2.166	0.59	1.337
28	26	4.356	2.047	0.47	1.270	4.104	1.929	0.47	1.326	3.852	1.810	0.47	1.381
29	18	3.528	3.493	0.99	1.092	3.240	3.208	0.99	1.159	2.988	2.958	0.99	1.203
29	20	3.708	3.226	0.87	1.136	3.456	3.007	0.87	1.192	3.204	2.787	0.87	1.259
29	22	3.924	2.943	0.75	1.181	3.672	2.754	0.75	1.248	3.420	2.565	0.75	1.292
29	24	4.140	2.608	0.63	1.225	3.888	2.449	0.63	1.281	3.672	2.313	0.63	1.337
29	26	4.356	2.222	0.51	1.270	4.104	2.093	0.51	1.326	3.852	1.965	0.51	1.381
30	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
30	20	3.708	3.374	0.91	1.136	3.456	3.145	0.91	1.192	3.204	2.916	0.91	1.259
30	22	3.924	3.100	0.79	1.181	3.672	2.901	0.79	1.248	3.420	2.702	0.79	1.292
30	24	4.140	2.774	0.67	1.225	3.888	2.605	0.67	1.281	3.672	2.460	0.67	1.337
30	26	4.356	2.396	0.55	1.270	4.104	2.257	0.55	1.326	3.852	2.119	0.55	1.381
31	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
31	20	3.708	3.523	0.95	1.136	3.456	3.283	0.95	1.192	3.204	3.044	0.95	1.259
31	22	3.924	3.257	0.83	1.181	3.672	3.048	0.83	1.248	3.420	2.839	0.83	1.292
31	24	4.140	2.939	0.71	1.225	3.888	2.760	0.71	1.281	3.672	2.607	0.71	1.337
31	26	4.356	2.570	0.59	1.270	4.104	2.421	0.59	1.326	3.852	2.273	0.59	1.381
32	18	3.528	3.528	1.00	1.092	3.240	3.240	1.00	1.159	2.988	2.988	1.00	1.203
32	20	3.708	3.671	0.99	1.136	3.456	3.421	0.99	1.192	3.204	3.172	0.99	1.259
32	22	3.924	3.414	0.87	1.181	3.672	3.195	0.87	1.248	3.420	2.975	0.87	1.292
32	24	4.140	3.105	0.75	1.225	3.888	2.916	0.75	1.281	3.672	2.754	0.75	1.337
32	26	4.356	2.744	0.63	1.270	4.104	2.586	0.63	1.326	3.852	2.427	0.63	1.381

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM50JA(L) / SUZ-SM50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.875	3.878	0.66	1.238	5.625	3.713	0.66	1.299	5.400	3.564	0.66	1.361	5.200	3.432	0.66	1.423
21	20	6.125	3.308	0.54	1.299	5.875	3.173	0.54	1.377	5.700	3.078	0.54	1.408	5.500	2.970	0.54	1.470
22	18	5.875	4.113	0.70	1.238	5.625	3.938	0.70	1.299	5.400	3.780	0.70	1.361	5.200	3.640	0.70	1.423
22	20	6.125	3.553	0.58	1.299	5.875	3.408	0.58	1.377	5.700	3.306	0.58	1.408	5.500	3.190	0.58	1.470
22	22	6.375	2.933	0.46	1.346	6.150	2.829	0.46	1.431	6.000	2.760	0.46	1.470	5.750	2.645	0.46	1.532
23	18	5.875	4.348	0.74	1.238	5.625	4.163	0.74	1.299	5.400	3.996	0.74	1.361	5.200	3.848	0.74	1.423
23	20	6.125	3.798	0.62	1.299	5.875	3.643	0.62	1.377	5.700	3.534	0.62	1.408	5.500	3.410	0.62	1.470
23	22	6.375	3.188	0.50	1.346	6.150	3.075	0.50	1.431	6.000	3.000	0.50	1.470	5.750	2.875	0.50	1.532
24	18	5.875	4.583	0.78	1.238	5.625	4.388	0.78	1.299	5.400	4.212	0.78	1.361	5.200	4.056	0.78	1.423
24	20	6.125	4.043	0.66	1.299	5.875	3.878	0.66	1.377	5.700	3.762	0.66	1.408	5.500	3.630	0.66	1.470
24	22	6.375	3.443	0.54	1.346	6.150	3.321	0.54	1.431	6.000	3.240	0.54	1.470	5.750	3.105	0.54	1.532
24	24	6.700	2.814	0.42	1.408	6.450	2.709	0.42	1.485	6.300	2.646	0.42	1.532	6.100	2.562	0.42	1.609
25	20	6.125	4.288	0.70	1.299	5.875	4.113	0.70	1.377	5.700	3.990	0.70	1.408	5.500	3.850	0.70	1.470
25	22	6.375	3.698	0.58	1.346	6.150	3.567	0.58	1.431	6.000	3.480	0.58	1.470	5.750	3.335	0.58	1.532
25	24	6.700	3.082	0.46	1.408	6.450	2.967	0.46	1.485	6.300	2.898	0.46	1.532	6.100	2.806	0.46	1.609
26	18	5.875	5.053	0.86	1.238	5.625	4.838	0.86	1.299	5.400	4.644	0.86	1.361	5.200	4.472	0.86	1.423
26	20	6.125	4.533	0.74	1.299	5.875	4.348	0.74	1.377	5.700	4.218	0.74	1.408	5.500	4.070	0.74	1.470
26	22	6.375	3.953	0.62	1.346	6.150	3.813	0.62	1.431	6.000	3.720	0.62	1.470	5.750	3.565	0.62	1.532
26	24	6.700	3.350	0.50	1.408	6.450	3.225	0.50	1.485	6.300	3.150	0.50	1.532	6.100	3.050	0.50	1.609
26	26	6.900	2.622	0.38	1.485	6.700	2.546	0.38	1.562	6.600	2.508	0.38	1.609	6.400	2.432	0.38	1.655
27	18	5.875	5.288	0.90	1.238	5.625	5.063	0.90	1.299	5.400	4.860	0.90	1.361	5.200	4.680	0.90	1.423
27	20	6.125	4.778	0.78	1.299	5.875	4.583	0.78	1.377	5.700	4.446	0.78	1.408	5.500	4.290	0.78	1.470
27	22	6.375	4.208	0.66	1.346	6.150	4.059	0.66	1.431	6.000	3.960	0.66	1.470	5.750	3.795	0.66	1.532
27	24	6.700	3.618	0.54	1.408	6.450	3.483	0.54	1.485	6.300	3.402	0.54	1.532	6.100	3.294	0.54	1.609
27	26	6.900	2.898	0.42	1.485	6.700	2.814	0.42	1.562	6.600	2.772	0.42	1.609	6.400	2.688	0.42	1.655
28	18	5.875	5.523	0.94	1.238	5.625	5.288	0.94	1.299	5.400	5.076	0.94	1.361	5.200	4.888	0.94	1.423
28	20	6.125	5.023	0.82	1.299	5.875	4.818	0.82	1.377	5.700	4.674	0.82	1.408	5.500	4.510	0.82	1.470
28	22	6.375	4.463	0.70	1.346	6.150	4.305	0.70	1.431	6.000	4.200	0.70	1.470	5.750	4.025	0.70	1.532
28	24	6.700	3.886	0.58	1.408	6.450	3.741	0.58	1.485	6.300	3.654	0.58	1.532	6.100	3.538	0.58	1.609
28	26	6.900	3.174	0.46	1.485	6.700	3.082	0.46	1.562	6.600	3.036	0.46	1.609	6.400	2.944	0.46	1.655
29	18	5.875	5.758	0.98	1.238	5.625	5.513	0.98	1.299	5.400	5.292	0.98	1.361	5.200	5.096	0.98	1.423
29	20	6.125	5.268	0.86	1.299	5.875	5.053	0.86	1.377	5.700	4.902	0.86	1.408	5.500	4.730	0.86	1.470
29	22	6.375	4.718	0.74	1.346	6.150	4.551	0.74	1.431	6.000	4.440	0.74	1.470	5.750	4.255	0.74	1.532
29	24	6.700	4.154	0.62	1.408	6.450	3.999	0.62	1.485	6.300	3.906	0.62	1.532	6.100	3.782	0.62	1.609
29	26	6.900	3.450	0.50	1.485	6.700	3.350	0.50	1.562	6.600	3.300	0.50	1.609	6.400	3.200	0.50	1.655
30	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
30	20	6.125	5.513	0.90	1.299	5.875	5.288	0.90	1.377	5.700	5.130	0.90	1.408	5.500	4.950	0.90	1.470
30	22	6.375	4.973	0.78	1.346	6.150	4.797	0.78	1.431	6.000	4.680	0.78	1.470	5.750	4.485	0.78	1.532
30	24	6.700	4.422	0.66	1.408	6.450	4.257	0.66	1.485	6.300	4.158	0.66	1.532	6.100	4.026	0.66	1.609
30	26	6.900	3.726	0.54	1.485	6.700	3.618	0.54	1.562	6.600	3.564	0.54	1.609	6.400	3.456	0.54	1.655
31	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
31	20	6.125	5.758	0.94	1.299	5.875	5.523	0.94	1.377	5.700	5.358	0.94	1.408	5.500	5.170	0.94	1.470
31	22	6.375	5.228	0.82	1.346	6.150	5.043	0.82	1.431	6.000	4.920	0.82	1.470	5.750	4.715	0.82	1.532
31	24	6.700	4.690	0.70	1.408	6.450	4.515	0.70	1.485	6.300	4.410	0.70	1.532	6.100	4.270	0.70	1.609
31	26	6.900	4.002	0.58	1.485	6.700	3.886	0.58	1.562	6.600	3.828	0.58	1.609	6.400	3.712	0.58	1.655
32	18	5.875	5.875	1.00	1.238	5.625	5.625	1.00	1.299	5.400	5.400	1.00	1.361	5.200	5.200	1.00	1.423
32	20	6.125	6.003	0.98	1.299	5.875	5.758	0.98	1.377	5.700	5.586	0.98	1.408	5.500	5.390	0.98	1.470
32	22	6.375	5.483	0.86	1.346	6.150	5.289	0.86	1.431	6.000	5.160	0.86	1.470	5.750	4.945	0.86	1.532
32	24	6.700	4.958	0.74	1.408	6.450	4.773	0.74	1.485	6.300	4.662	0.74	1.532	6.100	4.514	0.74	1.609
32	26	6.900	4.278	0.62	1.485	6.700	4.154	0.62	1.562	6.600	4.092	0.62	1.609	6.400	3.968	0.62	1.655

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM50JA(L) / SUZ-SM50VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.900	3.234	0.66	1.516	4.500	2.970	0.66	1.609	4.150	2.739	0.66	1.671
21	20	5.150	2.781	0.54	1.578	4.800	2.592	0.54	1.655	4.450	2.403	0.54	1.748
22	18	4.900	3.430	0.70	1.516	4.500	3.150	0.70	1.609	4.150	2.905	0.70	1.671
22	20	5.150	2.987	0.58	1.578	4.800	2.784	0.58	1.655	4.450	2.581	0.58	1.748
22	22	5.450	2.507	0.46	1.640	5.100	2.346	0.46	1.733	4.750	2.185	0.46	1.795
23	18	4.900	3.626	0.74	1.516	4.500	3.330	0.74	1.609	4.150	3.071	0.74	1.671
23	20	5.150	3.193	0.62	1.578	4.800	2.976	0.62	1.655	4.450	2.759	0.62	1.748
23	22	5.450	2.725	0.50	1.640	5.100	2.550	0.50	1.733	4.750	2.375	0.50	1.795
24	18	4.900	3.822	0.78	1.516	4.500	3.510	0.78	1.609	4.150	3.237	0.78	1.671
24	20	5.150	3.399	0.66	1.578	4.800	3.168	0.66	1.655	4.450	2.937	0.66	1.748
24	22	5.450	2.943	0.54	1.640	5.100	2.754	0.54	1.733	4.750	2.565	0.54	1.795
24	24	5.750	2.415	0.42	1.702	5.400	2.268	0.42	1.779	5.100	2.142	0.42	1.856
25	20	5.150	3.605	0.70	1.578	4.800	3.360	0.70	1.655	4.450	3.115	0.70	1.748
25	22	5.450	3.161	0.58	1.640	5.100	2.958	0.58	1.733	4.750	2.755	0.58	1.795
25	24	5.750	2.645	0.46	1.702	5.400	2.484	0.46	1.779	5.100	2.346	0.46	1.856
26	18	4.900	4.214	0.86	1.516	4.500	3.870	0.86	1.609	4.150	3.569	0.86	1.671
26	20	5.150	3.811	0.74	1.578	4.800	3.552	0.74	1.655	4.450	3.293	0.74	1.748
26	22	5.450	3.379	0.62	1.640	5.100	3.162	0.62	1.733	4.750	2.945	0.62	1.795
26	24	5.750	2.875	0.50	1.702	5.400	2.700	0.50	1.779	5.100	2.550	0.50	1.856
26	26	6.050	2.299	0.38	1.764	5.700	2.166	0.38	1.841	5.350	2.033	0.38	1.918
27	18	4.900	4.410	0.90	1.516	4.500	4.050	0.90	1.609	4.150	3.735	0.90	1.671
27	20	5.150	4.017	0.78	1.578	4.800	3.744	0.78	1.655	4.450	3.471	0.78	1.748
27	22	5.450	3.597	0.66	1.640	5.100	3.366	0.66	1.733	4.750	3.135	0.66	1.795
27	24	5.750	3.105	0.54	1.702	5.400	2.916	0.54	1.779	5.100	2.754	0.54	1.856
27	26	6.050	2.541	0.42	1.764	5.700	2.394	0.42	1.841	5.350	2.247	0.42	1.918
28	18	4.900	4.606	0.94	1.516	4.500	4.230	0.94	1.609	4.150	3.901	0.94	1.671
28	20	5.150	4.223	0.82	1.578	4.800	3.936	0.82	1.655	4.450	3.649	0.82	1.748
28	22	5.450	3.815	0.70	1.640	5.100	3.570	0.70	1.733	4.750	3.325	0.70	1.795
28	24	5.750	3.335	0.58	1.702	5.400	3.132	0.58	1.779	5.100	2.958	0.58	1.856
28	26	6.050	2.783	0.46	1.764	5.700	2.622	0.46	1.841	5.350	2.461	0.46	1.918
29	18	4.900	4.802	0.98	1.516	4.500	4.410	0.98	1.609	4.150	4.067	0.98	1.671
29	20	5.150	4.429	0.86	1.578	4.800	4.128	0.86	1.655	4.450	3.827	0.86	1.748
29	22	5.450	4.033	0.74	1.640	5.100	3.774	0.74	1.733	4.750	3.515	0.74	1.795
29	24	5.750	3.565	0.62	1.702	5.400	3.348	0.62	1.779	5.100	3.162	0.62	1.856
29	26	6.050	3.025	0.50	1.764	5.700	2.850	0.50	1.841	5.350	2.675	0.50	1.918
30	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
30	20	5.150	4.635	0.90	1.578	4.800	4.320	0.90	1.655	4.450	4.005	0.90	1.748
30	22	5.450	4.251	0.78	1.640	5.100	3.978	0.78	1.733	4.750	3.705	0.78	1.795
30	24	5.750	3.795	0.66	1.702	5.400	3.564	0.66	1.779	5.100	3.366	0.66	1.856
30	26	6.050	3.267	0.54	1.764	5.700	3.078	0.54	1.841	5.350	2.889	0.54	1.918
31	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
31	20	5.150	4.841	0.94	1.578	4.800	4.512	0.94	1.655	4.450	4.183	0.94	1.748
31	22	5.450	4.469	0.82	1.640	5.100	4.182	0.82	1.733	4.750	3.895	0.82	1.795
31	24	5.750	4.025	0.70	1.702	5.400	3.780	0.70	1.779	5.100	3.570	0.70	1.856
31	26	6.050	3.509	0.58	1.764	5.700	3.306	0.58	1.841	5.350	3.103	0.58	1.918
32	18	4.900	4.900	1.00	1.516	4.500	4.500	1.00	1.609	4.150	4.150	1.00	1.671
32	20	5.150	5.047	0.98	1.578	4.800	4.704	0.98	1.655	4.450	4.361	0.98	1.748
32	22	5.450	4.687	0.86	1.640	5.100	4.386	0.86	1.733	4.750	4.085	0.86	1.795
32	24	5.750	4.255	0.74	1.702	5.400	3.996	0.74	1.779	5.100	3.774	0.74	1.856
32	26	6.050	3.751	0.62	1.764	5.700	3.534	0.62	1.841	5.350	3.317	0.62	1.918

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM60JA(L) / SUZ-SM60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	7.168	4.659	0.65	1.510	6.863	4.461	0.65	1.586	6.588	4.282	0.65	1.661	6.344	4.124	0.65	1.737
21	20	7.473	3.961	0.53	1.586	7.168	3.799	0.53	1.680	6.954	3.686	0.53	1.718	6.710	3.556	0.53	1.794
22	18	7.168	4.946	0.69	1.510	6.863	4.735	0.69	1.586	6.588	4.546	0.69	1.661	6.344	4.377	0.69	1.737
22	20	7.473	4.260	0.57	1.586	7.168	4.086	0.57	1.680	6.954	3.964	0.57	1.718	6.710	3.825	0.57	1.794
22	22	7.778	3.500	0.45	1.643	7.503	3.376	0.45	1.746	7.320	3.294	0.45	1.794	7.015	3.157	0.45	1.869
23	18	7.168	5.233	0.73	1.510	6.863	5.010	0.73	1.586	6.588	4.809	0.73	1.661	6.344	4.631	0.73	1.737
23	20	7.473	4.559	0.61	1.586	7.168	4.372	0.61	1.680	6.954	4.242	0.61	1.718	6.710	4.093	0.61	1.794
23	22	7.778	3.811	0.49	1.643	7.503	3.676	0.49	1.746	7.320	3.587	0.49	1.794	7.015	3.437	0.49	1.869
24	18	7.168	5.519	0.77	1.510	6.863	5.285	0.77	1.586	6.588	5.073	0.77	1.661	6.344	4.885	0.77	1.737
24	20	7.473	4.857	0.65	1.586	7.168	4.659	0.65	1.680	6.954	4.520	0.65	1.718	6.710	4.362	0.65	1.794
24	22	7.778	4.122	0.53	1.643	7.503	3.977	0.53	1.746	7.320	3.880	0.53	1.794	7.015	3.718	0.53	1.869
24	24	8.174	3.351	0.41	1.718	7.869	3.226	0.41	1.812	7.686	3.151	0.41	1.869	7.442	3.051	0.41	1.964
25	20	7.473	5.156	0.69	1.586	7.168	4.946	0.69	1.680	6.954	4.798	0.69	1.718	6.710	4.630	0.69	1.794
25	22	7.778	4.433	0.57	1.643	7.503	4.277	0.57	1.746	7.320	4.172	0.57	1.794	7.015	3.999	0.57	1.869
25	24	8.174	3.678	0.45	1.718	7.869	3.541	0.45	1.812	7.686	3.459	0.45	1.869	7.442	3.349	0.45	1.964
26	18	7.168	6.093	0.85	1.510	6.863	5.834	0.85	1.586	6.588	5.600	0.85	1.661	6.344	5.392	0.85	1.737
26	20	7.473	5.455	0.73	1.586	7.168	5.233	0.73	1.680	6.954	5.076	0.73	1.718	6.710	4.898	0.73	1.794
26	22	7.778	4.745	0.61	1.643	7.503	4.577	0.61	1.746	7.320	4.465	0.61	1.794	7.015	4.279	0.61	1.869
26	24	8.174	4.005	0.49	1.718	7.869	3.856	0.49	1.812	7.686	3.766	0.49	1.869	7.442	3.647	0.49	1.964
26	26	8.418	3.115	0.37	1.812	8.174	3.024	0.37	1.907	8.052	2.979	0.37	1.964	7.808	2.889	0.37	2.020
27	18	7.168	6.380	0.89	1.510	6.863	6.108	0.89	1.586	6.588	5.863	0.89	1.661	6.344	5.646	0.89	1.737
27	20	7.473	5.754	0.77	1.586	7.168	5.519	0.77	1.680	6.954	5.355	0.77	1.718	6.710	5.167	0.77	1.794
27	22	7.778	5.056	0.65	1.643	7.503	4.877	0.65	1.746	7.320	4.758	0.65	1.794	7.015	4.560	0.65	1.869
27	24	8.174	4.332	0.53	1.718	7.869	4.171	0.53	1.812	7.686	4.074	0.53	1.869	7.442	3.944	0.53	1.964
27	26	8.418	3.451	0.41	1.812	8.174	3.351	0.41	1.907	8.052	3.301	0.41	1.964	7.808	3.201	0.41	2.020
28	18	7.168	6.666	0.93	1.510	6.863	6.383	0.93	1.586	6.588	6.127	0.93	1.661	6.344	5.900	0.93	1.737
28	20	7.473	6.053	0.81	1.586	7.168	5.806	0.81	1.680	6.954	5.633	0.81	1.718	6.710	5.435	0.81	1.794
28	22	7.778	5.367	0.69	1.643	7.503	5.177	0.69	1.746	7.320	5.051	0.69	1.794	7.015	4.840	0.69	1.869
28	24	8.174	4.659	0.57	1.718	7.869	4.485	0.57	1.812	7.686	4.381	0.57	1.869	7.442	4.242	0.57	1.964
28	26	8.418	3.788	0.45	1.812	8.174	3.678	0.45	1.907	8.052	3.623	0.45	1.964	7.808	3.514	0.45	2.020
29	18	7.168	6.953	0.97	1.510	6.863	6.657	0.97	1.586	6.588	6.390	0.97	1.661	6.344	6.154	0.97	1.737
29	20	7.473	6.352	0.85	1.586	7.168	6.093	0.85	1.680	6.954	5.911	0.85	1.718	6.710	5.704	0.85	1.794
29	22	7.778	5.678	0.73	1.643	7.503	5.477	0.73	1.746	7.320	5.344	0.73	1.794	7.015	5.121	0.73	1.869
29	24	8.174	4.986	0.61	1.718	7.869	4.800	0.61	1.812	7.686	4.688	0.61	1.869	7.442	4.540	0.61	1.964
29	26	8.418	4.125	0.49	1.812	8.174	4.005	0.49	1.907	8.052	3.945	0.49	1.964	7.808	3.826	0.49	2.020
30	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
30	20	7.473	6.651	0.89	1.586	7.168	6.380	0.89	1.680	6.954	6.189	0.89	1.718	6.710	5.972	0.89	1.794
30	22	7.778	5.989	0.77	1.643	7.503	5.777	0.77	1.746	7.320	5.636	0.77	1.794	7.015	5.402	0.77	1.869
30	24	8.174	5.313	0.65	1.718	7.869	5.115	0.65	1.812	7.686	4.996	0.65	1.869	7.442	4.837	0.65	1.964
30	26	8.418	4.462	0.53	1.812	8.174	4.332	0.53	1.907	8.052	4.268	0.53	1.964	7.808	4.138	0.53	2.020
31	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
31	20	7.473	6.950	0.93	1.586	7.168	6.666	0.93	1.680	6.954	6.467	0.93	1.718	6.710	6.240	0.93	1.794
31	22	7.778	6.300	0.81	1.643	7.503	6.077	0.81	1.746	7.320	5.929	0.81	1.794	7.015	5.682	0.81	1.869
31	24	8.174	5.640	0.69	1.718	7.869	5.430	0.69	1.812	7.686	5.303	0.69	1.869	7.442	5.135	0.69	1.964
31	26	8.418	4.798	0.57	1.812	8.174	4.659	0.57	1.907	8.052	4.590	0.57	1.964	7.808	4.451	0.57	2.020
32	18	7.168	7.168	1.00	1.510	6.863	6.863	1.00	1.586	6.588	6.588	1.00	1.661	6.344	6.344	1.00	1.737
32	20	7.473	7.249	0.97	1.586	7.168	6.953	0.97	1.680	6.954	6.745	0.97	1.718	6.710	6.509	0.97	1.794
32	22	7.778	6.611	0.85	1.643	7.503	6.378	0.85	1.746	7.320	6.222	0.85	1.794	7.015	5.963	0.85	1.869
32	24	8.174	5.967	0.73	1.718	7.869	5.744	0.73	1.812	7.686	5.611	0.73	1.869	7.442	5.433	0.73	1.964
32	26	8.418	5.135	0.61	1.812	8.174	4.986	0.61	1.907	8.052	4.912	0.61	1.964	7.808	4.763	0.61	2.020

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM60JA(L) / SUZ-SM60VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.978	3.886	0.65	1.850	5.490	3.569	0.65	1.964	5.063	3.291	0.65	2.039
21	20	6.283	3.330	0.53	1.926	5.856	3.104	0.53	2.020	5.429	2.877	0.53	2.133
22	18	5.978	4.125	0.69	1.850	5.490	3.788	0.69	1.964	5.063	3.493	0.69	2.039
22	20	6.283	3.581	0.57	1.926	5.856	3.338	0.57	2.020	5.429	3.095	0.57	2.133
22	22	6.649	2.992	0.45	2.001	6.222	2.800	0.45	2.115	5.795	2.608	0.45	2.190
23	18	5.978	4.364	0.73	1.850	5.490	4.008	0.73	1.964	5.063	3.696	0.73	2.039
23	20	6.283	3.833	0.61	1.926	5.856	3.572	0.61	2.020	5.429	3.312	0.61	2.133
23	22	6.649	3.258	0.49	2.001	6.222	3.049	0.49	2.115	5.795	2.840	0.49	2.190
24	18	5.978	4.603	0.77	1.850	5.490	4.227	0.77	1.964	5.063	3.899	0.77	2.039
24	20	6.283	4.084	0.65	1.926	5.856	3.806	0.65	2.020	5.429	3.529	0.65	2.133
24	22	6.649	3.524	0.53	2.001	6.222	3.298	0.53	2.115	5.795	3.071	0.53	2.190
24	24	7.015	2.876	0.41	2.077	6.588	2.701	0.41	2.171	6.222	2.551	0.41	2.266
25	20	6.283	4.335	0.69	1.926	5.856	4.041	0.69	2.020	5.429	3.746	0.69	2.133
25	22	6.649	3.790	0.57	2.001	6.222	3.547	0.57	2.115	5.795	3.303	0.57	2.190
25	24	7.015	3.157	0.45	2.077	6.588	2.965	0.45	2.171	6.222	2.800	0.45	2.266
26	18	5.978	5.081	0.85	1.850	5.490	4.667	0.85	1.964	5.063	4.304	0.85	2.039
26	20	6.283	4.587	0.73	1.926	5.856	4.275	0.73	2.020	5.429	3.963	0.73	2.133
26	22	6.649	4.056	0.61	2.001	6.222	3.795	0.61	2.115	5.795	3.535	0.61	2.190
26	24	7.015	3.437	0.49	2.077	6.588	3.228	0.49	2.171	6.222	3.049	0.49	2.266
26	26	7.381	2.731	0.37	2.152	6.954	2.573	0.37	2.247	6.527	2.415	0.37	2.341
27	18	5.978	5.320	0.89	1.850	5.490	4.886	0.89	1.964	5.063	4.506	0.89	2.039
27	20	6.283	4.838	0.77	1.926	5.856	4.509	0.77	2.020	5.429	4.180	0.77	2.133
27	22	6.649	4.322	0.65	2.001	6.222	4.044	0.65	2.115	5.795	3.767	0.65	2.190
27	24	7.015	3.718	0.53	2.077	6.588	3.492	0.53	2.171	6.222	3.298	0.53	2.266
27	26	7.381	3.026	0.41	2.152	6.954	2.851	0.41	2.247	6.527	2.676	0.41	2.341
28	18	5.978	5.560	0.93	1.850	5.490	5.106	0.93	1.964	5.063	4.709	0.93	2.039
28	20	6.283	5.089	0.81	1.926	5.856	4.743	0.81	2.020	5.429	4.397	0.81	2.133
28	22	6.649	4.588	0.69	2.001	6.222	4.293	0.69	2.115	5.795	3.999	0.69	2.190
28	24	7.015	3.999	0.57	2.077	6.588	3.755	0.57	2.171	6.222	3.547	0.57	2.266
28	26	7.381	3.321	0.45	2.152	6.954	3.129	0.45	2.247	6.527	2.937	0.45	2.341
29	18	5.978	5.799	0.97	1.850	5.490	5.325	0.97	1.964	5.063	4.911	0.97	2.039
29	20	6.283	5.341	0.85	1.926	5.856	4.978	0.85	2.020	5.429	4.615	0.85	2.133
29	22	6.649	4.854	0.73	2.001	6.222	4.542	0.73	2.115	5.795	4.230	0.73	2.190
29	24	7.015	4.279	0.61	2.077	6.588	4.019	0.61	2.171	6.222	3.795	0.61	2.266
29	26	7.381	3.617	0.49	2.152	6.954	3.407	0.49	2.247	6.527	3.198	0.49	2.341
30	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
30	20	6.283	5.592	0.89	1.926	5.856	5.212	0.89	2.020	5.429	4.832	0.89	2.133
30	22	6.649	5.120	0.77	2.001	6.222	4.791	0.77	2.115	5.795	4.462	0.77	2.190
30	24	7.015	4.560	0.65	2.077	6.588	4.282	0.65	2.171	6.222	4.044	0.65	2.266
30	26	7.381	3.912	0.53	2.152	6.954	3.686	0.53	2.247	6.527	3.459	0.53	2.341
31	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
31	20	6.283	5.843	0.93	1.926	5.856	5.446	0.93	2.020	5.429	5.049	0.93	2.133
31	22	6.649	5.386	0.81	2.001	6.222	5.040	0.81	2.115	5.795	4.694	0.81	2.190
31	24	7.015	4.840	0.69	2.077	6.588	4.546	0.69	2.171	6.222	4.293	0.69	2.266
31	26	7.381	4.207	0.57	2.152	6.954	3.964	0.57	2.247	6.527	3.720	0.57	2.341
32	18	5.978	5.978	1.00	1.850	5.490	5.490	1.00	1.964	5.063	5.063	1.00	2.039
32	20	6.283	6.095	0.97	1.926	5.856	5.680	0.97	2.020	5.429	5.266	0.97	2.133
32	22	6.649	5.652	0.85	2.001	6.222	5.289	0.85	2.115	5.795	4.926	0.85	2.190
32	24	7.015	5.121	0.73	2.077	6.588	4.809	0.73	2.171	6.222	4.542	0.73	2.266
32	26	7.381	4.502	0.61	2.152	6.954	4.242	0.61	2.247	6.527	3.981	0.61	2.341

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.423	0.65	1.664	7.988	5.192	0.65	1.747	7.668	4.984	0.65	1.830	7.384	4.800	0.65	1.914
21	20	8.698	4.610	0.53	1.747	8.343	4.422	0.53	1.851	8.094	4.290	0.53	1.893	7.810	4.139	0.53	1.976
22	18	8.343	5.756	0.69	1.664	7.988	5.511	0.69	1.747	7.668	5.291	0.69	1.830	7.384	5.095	0.69	1.914
22	20	8.698	4.958	0.57	1.747	8.343	4.755	0.57	1.851	8.094	4.614	0.57	1.893	7.810	4.452	0.57	1.976
22	22	9.053	4.074	0.45	1.810	8.733	3.930	0.45	1.924	8.520	3.834	0.45	1.976	8.165	3.674	0.45	2.059
23	18	8.343	6.090	0.73	1.664	7.988	5.831	0.73	1.747	7.668	5.598	0.73	1.830	7.384	5.390	0.73	1.914
23	20	8.698	5.305	0.61	1.747	8.343	5.089	0.61	1.851	8.094	4.937	0.61	1.893	7.810	4.764	0.61	1.976
23	22	9.053	4.436	0.49	1.810	8.733	4.279	0.49	1.924	8.520	4.175	0.49	1.976	8.165	4.001	0.49	2.059
24	18	8.343	6.424	0.77	1.664	7.988	6.150	0.77	1.747	7.668	5.904	0.77	1.830	7.384	5.686	0.77	1.914
24	20	8.698	5.653	0.65	1.747	8.343	5.423	0.65	1.851	8.094	5.261	0.65	1.893	7.810	5.077	0.65	1.976
24	22	9.053	4.798	0.53	1.810	8.733	4.628	0.53	1.924	8.520	4.516	0.53	1.976	8.165	4.327	0.53	2.059
24	24	9.514	3.901	0.41	1.893	9.159	3.755	0.41	1.997	8.946	3.668	0.41	2.059	8.662	3.551	0.41	2.163
25	20	8.698	6.001	0.69	1.747	8.343	5.756	0.69	1.851	8.094	5.585	0.69	1.893	7.810	5.389	0.69	1.976
25	22	9.053	5.160	0.57	1.810	8.733	4.978	0.57	1.924	8.520	4.856	0.57	1.976	8.165	4.654	0.57	2.059
25	24	9.514	4.281	0.45	1.893	9.159	4.122	0.45	1.997	8.946	4.026	0.45	2.059	8.662	3.898	0.45	2.163
26	18	8.343	7.091	0.85	1.664	7.988	6.789	0.85	1.747	7.668	6.518	0.85	1.830	7.384	6.276	0.85	1.914
26	20	8.698	6.349	0.73	1.747	8.343	6.090	0.73	1.851	8.094	5.909	0.73	1.893	7.810	5.701	0.73	1.976
26	22	9.053	5.522	0.61	1.810	8.733	5.327	0.61	1.924	8.520	5.197	0.61	1.976	8.165	4.981	0.61	2.059
26	24	9.514	4.662	0.49	1.893	9.159	4.488	0.49	1.997	8.946	4.384	0.49	2.059	8.662	4.244	0.49	2.163
26	26	9.798	3.625	0.37	1.997	9.514	3.520	0.37	2.101	9.372	3.468	0.37	2.163	9.088	3.363	0.37	2.226
27	18	8.343	7.425	0.89	1.664	7.988	7.109	0.89	1.747	7.668	6.825	0.89	1.830	7.384	6.572	0.89	1.914
27	20	8.698	6.697	0.77	1.747	8.343	6.424	0.77	1.851	8.094	6.232	0.77	1.893	7.810	6.014	0.77	1.976
27	22	9.053	5.884	0.65	1.810	8.733	5.676	0.65	1.924	8.520	5.538	0.65	1.976	8.165	5.307	0.65	2.059
27	24	9.514	5.042	0.53	1.893	9.159	4.854	0.53	1.997	8.946	4.741	0.53	2.059	8.662	4.591	0.53	2.163
27	26	9.798	4.017	0.41	1.997	9.514	3.901	0.41	2.101	9.372	3.843	0.41	2.163	9.088	3.726	0.41	2.226
28	18	8.343	7.759	0.93	1.664	7.988	7.428	0.93	1.747	7.668	7.131	0.93	1.830	7.384	6.867	0.93	1.914
28	20	8.698	7.045	0.81	1.747	8.343	6.757	0.81	1.851	8.094	6.556	0.81	1.893	7.810	6.326	0.81	1.976
28	22	9.053	6.246	0.69	1.810	8.733	6.026	0.69	1.924	8.520	5.879	0.69	1.976	8.165	5.634	0.69	2.059
28	24	9.514	5.423	0.57	1.893	9.159	5.221	0.57	1.997	8.946	5.099	0.57	2.059	8.662	4.937	0.57	2.163
28	26	9.798	4.409	0.45	1.997	9.514	4.281	0.45	2.101	9.372	4.217	0.45	2.163	9.088	4.090	0.45	2.226
29	18	8.343	8.092	0.97	1.664	7.988	7.748	0.97	1.747	7.668	7.438	0.97	1.830	7.384	7.162	0.97	1.914
29	20	8.698	7.393	0.85	1.747	8.343	7.091	0.85	1.851	8.094	6.880	0.85	1.893	7.810	6.639	0.85	1.976
29	22	9.053	6.608	0.73	1.810	8.733	6.375	0.73	1.924	8.520	6.220	0.73	1.976	8.165	5.960	0.73	2.059
29	24	9.514	5.804	0.61	1.893	9.159	5.587	0.61	1.997	8.946	5.457	0.61	2.059	8.662	5.284	0.61	2.163
29	26	9.798	4.801	0.49	1.997	9.514	4.662	0.49	2.101	9.372	4.592	0.49	2.163	9.088	4.453	0.49	2.226
30	18	8.343	8.426	1.01	1.664	7.988	8.067	1.01	1.747	7.668	7.745	1.01	1.830	7.384	7.458	1.01	1.914
30	20	8.698	7.741	0.89	1.747	8.343	7.425	0.89	1.851	8.094	7.204	0.89	1.893	7.810	6.951	0.89	1.976
30	22	9.053	6.970	0.77	1.810	8.733	6.724	0.77	1.924	8.520	6.560	0.77	1.976	8.165	6.287	0.77	2.059
30	24	9.514	6.184	0.65	1.893	9.159	5.953	0.65	1.997	8.946	5.815	0.65	2.059	8.662	5.630	0.65	2.163
30	26	9.798	5.193	0.53	1.997	9.514	5.042	0.53	2.101	9.372	4.967	0.53	2.163	9.088	4.817	0.53	2.226
31	18	8.343	8.760	1.05	1.664	7.988	8.387	1.05	1.747	7.668	8.051	1.05	1.830	7.384	7.753	1.05	1.914
31	20	8.698	8.089	0.93	1.747	8.343	7.759	0.93	1.851	8.094	7.527	0.93	1.893	7.810	7.263	0.93	1.976
31	22	9.053	7.333	0.81	1.810	8.733	7.074	0.81	1.924	8.520	6.901	0.81	1.976	8.165	6.614	0.81	2.059
31	24	9.514	6.565	0.69	1.893	9.159	6.320	0.69	1.997	8.946	6.173	0.69	2.059	8.662	5.977	0.69	2.163
31	26	9.798	5.585	0.57	1.997	9.514	5.423	0.57	2.101	9.372	5.342	0.57	2.163	9.088	5.180	0.57	2.226
32	18	8.343	9.093	1.09	1.664	7.988	8.706	1.09	1.747	7.668	8.358	1.09	1.830	7.384	8.049	1.09	1.914
32	20	8.698	8.437	0.97	1.747	8.343	8.092	0.97	1.851	8.094	7.851	0.97	1.893	7.810	7.576	0.97	1.976
32	22	9.053	7.695	0.85	1.810	8.733	7.423	0.85	1.924	8.520	7.242	0.85	1.976	8.165	6.940	0.85	2.059
32	24	9.514	6.945	0.73	1.893	9.159	6.686	0.73	1.997	8.946	6.531	0.73	2.059	8.662	6.323	0.73	2.163
32	26	9.798	5.977	0.61	1.997	9.514	5.804	0.61	2.101	9.372	5.717	0.61	2.163	9.088	5.544	0.61	2.226

CEILING-
CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.523	0.65	2.038	6.390	4.154	0.65	2.163	5.893	3.830	0.65	2.246
21	20	7.313	3.876	0.53	2.122	6.816	3.612	0.53	2.226	6.319	3.349	0.53	2.350
22	18	6.958	4.801	0.69	2.038	6.390	4.409	0.69	2.163	5.893	4.066	0.69	2.246
22	20	7.313	4.168	0.57	2.122	6.816	3.885	0.57	2.226	6.319	3.602	0.57	2.350
22	22	7.739	3.483	0.45	2.205	7.242	3.259	0.45	2.330	6.745	3.035	0.45	2.413
23	18	6.958	5.079	0.73	2.038	6.390	4.665	0.73	2.163	5.893	4.302	0.73	2.246
23	20	7.313	4.461	0.61	2.122	6.816	4.158	0.61	2.226	6.319	3.855	0.61	2.350
23	22	7.739	3.792	0.49	2.205	7.242	3.549	0.49	2.330	6.745	3.305	0.49	2.413
24	18	6.958	5.358	0.77	2.038	6.390	4.920	0.77	2.163	5.893	4.538	0.77	2.246
24	20	7.313	4.753	0.65	2.122	6.816	4.430	0.65	2.226	6.319	4.107	0.65	2.350
24	22	7.739	4.102	0.53	2.205	7.242	3.838	0.53	2.330	6.745	3.575	0.53	2.413
24	24	8.165	3.348	0.41	2.288	7.668	3.144	0.41	2.392	7.242	2.969	0.41	2.496
25	20	7.313	5.046	0.69	2.122	6.816	4.703	0.69	2.226	6.319	4.360	0.69	2.350
25	22	7.739	4.411	0.57	2.205	7.242	4.128	0.57	2.330	6.745	3.845	0.57	2.413
25	24	8.165	3.674	0.45	2.288	7.668	3.451	0.45	2.392	7.242	3.259	0.45	2.496
26	18	6.958	5.914	0.85	2.038	6.390	5.432	0.85	2.163	5.893	5.009	0.85	2.246
26	20	7.313	5.338	0.73	2.122	6.816	4.976	0.73	2.226	6.319	4.613	0.73	2.350
26	22	7.739	4.721	0.61	2.205	7.242	4.418	0.61	2.330	6.745	4.114	0.61	2.413
26	24	8.165	4.001	0.49	2.288	7.668	3.757	0.49	2.392	7.242	3.549	0.49	2.496
26	26	8.591	3.179	0.37	2.371	8.094	2.995	0.37	2.475	7.597	2.811	0.37	2.579
27	18	6.958	6.193	0.89	2.038	6.390	5.687	0.89	2.163	5.893	5.245	0.89	2.246
27	20	7.313	5.631	0.77	2.122	6.816	5.248	0.77	2.226	6.319	4.866	0.77	2.350
27	22	7.739	5.030	0.65	2.205	7.242	4.707	0.65	2.330	6.745	4.384	0.65	2.413
27	24	8.165	4.327	0.53	2.288	7.668	4.064	0.53	2.392	7.242	3.838	0.53	2.496
27	26	8.591	3.522	0.41	2.371	8.094	3.319	0.41	2.475	7.597	3.115	0.41	2.579
28	18	6.958	6.471	0.93	2.038	6.390	5.943	0.93	2.163	5.893	5.480	0.93	2.246
28	20	7.313	5.924	0.81	2.122	6.816	5.521	0.81	2.226	6.319	5.118	0.81	2.350
28	22	7.739	5.340	0.69	2.205	7.242	4.997	0.69	2.330	6.745	4.654	0.69	2.413
28	24	8.165	4.654	0.57	2.288	7.668	4.371	0.57	2.392	7.242	4.128	0.57	2.496
28	26	8.591	3.866	0.45	2.371	8.094	3.642	0.45	2.475	7.597	3.419	0.45	2.579
29	18	6.958	6.749	0.97	2.038	6.390	6.198	0.97	2.163	5.893	5.716	0.97	2.246
29	20	7.313	6.216	0.85	2.122	6.816	5.794	0.85	2.226	6.319	5.371	0.85	2.350
29	22	7.739	5.649	0.73	2.205	7.242	5.287	0.73	2.330	6.745	4.924	0.73	2.413
29	24	8.165	4.981	0.61	2.288	7.668	4.677	0.61	2.392	7.242	4.418	0.61	2.496
29	26	8.591	4.210	0.49	2.371	8.094	3.966	0.49	2.475	7.597	3.723	0.49	2.579
30	18	6.958	7.028	1.01	2.038	6.390	6.454	1.01	2.163	5.893	5.952	1.01	2.246
30	20	7.313	6.509	0.89	2.122	6.816	6.066	0.89	2.226	6.319	5.624	0.89	2.350
30	22	7.739	5.959	0.77	2.205	7.242	5.576	0.77	2.330	6.745	5.194	0.77	2.413
30	24	8.165	5.307	0.65	2.288	7.668	4.984	0.65	2.392	7.242	4.707	0.65	2.496
30	26	8.591	4.553	0.53	2.371	8.094	4.290	0.53	2.475	7.597	4.026	0.53	2.579
31	18	6.958	7.306	1.05	2.038	6.390	6.710	1.05	2.163	5.893	6.188	1.05	2.246
31	20	7.313	6.801	0.93	2.122	6.816	6.339	0.93	2.226	6.319	5.877	0.93	2.350
31	22	7.739	6.269	0.81	2.205	7.242	5.866	0.81	2.330	6.745	5.463	0.81	2.413
31	24	8.165	5.634	0.69	2.288	7.668	5.291	0.69	2.392	7.242	4.997	0.69	2.496
31	26	8.591	4.897	0.57	2.371	8.094	4.614	0.57	2.475	7.597	4.330	0.57	2.579
32	18	6.958	7.584	1.09	2.038	6.390	6.965	1.09	2.163	5.893	6.423	1.09	2.246
32	20	7.313	7.094	0.97	2.122	6.816	6.612	0.97	2.226	6.319	6.129	0.97	2.350
32	22	7.739	6.578	0.85	2.205	7.242	6.156	0.85	2.330	6.745	5.733	0.85	2.413
32	24	8.165	5.960	0.73	2.288	7.668	5.598	0.73	2.392	7.242	5.287	0.73	2.496
32	26	8.591	5.241	0.61	2.371	8.094	4.937	0.61	2.475	7.597	4.634	0.61	2.579

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JAL / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C															
		21				25				27				30			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	8.343	5.423	0.65	1.664	7.988	5.192	0.65	1.747	7.668	4.984	0.65	1.830	7.384	4.800	0.65	1.914
21	20	8.698	4.610	0.53	1.747	8.343	4.422	0.53	1.851	8.094	4.290	0.53	1.893	7.810	4.139	0.53	1.976
22	18	8.343	5.756	0.69	1.664	7.988	5.511	0.69	1.747	7.668	5.291	0.69	1.830	7.384	5.095	0.69	1.914
22	20	8.698	4.958	0.57	1.747	8.343	4.755	0.57	1.851	8.094	4.614	0.57	1.893	7.810	4.452	0.57	1.976
22	22	9.053	4.074	0.45	1.810	8.733	3.930	0.45	1.924	8.520	3.834	0.45	1.976	8.165	3.674	0.45	2.059
23	18	8.343	6.090	0.73	1.664	7.988	5.831	0.73	1.747	7.668	5.598	0.73	1.830	7.384	5.390	0.73	1.914
23	20	8.698	5.305	0.61	1.747	8.343	5.089	0.61	1.851	8.094	4.937	0.61	1.893	7.810	4.764	0.61	1.976
23	22	9.053	4.436	0.49	1.810	8.733	4.279	0.49	1.924	8.520	4.175	0.49	1.976	8.165	4.001	0.49	2.059
24	18	8.343	6.424	0.77	1.664	7.988	6.150	0.77	1.747	7.668	5.904	0.77	1.830	7.384	5.686	0.77	1.914
24	20	8.698	5.653	0.65	1.747	8.343	5.423	0.65	1.851	8.094	5.261	0.65	1.893	7.810	5.077	0.65	1.976
24	22	9.053	4.798	0.53	1.810	8.733	4.628	0.53	1.924	8.520	4.516	0.53	1.976	8.165	4.327	0.53	2.059
24	24	9.514	3.901	0.41	1.893	9.159	3.755	0.41	1.997	8.946	3.668	0.41	2.059	8.662	3.551	0.41	2.163
25	20	8.698	6.001	0.69	1.747	8.343	5.756	0.69	1.851	8.094	5.585	0.69	1.893	7.810	5.389	0.69	1.976
25	22	9.053	5.160	0.57	1.810	8.733	4.978	0.57	1.924	8.520	4.856	0.57	1.976	8.165	4.654	0.57	2.059
25	24	9.514	4.281	0.45	1.893	9.159	4.122	0.45	1.997	8.946	4.026	0.45	2.059	8.662	3.898	0.45	2.163
26	18	8.343	7.091	0.85	1.664	7.988	6.789	0.85	1.747	7.668	6.518	0.85	1.830	7.384	6.276	0.85	1.914
26	20	8.698	6.349	0.73	1.747	8.343	6.090	0.73	1.851	8.094	5.909	0.73	1.893	7.810	5.701	0.73	1.976
26	22	9.053	5.522	0.61	1.810	8.733	5.327	0.61	1.924	8.520	5.197	0.61	1.976	8.165	4.981	0.61	2.059
26	24	9.514	4.662	0.49	1.893	9.159	4.488	0.49	1.997	8.946	4.384	0.49	2.059	8.662	4.244	0.49	2.163
26	26	9.798	3.625	0.37	1.997	9.514	3.520	0.37	2.101	9.372	3.468	0.37	2.163	9.088	3.363	0.37	2.226
27	18	8.343	7.425	0.89	1.664	7.988	7.109	0.89	1.747	7.668	6.825	0.89	1.830	7.384	6.572	0.89	1.914
27	20	8.698	6.697	0.77	1.747	8.343	6.424	0.77	1.851	8.094	6.232	0.77	1.893	7.810	6.014	0.77	1.976
27	22	9.053	5.884	0.65	1.810	8.733	5.676	0.65	1.924	8.520	5.538	0.65	1.976	8.165	5.307	0.65	2.059
27	24	9.514	5.042	0.53	1.893	9.159	4.854	0.53	1.997	8.946	4.741	0.53	2.059	8.662	4.591	0.53	2.163
27	26	9.798	4.017	0.41	1.997	9.514	3.901	0.41	2.101	9.372	3.843	0.41	2.163	9.088	3.726	0.41	2.226
28	18	8.343	7.759	0.93	1.664	7.988	7.428	0.93	1.747	7.668	7.131	0.93	1.830	7.384	6.867	0.93	1.914
28	20	8.698	7.045	0.81	1.747	8.343	6.757	0.81	1.851	8.094	6.556	0.81	1.893	7.810	6.326	0.81	1.976
28	22	9.053	6.246	0.69	1.810	8.733	6.026	0.69	1.924	8.520	5.879	0.69	1.976	8.165	5.634	0.69	2.059
28	24	9.514	5.423	0.57	1.893	9.159	5.221	0.57	1.997	8.946	5.099	0.57	2.059	8.662	4.937	0.57	2.163
28	26	9.798	4.409	0.45	1.997	9.514	4.281	0.45	2.101	9.372	4.217	0.45	2.163	9.088	4.090	0.45	2.226
29	18	8.343	8.092	0.97	1.664	7.988	7.748	0.97	1.747	7.668	7.438	0.97	1.830	7.384	7.162	0.97	1.914
29	20	8.698	7.393	0.85	1.747	8.343	7.091	0.85	1.851	8.094	6.880	0.85	1.893	7.810	6.639	0.85	1.976
29	22	9.053	6.608	0.73	1.810	8.733	6.375	0.73	1.924	8.520	6.220	0.73	1.976	8.165	5.960	0.73	2.059
29	24	9.514	5.804	0.61	1.893	9.159	5.587	0.61	1.997	8.946	5.457	0.61	2.059	8.662	5.284	0.61	2.163
29	26	9.798	4.801	0.49	1.997	9.514	4.662	0.49	2.101	9.372	4.592	0.49	2.163	9.088	4.453	0.49	2.226
30	18	8.343	8.426	1.01	1.664	7.988	8.067	1.01	1.747	7.668	7.745	1.01	1.830	7.384	7.458	1.01	1.914
30	20	8.698	7.741	0.89	1.747	8.343	7.425	0.89	1.851	8.094	7.204	0.89	1.893	7.810	6.951	0.89	1.976
30	22	9.053	6.970	0.77	1.810	8.733	6.724	0.77	1.924	8.520	6.560	0.77	1.976	8.165	6.287	0.77	2.059
30	24	9.514	6.184	0.65	1.893	9.159	5.953	0.65	1.997	8.946	5.815	0.65	2.059	8.662	5.630	0.65	2.163
30	26	9.798	5.193	0.53	1.997	9.514	5.042	0.53	2.101	9.372	4.967	0.53	2.163	9.088	4.817	0.53	2.226
31	18	8.343	8.760	1.05	1.664	7.988	8.387	1.05	1.747	7.668	8.051	1.05	1.830	7.384	7.753	1.05	1.914
31	20	8.698	8.089	0.93	1.747	8.343	7.759	0.93	1.851	8.094	7.527	0.93	1.893	7.810	7.263	0.93	1.976
31	22	9.053	7.333	0.81	1.810	8.733	7.074	0.81	1.924	8.520	6.901	0.81	1.976	8.165	6.614	0.81	2.059
31	24	9.514	6.565	0.69	1.893	9.159	6.320	0.69	1.997	8.946	6.173	0.69	2.059	8.662	5.977	0.69	2.163
31	26	9.798	5.585	0.57	1.997	9.514	5.423	0.57	2.101	9.372	5.342	0.57	2.163	9.088	5.180	0.57	2.226
32	18	8.343	9.093	1.09	1.664	7.988	8.706	1.09	1.747	7.668	8.358	1.09	1.830	7.384	8.049	1.09	1.914
32	20	8.698	8.437	0.97	1.747	8.343	8.092	0.97	1.851	8.094	7.851	0.97	1.893	7.810	7.576	0.97	1.976
32	22	9.053	7.695	0.85	1.810	8.733	7.423	0.85	1.924	8.520	7.242	0.85	1.976	8.165	6.940	0.85	2.059
32	24	9.514	6.945	0.73	1.893	9.159	6.686	0.73	1.997	8.946	6.531	0.73	2.059	8.662	6.323	0.73	2.163
32	26	9.798	5.977	0.61	1.997	9.514	5.804	0.61	2.101	9.372	5.717	0.61	2.163	9.088	5.544	0.61	2.226

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JAL / SUZ-SM71VA

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.523	0.65	2.038	6.390	4.154	0.65	2.163	5.893	3.830	0.65	2.246
21	20	7.313	3.876	0.53	2.122	6.816	3.612	0.53	2.226	6.319	3.349	0.53	2.350
22	18	6.958	4.801	0.69	2.038	6.390	4.409	0.69	2.163	5.893	4.066	0.69	2.246
22	20	7.313	4.168	0.57	2.122	6.816	3.885	0.57	2.226	6.319	3.602	0.57	2.350
22	22	7.739	3.483	0.45	2.205	7.242	3.259	0.45	2.330	6.745	3.035	0.45	2.413
23	18	6.958	5.079	0.73	2.038	6.390	4.665	0.73	2.163	5.893	4.302	0.73	2.246
23	20	7.313	4.461	0.61	2.122	6.816	4.158	0.61	2.226	6.319	3.855	0.61	2.350
23	22	7.739	3.792	0.49	2.205	7.242	3.549	0.49	2.330	6.745	3.305	0.49	2.413
24	18	6.958	5.358	0.77	2.038	6.390	4.920	0.77	2.163	5.893	4.538	0.77	2.246
24	20	7.313	4.753	0.65	2.122	6.816	4.430	0.65	2.226	6.319	4.107	0.65	2.350
24	22	7.739	4.102	0.53	2.205	7.242	3.838	0.53	2.330	6.745	3.575	0.53	2.413
24	24	8.165	3.348	0.41	2.288	7.668	3.144	0.41	2.392	7.242	2.969	0.41	2.496
25	20	7.313	5.046	0.69	2.122	6.816	4.703	0.69	2.226	6.319	4.360	0.69	2.350
25	22	7.739	4.411	0.57	2.205	7.242	4.128	0.57	2.330	6.745	3.845	0.57	2.413
25	24	8.165	3.674	0.45	2.288	7.668	3.451	0.45	2.392	7.242	3.259	0.45	2.496
26	18	6.958	5.914	0.85	2.038	6.390	5.432	0.85	2.163	5.893	5.009	0.85	2.246
26	20	7.313	5.338	0.73	2.122	6.816	4.976	0.73	2.226	6.319	4.613	0.73	2.350
26	22	7.739	4.721	0.61	2.205	7.242	4.418	0.61	2.330	6.745	4.114	0.61	2.413
26	24	8.165	4.001	0.49	2.288	7.668	3.757	0.49	2.392	7.242	3.549	0.49	2.496
26	26	8.591	3.179	0.37	2.371	8.094	2.995	0.37	2.475	7.597	2.811	0.37	2.579
27	18	6.958	6.193	0.89	2.038	6.390	5.687	0.89	2.163	5.893	5.245	0.89	2.246
27	20	7.313	5.631	0.77	2.122	6.816	5.248	0.77	2.226	6.319	4.866	0.77	2.350
27	22	7.739	5.030	0.65	2.205	7.242	4.707	0.65	2.330	6.745	4.384	0.65	2.413
27	24	8.165	4.327	0.53	2.288	7.668	4.064	0.53	2.392	7.242	3.838	0.53	2.496
27	26	8.591	3.522	0.41	2.371	8.094	3.319	0.41	2.475	7.597	3.115	0.41	2.579
28	18	6.958	6.471	0.93	2.038	6.390	5.943	0.93	2.163	5.893	5.480	0.93	2.246
28	20	7.313	5.924	0.81	2.122	6.816	5.521	0.81	2.226	6.319	5.118	0.81	2.350
28	22	7.739	5.340	0.69	2.205	7.242	4.997	0.69	2.330	6.745	4.654	0.69	2.413
28	24	8.165	4.654	0.57	2.288	7.668	4.371	0.57	2.392	7.242	4.128	0.57	2.496
28	26	8.591	3.866	0.45	2.371	8.094	3.642	0.45	2.475	7.597	3.419	0.45	2.579
29	18	6.958	6.749	0.97	2.038	6.390	6.198	0.97	2.163	5.893	5.716	0.97	2.246
29	20	7.313	6.216	0.85	2.122	6.816	5.794	0.85	2.226	6.319	5.371	0.85	2.350
29	22	7.739	5.649	0.73	2.205	7.242	5.287	0.73	2.330	6.745	4.924	0.73	2.413
29	24	8.165	4.981	0.61	2.288	7.668	4.677	0.61	2.392	7.242	4.418	0.61	2.496
29	26	8.591	4.210	0.49	2.371	8.094	3.966	0.49	2.475	7.597	3.723	0.49	2.579
30	18	6.958	7.028	1.01	2.038	6.390	6.454	1.01	2.163	5.893	5.952	1.01	2.246
30	20	7.313	6.509	0.89	2.122	6.816	6.066	0.89	2.226	6.319	5.624	0.89	2.350
30	22	7.739	5.959	0.77	2.205	7.242	5.576	0.77	2.330	6.745	5.194	0.77	2.413
30	24	8.165	5.307	0.65	2.288	7.668	4.984	0.65	2.392	7.242	4.707	0.65	2.496
30	26	8.591	4.553	0.53	2.371	8.094	4.290	0.53	2.475	7.597	4.026	0.53	2.579
31	18	6.958	7.306	1.05	2.038	6.390	6.710	1.05	2.163	5.893	6.188	1.05	2.246
31	20	7.313	6.801	0.93	2.122	6.816	6.339	0.93	2.226	6.319	5.877	0.93	2.350
31	22	7.739	6.269	0.81	2.205	7.242	5.866	0.81	2.330	6.745	5.463	0.81	2.413
31	24	8.165	5.634	0.69	2.288	7.668	5.291	0.69	2.392	7.242	4.997	0.69	2.496
31	26	8.591	4.897	0.57	2.371	8.094	4.614	0.57	2.475	7.597	4.330	0.57	2.579
32	18	6.958	7.584	1.09	2.038	6.390	6.965	1.09	2.163	5.893	6.423	1.09	2.246
32	20	7.313	7.094	0.97	2.122	6.816	6.612	0.97	2.226	6.319	6.129	0.97	2.350
32	22	7.739	6.578	0.85	2.205	7.242	6.156	0.85	2.330	6.745	5.733	0.85	2.413
32	24	8.165	5.960	0.73	2.288	7.668	5.598	0.73	2.392	7.242	5.287	0.73	2.496
32	26	8.591	5.241	0.61	2.371	8.094	4.937	0.61	2.475	7.597	4.634	0.61	2.579

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

HEATING CAPACITY
PEA-M•LA / PUZ-M•YKA2

Slim Standard

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEA-M200LA	15	14.224	3.887	15.456	4.282	17.248	4.941	22.624	5.929	25.536	6.588	28.448	7.115
	20	13.664	4.216	14.784	4.612	16.352	5.336	21.840	6.390	24.640	7.115	27.440	7.642
	25	13.216	4.480	14.336	5.007	15.680	5.797	20.608	6.786	23.744	7.609	26.432	8.202
PEA-M250LA	15	17.145	4.827	18.630	5.318	20.790	6.136	27.270	7.363	30.780	8.181	34.290	8.835
	20	16.470	5.236	17.820	5.727	19.710	6.627	26.325	7.936	29.700	8.835	33.075	9.490
	25	15.930	5.563	17.280	6.218	18.900	7.199	24.840	8.426	28.620	9.449	31.860	10.185

PEAD-SM•JA(L) / SUZ-SM•VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM35JA(L)	15	2.050	0.575	2.583	0.718	3.116	0.862	3.649	0.972	4.182	1.050	4.715	1.116	5.207	1.149	5.740	1.171
	21	1.927	0.612	2.460	0.774	2.952	0.917	3.485	1.017	3.977	1.094	4.510	1.149	5.002	1.182	5.515	1.227
	26	1.681	0.663	2.214	0.829	2.747	0.972	3.239	1.072	3.772	1.149	4.305	1.204	4.797	1.238	5.330	1.271
PEAD-SM50JA(L)	15	3.000	0.841	3.780	1.051	4.560	1.261	5.340	1.423	6.120	1.536	6.900	1.633	7.620	1.682	8.400	1.714
	21	2.820	0.896	3.600	1.132	4.320	1.342	5.100	1.488	5.820	1.601	6.600	1.682	7.320	1.730	8.070	1.795
	26	2.460	0.970	3.240	1.213	4.020	1.423	4.740	1.568	5.520	1.682	6.300	1.763	7.020	1.811	7.800	1.860
PEAD-SM60JA(L)	15	3.500	0.981	4.410	1.226	5.320	1.471	6.230	1.660	7.140	1.792	8.050	1.905	8.890	1.961	9.800	1.999
	21	3.290	1.045	4.200	1.320	5.040	1.565	5.950	1.735	6.790	1.867	7.700	1.961	8.540	2.018	9.415	2.093
	26	2.870	1.132	3.780	1.415	4.690	1.660	5.530	1.829	6.440	1.961	7.350	2.056	8.190	2.112	9.100	2.169
PEAD-SM71JA(L)	15	4.000	1.149	5.040	1.437	6.080	1.724	7.120	1.945	8.160	2.100	9.200	2.232	10.160	2.298	11.200	2.343
	21	3.760	1.224	4.800	1.547	5.760	1.834	6.800	2.033	7.760	2.188	8.800	2.298	9.760	2.365	10.760	2.453
	26	3.280	1.326	4.320	1.658	5.360	1.945	6.320	2.144	7.360	2.298	8.400	2.409	9.360	2.475	10.400	2.542

CEILING-CONCEALED

PERFORMANCE DATA

PEAD-SM•JA(L) / PUZ-SM•VA

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)	CA (kW)	P.C. (kW)
PEAD-SM100JA(L)	15	7.112	1.78	7.728	1.96	8.624	2.27	11.312	2.72	12.768	3.02	14.224	3.26	5.207	1.149	5.740	1.171
	20	6.832	1.93	7.392	2.11	8.176	2.45	10.920	2.93	12.320	3.26	13.720	3.50	5.002	1.182	5.515	1.227
	25	6.608	2.05	7.168	2.30	7.840	2.66	10.304	3.11	11.872	3.49	13.216	3.76	4.797	1.238	5.330	1.271
PEAD-SM125JA(L)	15	8.573	2.27	9.315	2.50	10.395	2.89	13.635	3.47	15.390	3.85	17.145	4.16	7.620	1.682	8.400	1.714
	20	8.235	2.46	8.910	2.70	9.855	3.12	13.163	3.73	14.850	4.16	16.538	4.47	7.320	1.730	8.070	1.795
	25	7.965	2.62	8.640	2.93	9.450	3.39	12.420	3.97	14.310	4.45	15.930	4.79	7.020	1.811	7.800	1.860
PEAD-SM140JA(L)	15	9.525	2.53	10.350	2.78	11.550	3.21	15.150	3.85	17.100	4.28	19.050	4.62	8.890	1.961	9.800	1.999
	20	9.150	2.74	9.900	3.00	10.950	3.47	14.625	4.15	16.500	4.62	18.375	4.96	8.540	2.018	9.415	2.093
	25	8.850	2.91	9.600	3.25	10.500	3.77	13.800	4.41	15.900	4.94	17.700	5.33	8.190	2.112	9.100	2.169

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / PUHZ-ZRP50VKA2

Table with 15 columns: Indoor intake air D.B. (°C), Indoor intake air W.B. (°C), and four columns for each outdoor intake air DB° (20, 25, 30) including CA (kW), SHC (kW), SHF, and P.C. (kW).

CEILING-CONCEALED PERFORMANCE DATA

Table with 15 columns: Indoor intake air D.B. (°C), Indoor intake air W.B. (°C), and four columns for each outdoor intake air DB° (35, 40, 45) including CA (kW), SHC (kW), SHF, and P.C. (kW).

Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C) P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M35JA(L)2 / SUZ-KA35VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	3.528	2.364	0.67	1.008	3.240	2.171	0.67	1.070	2.988	2.002	0.67	1.111
21	20	3.708	2.039	0.55	1.050	3.456	1.901	0.55	1.101	3.204	1.762	0.55	1.163
22	18	3.528	2.505	0.71	1.008	3.240	2.300	0.71	1.070	2.988	2.121	0.71	1.111
22	20	3.708	2.188	0.59	1.050	3.456	2.039	0.59	1.101	3.204	1.890	0.59	1.163
22	22	3.924	1.844	0.47	1.091	3.672	1.726	0.47	1.152	3.420	1.607	0.47	1.194
23	18	3.528	2.646	0.75	1.008	3.240	2.430	0.75	1.070	2.988	2.241	0.75	1.111
23	20	3.708	2.336	0.63	1.050	3.456	2.177	0.63	1.101	3.204	2.019	0.63	1.163
23	22	3.924	2.001	0.51	1.091	3.672	1.873	0.51	1.152	3.420	1.744	0.51	1.194
24	18	3.528	2.787	0.79	1.008	3.240	2.560	0.79	1.070	2.988	2.361	0.79	1.111
24	20	3.708	2.484	0.67	1.050	3.456	2.316	0.67	1.101	3.204	2.147	0.67	1.163
24	22	3.924	2.158	0.55	1.091	3.672	2.020	0.55	1.152	3.420	1.881	0.55	1.194
24	24	4.140	1.780	0.43	1.132	3.888	1.672	0.43	1.183	3.672	1.579	0.43	1.235
25	20	3.708	2.633	0.71	1.050	3.456	2.454	0.71	1.101	3.204	2.275	0.71	1.163
25	22	3.924	2.315	0.59	1.091	3.672	2.166	0.59	1.152	3.420	2.018	0.59	1.194
25	24	4.140	1.946	0.47	1.132	3.888	1.827	0.47	1.183	3.672	1.726	0.47	1.235
26	18	3.528	3.069	0.87	1.008	3.240	2.819	0.87	1.070	2.988	2.600	0.87	1.111
26	20	3.708	2.781	0.75	1.050	3.456	2.592	0.75	1.101	3.204	2.403	0.75	1.163
26	22	3.924	2.472	0.63	1.091	3.672	2.313	0.63	1.152	3.420	2.155	0.63	1.194
26	24	4.140	2.111	0.51	1.132	3.888	1.983	0.51	1.183	3.672	1.873	0.51	1.235
26	26	4.356	1.699	0.39	1.173	4.104	1.601	0.39	1.225	3.852	1.502	0.39	1.276
27	18	3.528	3.210	0.91	1.008	3.240	2.948	0.91	1.070	2.988	2.719	0.91	1.111
27	20	3.708	2.929	0.79	1.050	3.456	2.730	0.79	1.101	3.204	2.531	0.79	1.163
27	22	3.924	2.629	0.67	1.091	3.672	2.460	0.67	1.152	3.420	2.291	0.67	1.194
27	24	4.140	2.277	0.55	1.132	3.888	2.138	0.55	1.183	3.672	2.020	0.55	1.235
27	26	4.356	1.873	0.43	1.173	4.104	1.765	0.43	1.225	3.852	1.656	0.43	1.276
28	18	3.528	3.352	0.95	1.008	3.240	3.078	0.95	1.070	2.988	2.839	0.95	1.111
28	20	3.708	3.078	0.83	1.050	3.456	2.868	0.83	1.101	3.204	2.659	0.83	1.163
28	22	3.924	2.786	0.71	1.091	3.672	2.607	0.71	1.152	3.420	2.428	0.71	1.194
28	24	4.140	2.443	0.59	1.132	3.888	2.294	0.59	1.183	3.672	2.166	0.59	1.235
28	26	4.356	2.047	0.47	1.173	4.104	1.929	0.47	1.225	3.852	1.810	0.47	1.276
29	18	3.528	3.493	0.99	1.008	3.240	3.208	0.99	1.070	2.988	2.958	0.99	1.111
29	20	3.708	3.226	0.87	1.050	3.456	3.007	0.87	1.101	3.204	2.787	0.87	1.163
29	22	3.924	2.943	0.75	1.091	3.672	2.754	0.75	1.152	3.420	2.565	0.75	1.194
29	24	4.140	2.608	0.63	1.132	3.888	2.449	0.63	1.183	3.672	2.313	0.63	1.235
29	26	4.356	2.222	0.51	1.173	4.104	2.093	0.51	1.225	3.852	1.965	0.51	1.276
30	18	3.528	3.528	1.00	1.008	3.240	3.240	1.00	1.070	2.988	2.988	1.00	1.111
30	20	3.708	3.374	0.91	1.050	3.456	3.145	0.91	1.101	3.204	2.916	0.91	1.163
30	22	3.924	3.100	0.79	1.091	3.672	2.901	0.79	1.152	3.420	2.702	0.79	1.194
30	24	4.140	2.774	0.67	1.132	3.888	2.605	0.67	1.183	3.672	2.460	0.67	1.235
30	26	4.356	2.396	0.55	1.173	4.104	2.257	0.55	1.225	3.852	2.119	0.55	1.276
31	18	3.528	3.528	1.00	1.008	3.240	3.240	1.00	1.070	2.988	2.988	1.00	1.111
31	20	3.708	3.523	0.95	1.050	3.456	3.283	0.95	1.101	3.204	3.044	0.95	1.163
31	22	3.924	3.257	0.83	1.091	3.672	3.048	0.83	1.152	3.420	2.839	0.83	1.194
31	24	4.140	2.939	0.71	1.132	3.888	2.760	0.71	1.183	3.672	2.607	0.71	1.235
31	26	4.356	2.570	0.59	1.173	4.104	2.421	0.59	1.225	3.852	2.273	0.59	1.276
32	18	3.528	3.528	1.00	1.008	3.240	3.240	1.00	1.070	2.988	2.988	1.00	1.111
32	20	3.708	3.671	0.99	1.050	3.456	3.421	0.99	1.101	3.204	3.172	0.99	1.163
32	22	3.924	3.414	0.87	1.091	3.672	3.195	0.87	1.152	3.420	2.975	0.87	1.194
32	24	4.140	3.105	0.75	1.132	3.888	2.916	0.75	1.183	3.672	2.754	0.75	1.235
32	26	4.356	2.744	0.63	1.173	4.104	2.586	0.63	1.225	3.852	2.427	0.63	1.276

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M50JA(L)2 / SUZ-KA50VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	4.802	3.169	0.66	1.429	4.410	2.911	0.66	1.516	4.067	2.684	0.66	1.575
21	20	5.047	2.725	0.54	1.487	4.704	2.540	0.54	1.560	4.361	2.355	0.54	1.648
22	18	4.802	3.361	0.70	1.429	4.410	3.087	0.70	1.516	4.067	2.847	0.70	1.575
22	20	5.047	2.927	0.58	1.487	4.704	2.728	0.58	1.560	4.361	2.529	0.58	1.648
22	22	5.341	2.457	0.46	1.545	4.998	2.299	0.46	1.633	4.655	2.141	0.46	1.691
23	18	4.802	3.553	0.74	1.429	4.410	3.263	0.74	1.516	4.067	3.010	0.74	1.575
23	20	5.047	3.129	0.62	1.487	4.704	2.916	0.62	1.560	4.361	2.704	0.62	1.648
23	22	5.341	2.671	0.50	1.545	4.998	2.499	0.50	1.633	4.655	2.328	0.50	1.691
24	18	4.802	3.746	0.78	1.429	4.410	3.440	0.78	1.516	4.067	3.172	0.78	1.575
24	20	5.047	3.331	0.66	1.487	4.704	3.105	0.66	1.560	4.361	2.878	0.66	1.648
24	22	5.341	2.884	0.54	1.545	4.998	2.699	0.54	1.633	4.655	2.514	0.54	1.691
24	24	5.635	2.367	0.42	1.604	5.292	2.223	0.42	1.677	4.998	2.099	0.42	1.750
25	20	5.047	3.533	0.70	1.487	4.704	3.293	0.70	1.560	4.361	3.053	0.70	1.648
25	22	5.341	3.098	0.58	1.545	4.998	2.899	0.58	1.633	4.655	2.700	0.58	1.691
25	24	5.635	2.592	0.46	1.604	5.292	2.434	0.46	1.677	4.998	2.299	0.46	1.750
26	18	4.802	4.130	0.86	1.429	4.410	3.793	0.86	1.516	4.067	3.498	0.86	1.575
26	20	5.047	3.735	0.74	1.487	4.704	3.481	0.74	1.560	4.361	3.227	0.74	1.648
26	22	5.341	3.311	0.62	1.545	4.998	3.099	0.62	1.633	4.655	2.886	0.62	1.691
26	24	5.635	2.818	0.50	1.604	5.292	2.646	0.50	1.677	4.998	2.499	0.50	1.750
26	26	5.929	2.253	0.38	1.662	5.586	2.123	0.38	1.735	5.243	1.992	0.38	1.808
27	18	4.802	4.322	0.90	1.429	4.410	3.969	0.90	1.516	4.067	3.660	0.90	1.575
27	20	5.047	3.937	0.78	1.487	4.704	3.669	0.78	1.560	4.361	3.402	0.78	1.648
27	22	5.341	3.525	0.66	1.545	4.998	3.299	0.66	1.633	4.655	3.072	0.66	1.691
27	24	5.635	3.043	0.54	1.604	5.292	2.858	0.54	1.677	4.998	2.699	0.54	1.750
27	26	5.929	2.490	0.42	1.662	5.586	2.346	0.42	1.735	5.243	2.202	0.42	1.808
28	18	4.802	4.514	0.94	1.429	4.410	4.145	0.94	1.516	4.067	3.823	0.94	1.575
28	20	5.047	4.139	0.82	1.487	4.704	3.857	0.82	1.560	4.361	3.576	0.82	1.648
28	22	5.341	3.739	0.70	1.545	4.998	3.499	0.70	1.633	4.655	3.259	0.70	1.691
28	24	5.635	3.268	0.58	1.604	5.292	3.069	0.58	1.677	4.998	2.899	0.58	1.750
28	26	5.929	2.727	0.46	1.662	5.586	2.570	0.46	1.735	5.243	2.412	0.46	1.808
29	18	4.802	4.706	0.98	1.429	4.410	4.322	0.98	1.516	4.067	3.986	0.98	1.575
29	20	5.047	4.340	0.86	1.487	4.704	4.045	0.86	1.560	4.361	3.750	0.86	1.648
29	22	5.341	3.952	0.74	1.545	4.998	3.699	0.74	1.633	4.655	3.445	0.74	1.691
29	24	5.635	3.494	0.62	1.604	5.292	3.281	0.62	1.677	4.998	3.099	0.62	1.750
29	26	5.929	2.965	0.50	1.662	5.586	2.793	0.50	1.735	5.243	2.622	0.50	1.808
30	18	4.802	4.802	1.00	1.429	4.410	4.410	1.00	1.516	4.067	4.067	1.00	1.575
30	20	5.047	4.542	0.90	1.487	4.704	4.234	0.90	1.560	4.361	3.925	0.90	1.648
30	22	5.341	4.166	0.78	1.545	4.998	3.898	0.78	1.633	4.655	3.631	0.78	1.691
30	24	5.635	3.719	0.66	1.604	5.292	3.493	0.66	1.677	4.998	3.299	0.66	1.750
30	26	5.929	3.202	0.54	1.662	5.586	3.016	0.54	1.735	5.243	2.831	0.54	1.808
31	18	4.802	4.802	1.00	1.429	4.410	4.410	1.00	1.516	4.067	4.067	1.00	1.575
31	20	5.047	4.744	0.94	1.487	4.704	4.422	0.94	1.560	4.361	4.099	0.94	1.648
31	22	5.341	4.380	0.82	1.545	4.998	4.098	0.82	1.633	4.655	3.817	0.82	1.691
31	24	5.635	3.945	0.70	1.604	5.292	3.704	0.70	1.677	4.998	3.499	0.70	1.750
31	26	5.929	3.439	0.58	1.662	5.586	3.240	0.58	1.735	5.243	3.041	0.58	1.808
32	18	4.802	4.802	1.00	1.429	4.410	4.410	1.00	1.516	4.067	4.067	1.00	1.575
32	20	5.047	4.946	0.98	1.487	4.704	4.610	0.98	1.560	4.361	4.274	0.98	1.648
32	22	5.341	4.593	0.86	1.545	4.998	4.298	0.86	1.633	4.655	4.003	0.86	1.691
32	24	5.635	4.170	0.74	1.604	5.292	3.916	0.74	1.677	4.998	3.699	0.74	1.750
32	26	5.929	3.676	0.62	1.662	5.586	3.463	0.62	1.735	5.243	3.251	0.62	1.808

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M60JA(L)2 / SUZ-KA60VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	5.586	3.631	0.65	1.619	5.130	3.335	0.65	1.718	4.731	3.075	0.65	1.784
21	20	5.871	3.112	0.53	1.685	5.472	2.900	0.53	1.768	5.073	2.689	0.53	1.867
22	18	5.586	3.854	0.69	1.619	5.130	3.540	0.69	1.718	4.731	3.264	0.69	1.784
22	20	5.871	3.346	0.57	1.685	5.472	3.119	0.57	1.768	5.073	2.892	0.57	1.867
22	22	6.213	2.796	0.45	1.751	5.814	2.616	0.45	1.850	5.415	2.437	0.45	1.916
23	18	5.586	4.078	0.73	1.619	5.130	3.745	0.73	1.718	4.731	3.454	0.73	1.784
23	20	5.871	3.581	0.61	1.685	5.472	3.338	0.61	1.768	5.073	3.095	0.61	1.867
23	22	6.213	3.044	0.49	1.751	5.814	2.849	0.49	1.850	5.415	2.653	0.49	1.916
24	18	5.586	4.301	0.77	1.619	5.130	3.950	0.77	1.718	4.731	3.643	0.77	1.784
24	20	5.871	3.816	0.65	1.685	5.472	3.557	0.65	1.768	5.073	3.297	0.65	1.867
24	22	6.213	3.293	0.53	1.751	5.814	3.081	0.53	1.850	5.415	2.870	0.53	1.916
24	24	6.555	2.688	0.41	1.817	6.156	2.524	0.41	1.900	5.814	2.384	0.41	1.982
25	20	5.871	4.051	0.69	1.685	5.472	3.776	0.69	1.768	5.073	3.500	0.69	1.867
25	22	6.213	3.541	0.57	1.751	5.814	3.314	0.57	1.850	5.415	3.087	0.57	1.916
25	24	6.555	2.950	0.45	1.817	6.156	2.770	0.45	1.900	5.814	2.616	0.45	1.982
26	18	5.586	4.748	0.85	1.619	5.130	4.361	0.85	1.718	4.731	4.021	0.85	1.784
26	20	5.871	4.286	0.73	1.685	5.472	3.995	0.73	1.768	5.073	3.703	0.73	1.867
26	22	6.213	3.790	0.61	1.751	5.814	3.547	0.61	1.850	5.415	3.303	0.61	1.916
26	24	6.555	3.212	0.49	1.817	6.156	3.016	0.49	1.900	5.814	2.849	0.49	1.982
26	26	6.897	2.552	0.37	1.883	6.498	2.404	0.37	1.966	6.099	2.257	0.37	2.048
27	18	5.586	4.972	0.89	1.619	5.130	4.566	0.89	1.718	4.731	4.211	0.89	1.784
27	20	5.871	4.521	0.77	1.685	5.472	4.213	0.77	1.768	5.073	3.906	0.77	1.867
27	22	6.213	4.038	0.65	1.751	5.814	3.779	0.65	1.850	5.415	3.520	0.65	1.916
27	24	6.555	3.474	0.53	1.817	6.156	3.263	0.53	1.900	5.814	3.081	0.53	1.982
27	26	6.897	2.828	0.41	1.883	6.498	2.664	0.41	1.966	6.099	2.501	0.41	2.048
28	18	5.586	5.195	0.93	1.619	5.130	4.771	0.93	1.718	4.731	4.400	0.93	1.784
28	20	5.871	4.756	0.81	1.685	5.472	4.432	0.81	1.768	5.073	4.109	0.81	1.867
28	22	6.213	4.287	0.69	1.751	5.814	4.012	0.69	1.850	5.415	3.736	0.69	1.916
28	24	6.555	3.736	0.57	1.817	6.156	3.509	0.57	1.900	5.814	3.314	0.57	1.982
28	26	6.897	3.104	0.45	1.883	6.498	2.924	0.45	1.966	6.099	2.745	0.45	2.048
29	18	5.586	5.418	0.97	1.619	5.130	4.976	0.97	1.718	4.731	4.589	0.97	1.784
29	20	5.871	4.990	0.85	1.685	5.472	4.651	0.85	1.768	5.073	4.312	0.85	1.867
29	22	6.213	4.535	0.73	1.751	5.814	4.244	0.73	1.850	5.415	3.953	0.73	1.916
29	24	6.555	3.999	0.61	1.817	6.156	3.755	0.61	1.900	5.814	3.547	0.61	1.982
29	26	6.897	3.380	0.49	1.883	6.498	3.184	0.49	1.966	6.099	2.989	0.49	2.048
30	18	5.586	5.586	1.00	1.619	5.130	5.130	1.00	1.718	4.731	4.731	1.00	1.784
30	20	5.871	5.225	0.89	1.685	5.472	4.870	0.89	1.768	5.073	4.515	0.89	1.867
30	22	6.213	4.784	0.77	1.751	5.814	4.477	0.77	1.850	5.415	4.170	0.77	1.916
30	24	6.555	4.261	0.65	1.817	6.156	4.001	0.65	1.900	5.814	3.779	0.65	1.982
30	26	6.897	3.655	0.53	1.883	6.498	3.444	0.53	1.966	6.099	3.232	0.53	2.048
31	18	5.586	5.586	1.00	1.619	5.130	5.130	1.00	1.718	4.731	4.731	1.00	1.784
31	20	5.871	5.460	0.93	1.685	5.472	5.089	0.93	1.768	5.073	4.718	0.93	1.867
31	22	6.213	5.033	0.81	1.751	5.814	4.709	0.81	1.850	5.415	4.386	0.81	1.916
31	24	6.555	4.523	0.69	1.817	6.156	4.248	0.69	1.900	5.814	4.012	0.69	1.982
31	26	6.897	3.931	0.57	1.883	6.498	3.704	0.57	1.966	6.099	3.476	0.57	2.048
32	18	5.586	5.586	1.00	1.619	5.130	5.130	1.00	1.718	4.731	4.731	1.00	1.784
32	20	5.871	5.695	0.97	1.685	5.472	5.308	0.97	1.768	5.073	4.921	0.97	1.867
32	22	6.213	5.281	0.85	1.751	5.814	4.942	0.85	1.850	5.415	4.603	0.85	1.916
32	24	6.555	4.785	0.73	1.817	6.156	4.494	0.73	1.900	5.814	4.244	0.73	1.982
32	26	6.897	4.207	0.61	1.883	6.498	3.964	0.61	1.966	6.099	3.720	0.61	2.048

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-M71JA(L)2 / SUZ-KA71VA6

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.314	0.62	2.019	6.390	3.962	0.62	2.142	5.893	3.654	0.62	2.225
21	20	7.313	3.657	0.50	2.101	6.816	3.408	0.50	2.204	6.319	3.160	0.50	2.328
22	18	6.958	4.592	0.66	2.019	6.390	4.217	0.66	2.142	5.893	3.889	0.66	2.225
22	20	7.313	3.949	0.54	2.101	6.816	3.681	0.54	2.204	6.319	3.412	0.54	2.328
22	22	7.739	3.250	0.42	2.184	7.242	3.042	0.42	2.307	6.745	2.833	0.42	2.390
23	18	6.958	4.871	0.70	2.019	6.390	4.473	0.70	2.142	5.893	4.125	0.70	2.225
23	20	7.313	4.242	0.58	2.101	6.816	3.953	0.58	2.204	6.319	3.665	0.58	2.328
23	22	7.739	3.560	0.46	2.184	7.242	3.331	0.46	2.307	6.745	3.103	0.46	2.390
24	18	6.958	5.149	0.74	2.019	6.390	4.729	0.74	2.142	5.893	4.361	0.74	2.225
24	20	7.313	4.534	0.62	2.101	6.816	4.226	0.62	2.204	6.319	3.918	0.62	2.328
24	22	7.739	3.870	0.50	2.184	7.242	3.621	0.50	2.307	6.745	3.373	0.50	2.390
24	24	8.165	3.103	0.38	2.266	7.668	2.914	0.38	2.369	7.242	2.752	0.38	2.472
25	20	7.313	4.827	0.66	2.101	6.816	4.499	0.66	2.204	6.319	4.171	0.66	2.328
25	22	7.739	4.179	0.54	2.184	7.242	3.911	0.54	2.307	6.745	3.642	0.54	2.390
25	24	8.165	3.429	0.42	2.266	7.668	3.221	0.42	2.369	7.242	3.042	0.42	2.472
26	18	6.958	5.706	0.82	2.019	6.390	5.240	0.82	2.142	5.893	4.832	0.82	2.225
26	20	7.313	5.119	0.70	2.101	6.816	4.771	0.70	2.204	6.319	4.423	0.70	2.328
26	22	7.739	4.489	0.58	2.184	7.242	4.200	0.58	2.307	6.745	3.912	0.58	2.390
26	24	8.165	3.756	0.46	2.266	7.668	3.527	0.46	2.369	7.242	3.331	0.46	2.472
26	26	8.591	2.921	0.34	2.348	8.094	2.752	0.34	2.451	7.597	2.583	0.34	2.554
27	18	6.958	5.984	0.86	2.019	6.390	5.495	0.86	2.142	5.893	5.068	0.86	2.225
27	20	7.313	5.412	0.74	2.101	6.816	5.044	0.74	2.204	6.319	4.676	0.74	2.328
27	22	7.739	4.798	0.62	2.184	7.242	4.490	0.62	2.307	6.745	4.182	0.62	2.390
27	24	8.165	4.083	0.50	2.266	7.668	3.834	0.50	2.369	7.242	3.621	0.50	2.472
27	26	8.591	3.265	0.38	2.348	8.094	3.076	0.38	2.451	7.597	2.887	0.38	2.554
28	18	6.958	6.262	0.90	2.019	6.390	5.751	0.90	2.142	5.893	5.304	0.90	2.225
28	20	7.313	5.704	0.78	2.101	6.816	5.316	0.78	2.204	6.319	4.929	0.78	2.328
28	22	7.739	5.108	0.66	2.184	7.242	4.780	0.66	2.307	6.745	4.452	0.66	2.390
28	24	8.165	4.409	0.54	2.266	7.668	4.141	0.54	2.369	7.242	3.911	0.54	2.472
28	26	8.591	3.608	0.42	2.348	8.094	3.399	0.42	2.451	7.597	3.191	0.42	2.554
29	18	6.958	6.541	0.94	2.019	6.390	6.007	0.94	2.142	5.893	5.539	0.94	2.225
29	20	7.313	5.997	0.82	2.101	6.816	5.589	0.82	2.204	6.319	5.182	0.82	2.328
29	22	7.739	5.417	0.70	2.184	7.242	5.069	0.70	2.307	6.745	4.722	0.70	2.390
29	24	8.165	4.736	0.58	2.266	7.668	4.447	0.58	2.369	7.242	4.200	0.58	2.472
29	26	8.591	3.952	0.46	2.348	8.094	3.723	0.46	2.451	7.597	3.495	0.46	2.554
30	18	6.958	6.819	0.98	2.019	6.390	6.262	0.98	2.142	5.893	5.775	0.98	2.225
30	20	7.313	6.289	0.86	2.101	6.816	5.862	0.86	2.204	6.319	5.434	0.86	2.328
30	22	7.739	5.727	0.74	2.184	7.242	5.359	0.74	2.307	6.745	4.991	0.74	2.390
30	24	8.165	5.062	0.62	2.266	7.668	4.754	0.62	2.369	7.242	4.490	0.62	2.472
30	26	8.591	4.296	0.50	2.348	8.094	4.047	0.50	2.451	7.597	3.799	0.50	2.554
31	18	6.958	6.958	1.00	2.019	6.390	6.390	1.00	2.142	5.893	5.893	1.00	2.225
31	20	7.313	6.582	0.90	2.101	6.816	6.134	0.90	2.204	6.319	5.687	0.90	2.328
31	22	7.739	6.036	0.78	2.184	7.242	5.649	0.78	2.307	6.745	5.261	0.78	2.390
31	24	8.165	5.389	0.66	2.266	7.668	5.061	0.66	2.369	7.242	4.780	0.66	2.472
31	26	8.591	4.639	0.54	2.348	8.094	4.371	0.54	2.451	7.597	4.102	0.54	2.554
32	18	6.958	6.958	1.00	2.019	6.390	6.390	1.00	2.142	5.893	5.893	1.00	2.225
32	20	7.313	6.874	0.94	2.101	6.816	6.407	0.94	2.204	6.319	5.940	0.94	2.328
32	22	7.739	6.346	0.82	2.184	7.242	5.938	0.82	2.307	6.745	5.531	0.82	2.390
32	24	8.165	5.716	0.70	2.266	7.668	5.368	0.70	2.369	7.242	5.069	0.70	2.472
32	26	8.591	4.983	0.58	2.348	8.094	4.695	0.58	2.451	7.597	4.406	0.58	2.554

CEILING-CONCEALED

PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA(L) / SUZ-SA71VA3

Table with 18 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), Outdoor intake air DB°C (21, 25, 27, 30), and 16 performance metrics (CA, SHC, SHF, P.C. for each DB°C).

CEILING-CONCEALED

PERFORMANCE DATA

Note:
CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM71JA(L) / SUZ-SA71VA3

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				46			
		CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)	CA (kW)	SHC (kW)	SHF	P.C. (kW)
21	18	6.958	4.523	0.65	2.303	6.390	4.154	0.65	2.444	5.893	3.830	0.65	2.538
21	20	7.313	3.876	0.53	2.397	6.816	3.612	0.53	2.515	6.319	3.349	0.53	2.656
22	18	6.958	4.801	0.69	2.303	6.390	4.409	0.69	2.444	5.893	4.066	0.69	2.538
22	20	7.313	4.168	0.57	2.397	6.816	3.885	0.57	2.515	6.319	3.602	0.57	2.656
22	22	7.739	3.483	0.45	2.491	7.242	3.259	0.45	2.632	6.745	3.035	0.45	2.726
23	18	6.958	5.079	0.73	2.303	6.390	4.665	0.73	2.444	5.893	4.302	0.73	2.538
23	20	7.313	4.461	0.61	2.397	6.816	4.158	0.61	2.515	6.319	3.855	0.61	2.656
23	22	7.739	3.792	0.49	2.491	7.242	3.549	0.49	2.632	6.745	3.305	0.49	2.726
24	18	6.958	5.358	0.77	2.303	6.390	4.920	0.77	2.444	5.893	4.538	0.77	2.538
24	20	7.313	4.753	0.65	2.397	6.816	4.430	0.65	2.515	6.319	4.107	0.65	2.656
24	22	7.739	4.102	0.53	2.491	7.242	3.838	0.53	2.632	6.745	3.575	0.53	2.726
24	24	8.165	3.348	0.41	2.585	7.668	3.144	0.41	2.703	7.242	2.969	0.41	2.820
25	20	7.313	5.046	0.69	2.397	6.816	4.703	0.69	2.515	6.319	4.360	0.69	2.656
25	22	7.739	4.411	0.57	2.491	7.242	4.128	0.57	2.632	6.745	3.845	0.57	2.726
25	24	8.165	3.674	0.45	2.585	7.668	3.451	0.45	2.703	7.242	3.259	0.45	2.820
26	18	6.958	5.914	0.85	2.303	6.390	5.432	0.85	2.444	5.893	5.009	0.85	2.538
26	20	7.313	5.338	0.73	2.397	6.816	4.976	0.73	2.515	6.319	4.613	0.73	2.656
26	22	7.739	4.721	0.61	2.491	7.242	4.418	0.61	2.632	6.745	4.114	0.61	2.726
26	24	8.165	4.001	0.49	2.585	7.668	3.757	0.49	2.703	7.242	3.549	0.49	2.820
26	26	8.591	3.179	0.37	2.679	8.094	2.995	0.37	2.797	7.597	2.811	0.37	2.914
27	18	6.958	6.193	0.89	2.303	6.390	5.687	0.89	2.444	5.893	5.245	0.89	2.538
27	20	7.313	5.631	0.77	2.397	6.816	5.248	0.77	2.515	6.319	4.866	0.77	2.656
27	22	7.739	5.030	0.65	2.491	7.242	4.707	0.65	2.632	6.745	4.384	0.65	2.726
27	24	8.165	4.327	0.53	2.585	7.668	4.064	0.53	2.703	7.242	3.838	0.53	2.820
27	26	8.591	3.522	0.41	2.679	8.094	3.319	0.41	2.797	7.597	3.115	0.41	2.914
28	18	6.958	6.471	0.93	2.303	6.390	5.943	0.93	2.444	5.893	5.480	0.93	2.538
28	20	7.313	5.924	0.81	2.397	6.816	5.521	0.81	2.515	6.319	5.118	0.81	2.656
28	22	7.739	5.340	0.69	2.491	7.242	4.997	0.69	2.632	6.745	4.654	0.69	2.726
28	24	8.165	4.654	0.57	2.585	7.668	4.371	0.57	2.703	7.242	4.128	0.57	2.820
28	26	8.591	3.866	0.45	2.679	8.094	3.642	0.45	2.797	7.597	3.419	0.45	2.914
29	18	6.958	6.749	0.97	2.303	6.390	6.198	0.97	2.444	5.893	5.716	0.97	2.538
29	20	7.313	6.216	0.85	2.397	6.816	5.794	0.85	2.515	6.319	5.371	0.85	2.656
29	22	7.739	5.649	0.73	2.491	7.242	5.287	0.73	2.632	6.745	4.924	0.73	2.726
29	24	8.165	4.981	0.61	2.585	7.668	4.677	0.61	2.703	7.242	4.418	0.61	2.820
29	26	8.591	4.210	0.49	2.679	8.094	3.966	0.49	2.797	7.597	3.723	0.49	2.914
30	18	6.958	7.028	1.01	2.303	6.390	6.454	1.01	2.444	5.893	5.952	1.01	2.538
30	20	7.313	6.509	0.89	2.397	6.816	6.066	0.89	2.515	6.319	5.624	0.89	2.656
30	22	7.739	5.959	0.77	2.491	7.242	5.576	0.77	2.632	6.745	5.194	0.77	2.726
30	24	8.165	5.307	0.65	2.585	7.668	4.984	0.65	2.703	7.242	4.707	0.65	2.820
30	26	8.591	4.553	0.53	2.679	8.094	4.290	0.53	2.797	7.597	4.026	0.53	2.914
31	18	6.958	7.306	1.05	2.303	6.390	6.710	1.05	2.444	5.893	6.188	1.05	2.538
31	20	7.313	6.801	0.93	2.397	6.816	6.339	0.93	2.515	6.319	5.877	0.93	2.656
31	22	7.739	6.269	0.81	2.491	7.242	5.866	0.81	2.632	6.745	5.463	0.81	2.726
31	24	8.165	5.634	0.69	2.585	7.668	5.291	0.69	2.703	7.242	4.997	0.69	2.820
31	26	8.591	4.897	0.57	2.679	8.094	4.614	0.57	2.797	7.597	4.330	0.57	2.914
32	18	6.958	7.584	1.09	2.303	6.390	6.965	1.09	2.444	5.893	6.423	1.09	2.538
32	20	7.313	7.094	0.97	2.397	6.816	6.612	0.97	2.515	6.319	6.129	0.97	2.656
32	22	7.739	6.578	0.85	2.491	7.242	6.156	0.85	2.632	6.745	5.733	0.85	2.726
32	24	8.165	5.960	0.73	2.585	7.668	5.598	0.73	2.703	7.242	5.287	0.73	2.820
32	26	8.591	5.241	0.61	2.679	8.094	4.937	0.61	2.797	7.597	4.634	0.61	2.914

CEILING-CONCEALED PERFORMANCE DATA

Note:

CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

COOLING CAPACITY
PEAD-SM100JA(L) / PUHZ-SP100YKA

Table with 14 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), and Outdoor intake air DB°C (20, 25, 30). Sub-columns include CA (kW), SHC (kW), SHF, and P.C. (kW).

CEILING-CONCEALED

PERFORMANCE DATA

Table with 14 columns: Indoor intake air D.B.(°C), Indoor intake air W.B.(°C), and Outdoor intake air DB°C (35, 40, 45). Sub-columns include CA (kW), SHC (kW), SHF, and P.C. (kW).

Note: CA : Capacity (kW) SHC : Sensible heat capacity (kW) D.B. : Dry-bulb temperature (°C)
P.C. : Total power input (kW) SHF : Sensible heat factor W.B. : Wet-bulb temperature (°C)

A.6.6 FAN PERFORMANCE

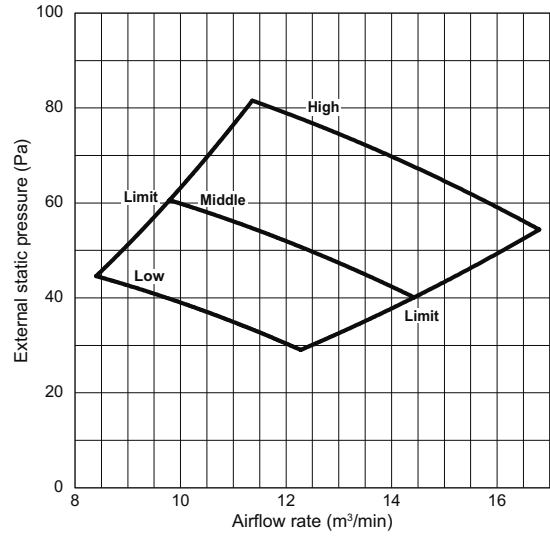
A.6.6.1 PEAD-M · JA(L)2 / PEAD-SM · JA(L)

PEAD-M35JA2
 PEAD-M35JAL2
 PEAD-SM35JA
 PEAD-SM35JAL

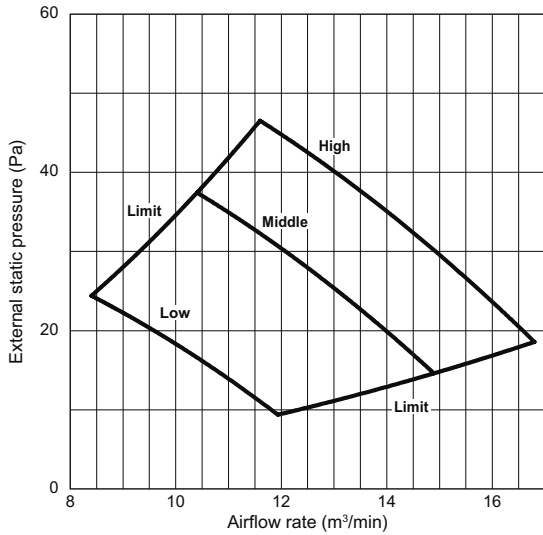
CEILING-
CONCEALED

FAN PERFORMANCE

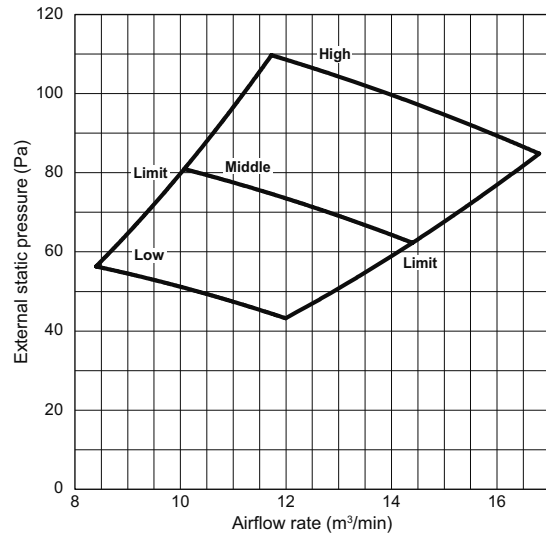
External static pressure: 70Pa
 Powersource: 220-240V



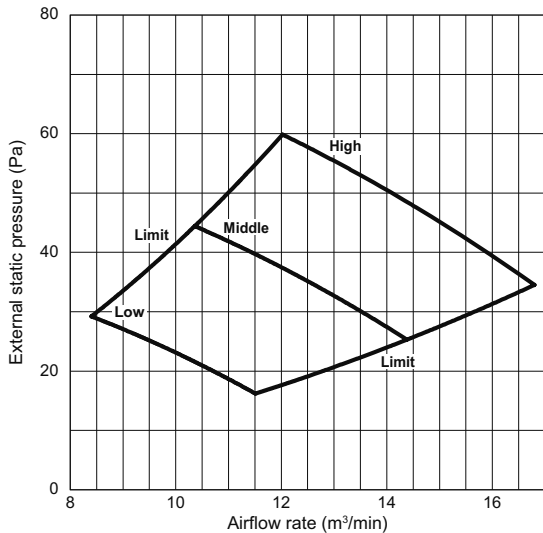
External static pressure: 35Pa
 Powersource: 220-240V



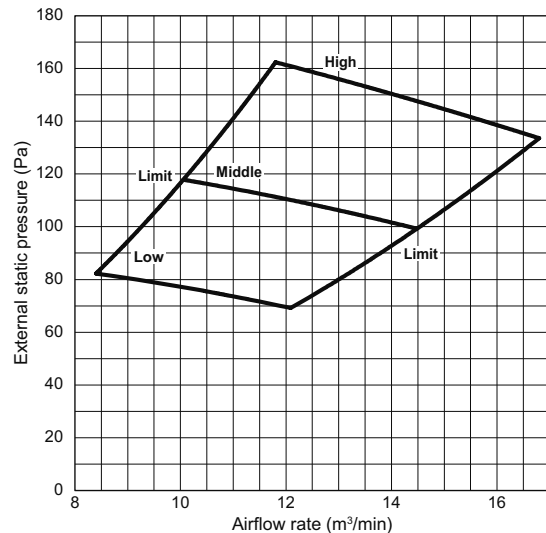
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V

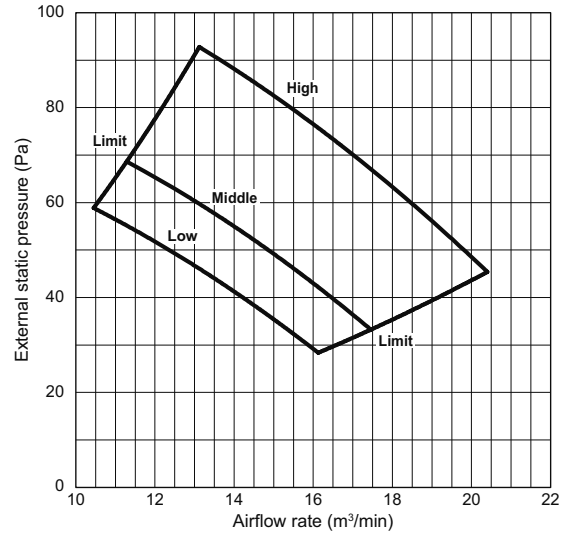


External static pressure: 150Pa
 Powersource: 220-240V

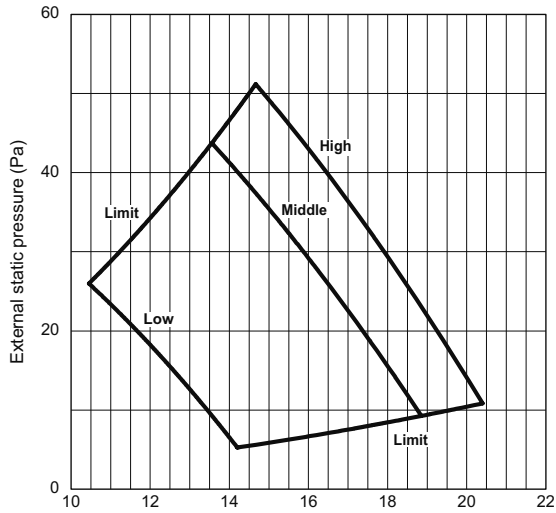


PEAD-M50JA2
 PEAD-M50JAL2
 PEAD-SM50JA
 PEAD-SM50JAL

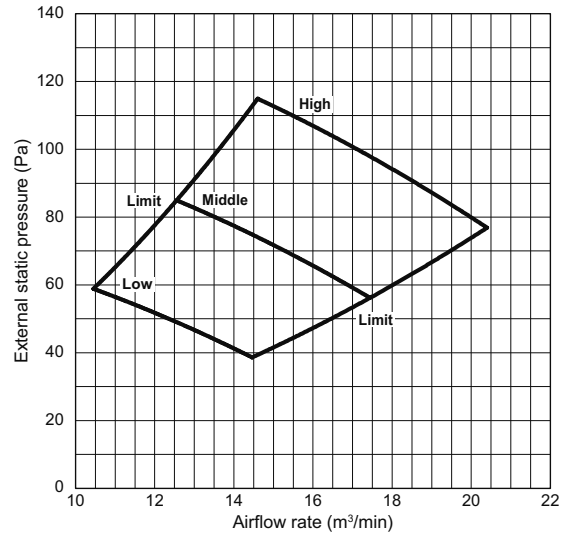
External static pressure: 70Pa
 Powersource: 220-240V



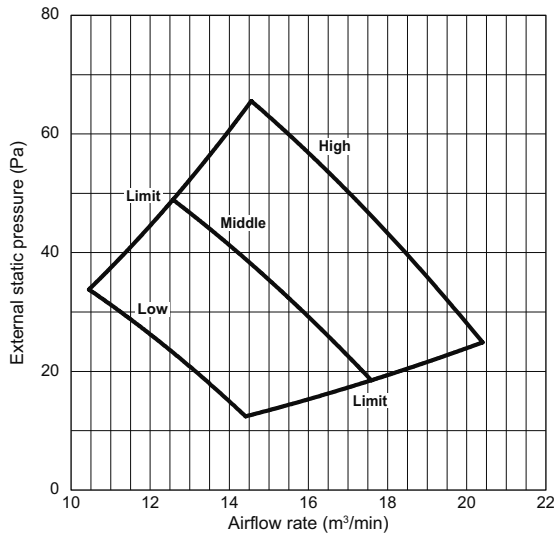
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 Powersource: 220-240V



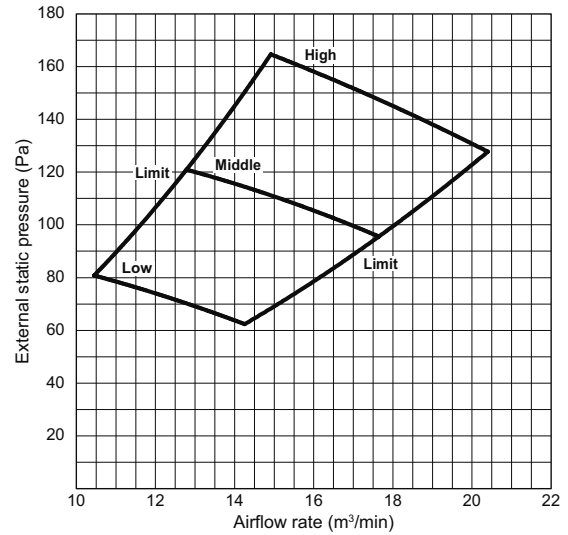
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



External static pressure: 150Pa
 Powersource: 220-240V



CEILING-
CONCEALED

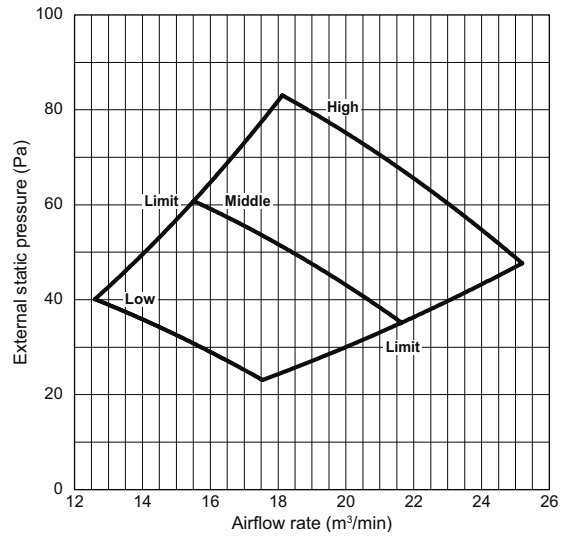
FAN PERFORMANCE

PEAD-M60JA2
PEAD-M60JAL2
PEAD-SM60JA
PEAD-SM60JAL

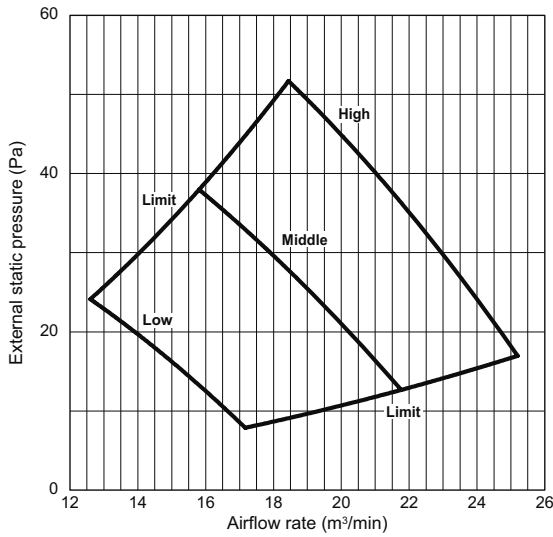
CEILING-
CONCEALED

FAN PERFORMANCE

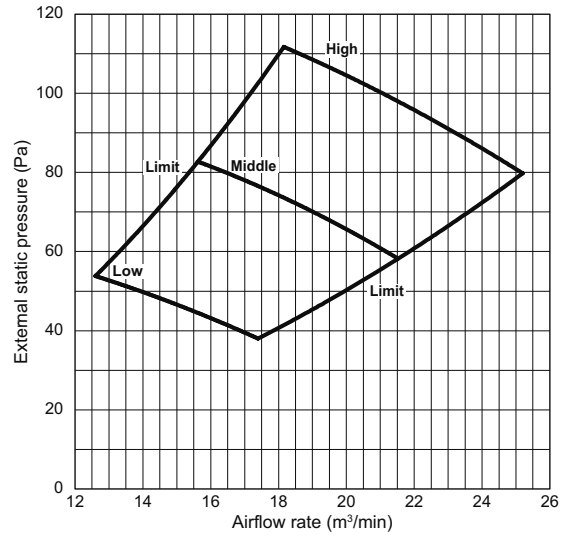
External static pressure: 70Pa
Powersource: 220-240V



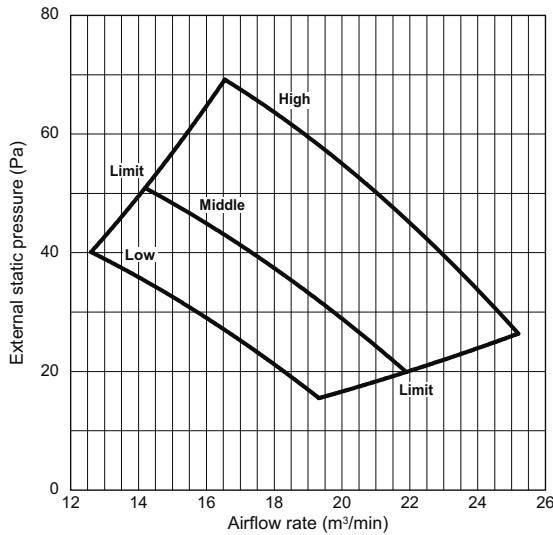
External static pressure: 40Pa
Powersource: 220-240V



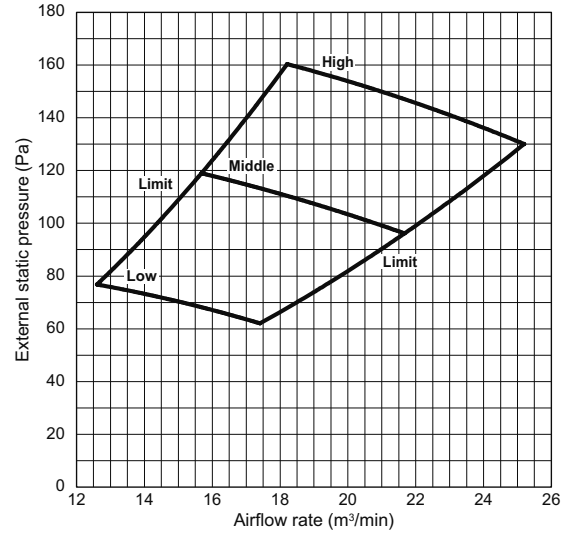
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V

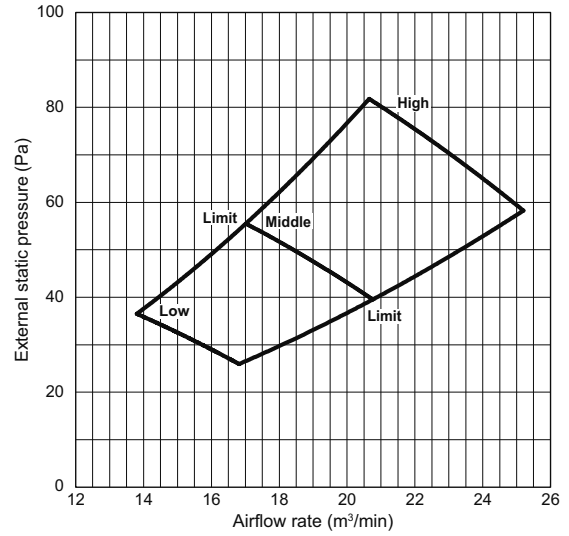


External static pressure: 150Pa
Powersource: 220-240V

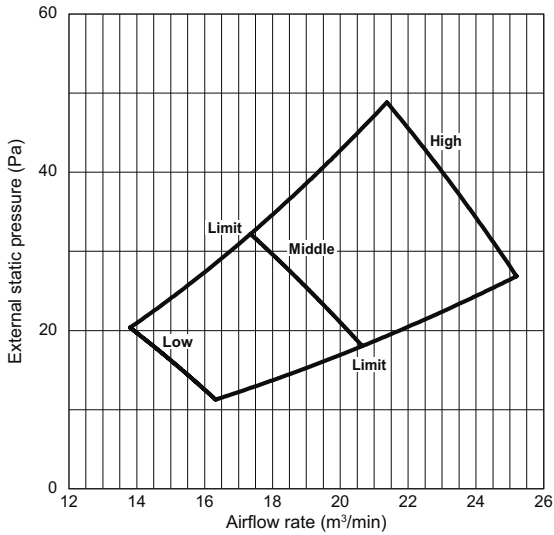


PEAD-M71JA2
PEAD-M71JAL2

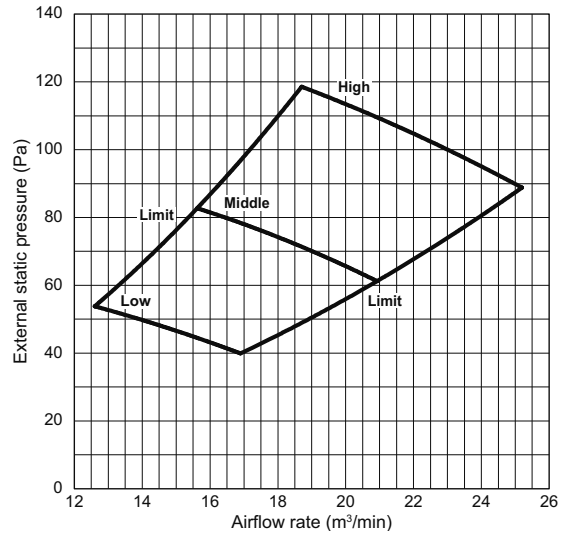
External static pressure: 70Pa
Powersource: 220-240V



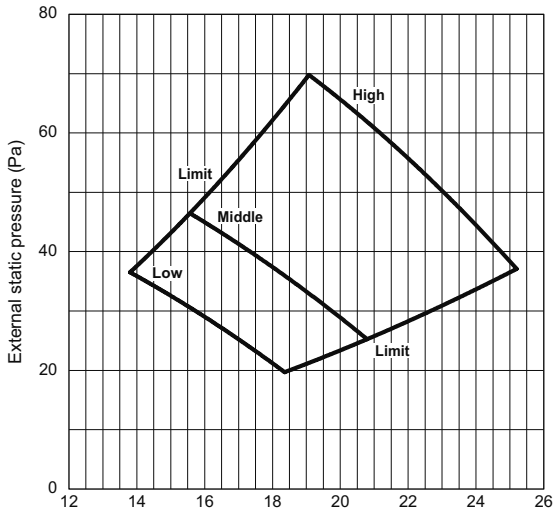
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Powersource: 220-240V



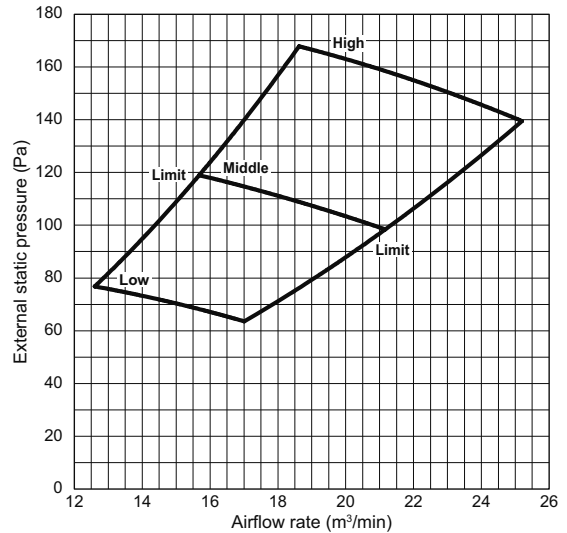
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



CEILING-
CONCEALED

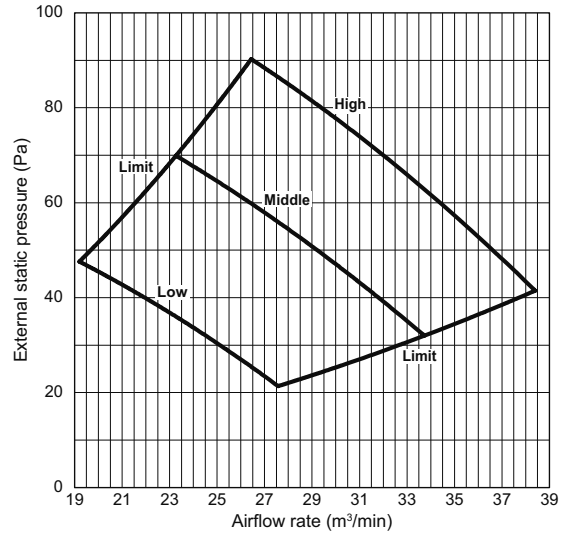
FAN PERFORMANCE

PEAD-M100JA2
PEAD-M100JAL2

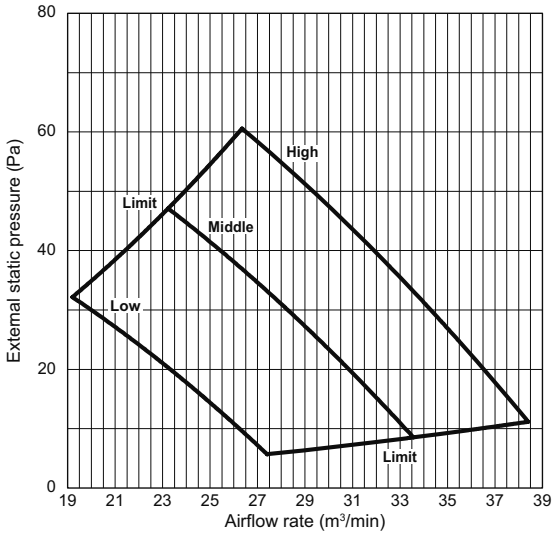
CEILING-
CONCEALED

FAN PERFORMANCE

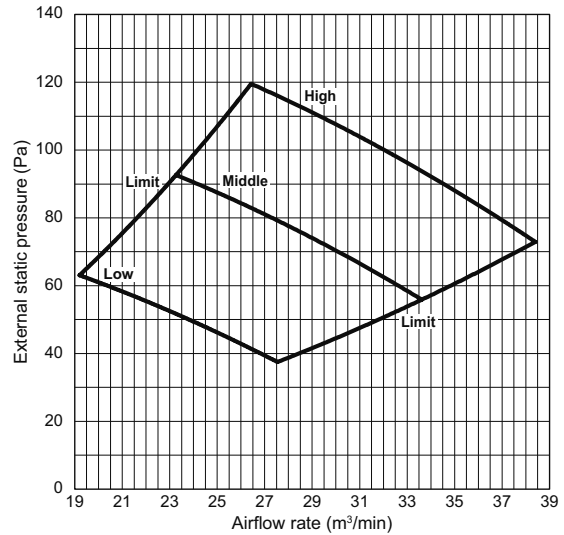
External static pressure: 70Pa
Powersource: 220-240V



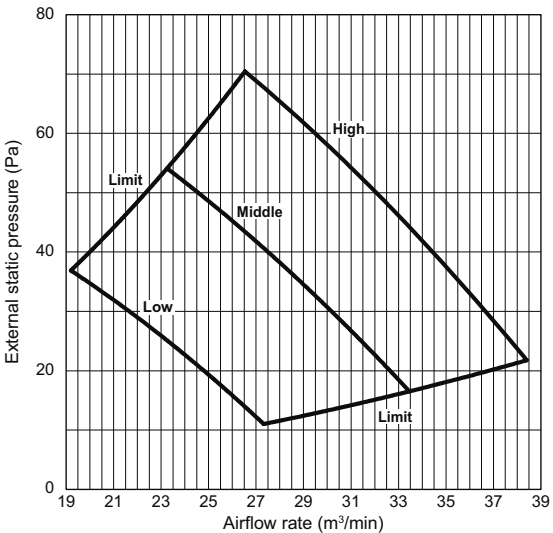
External static pressure: 40Pa
Powersource: 220-240V



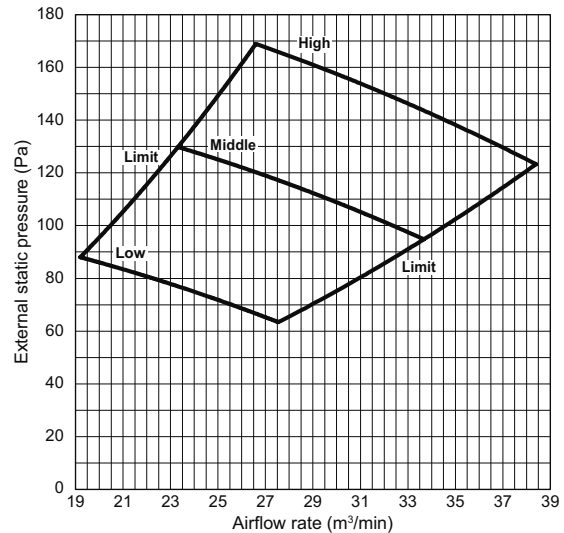
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V

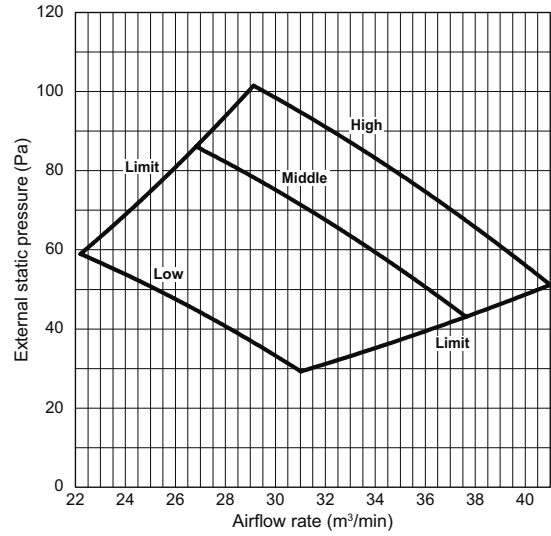


External static pressure: 150Pa
Powersource: 220-240V

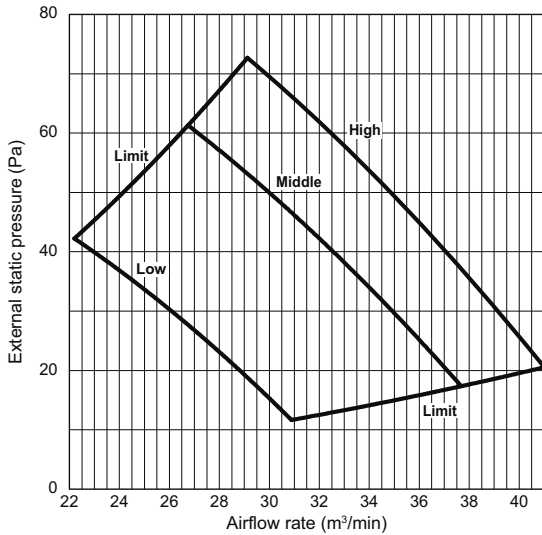


PEAD-M125JA2
PEAD-M125JAL2

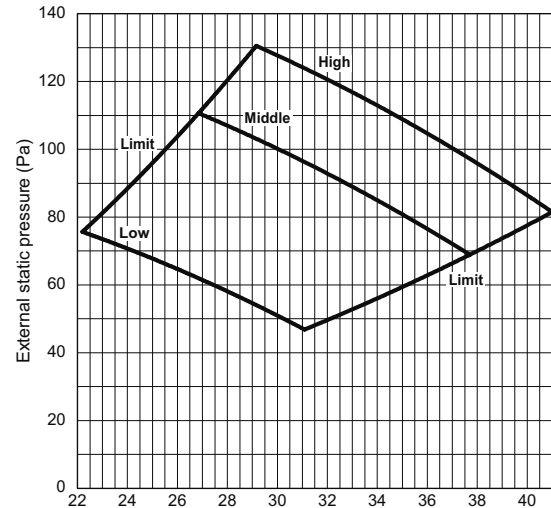
External static pressure: 70Pa
Powersource: 220-240V



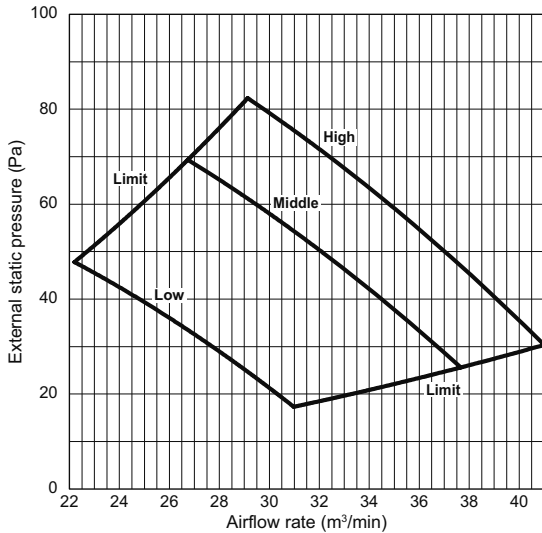
External static pressure: 40Pa
Powersource: 220-240V



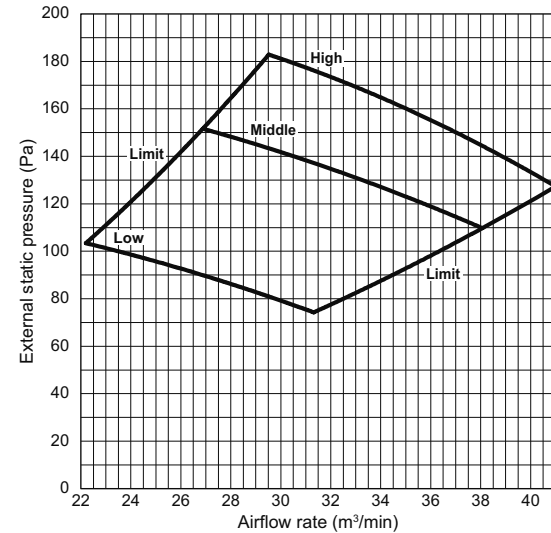
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V



CEILING-
CONCEALED

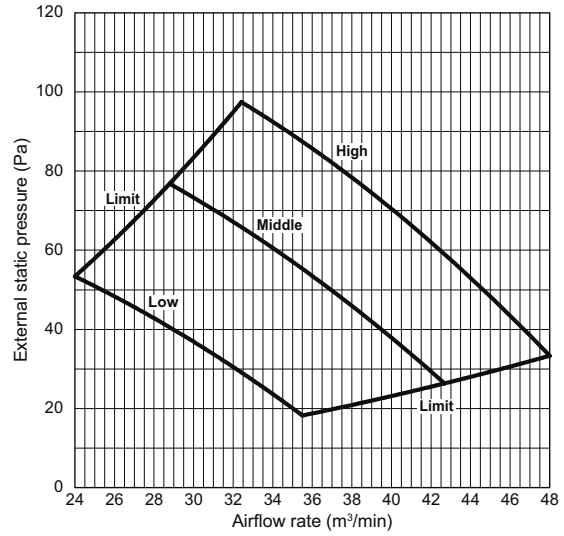
FAN PERFORMANCE

PEAD-M140JA2
PEAD-M140JAL2

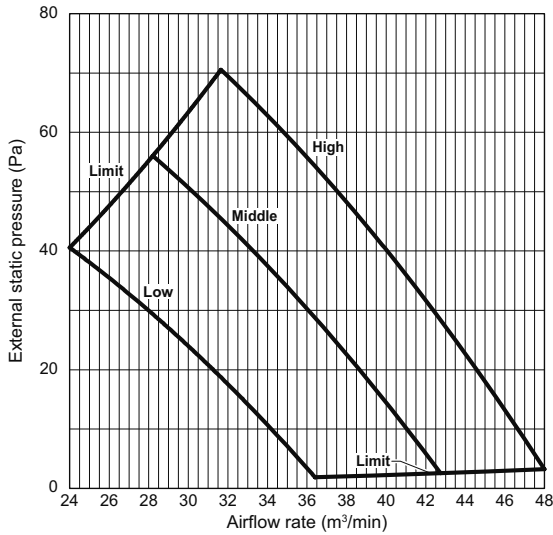
CEILING-
CONCEALED

FAN PERFORMANCE

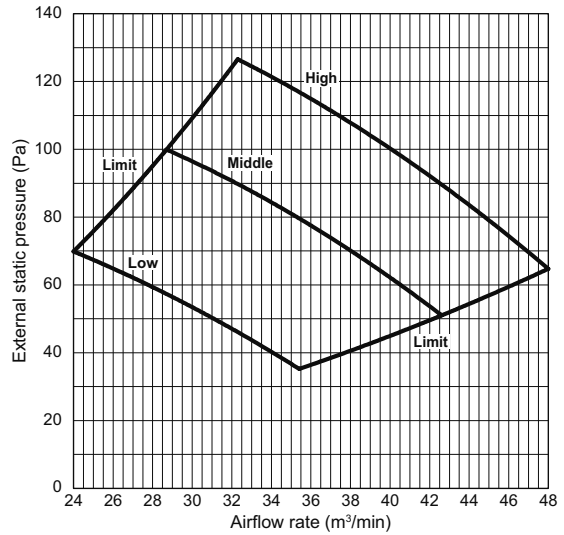
External static pressure: 70Pa
Powersource: 220-240V



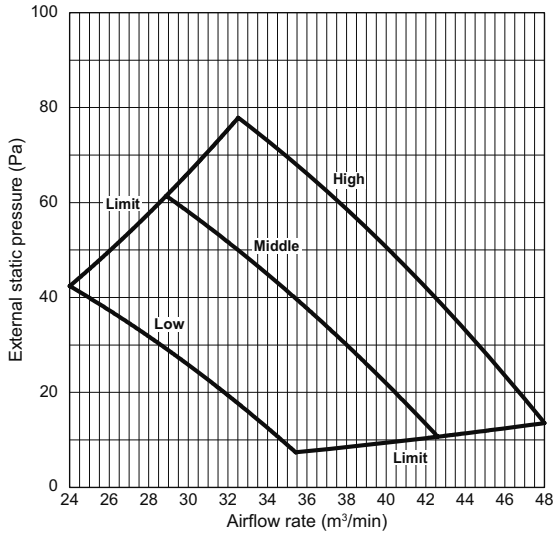
External static pressure: 40Pa
Powersource: 220-240V



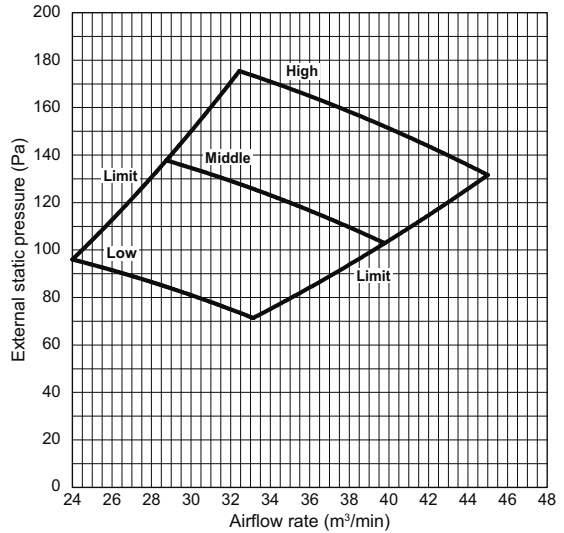
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V

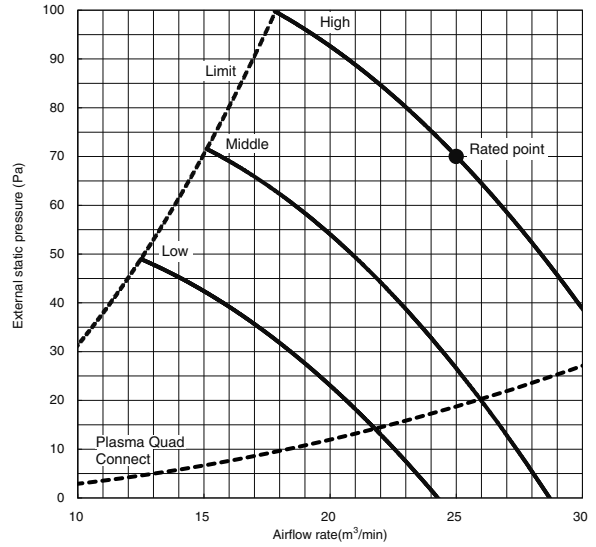


External static pressure: 150Pa
Powersource: 220-240V

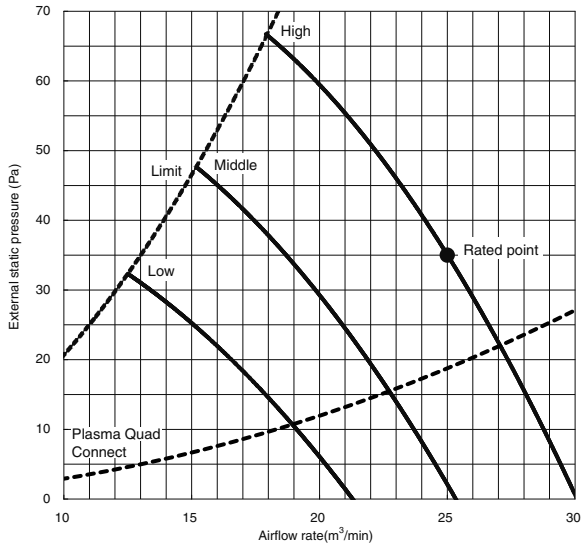


PEAD-SM71JA
PEAD-SM71JAL

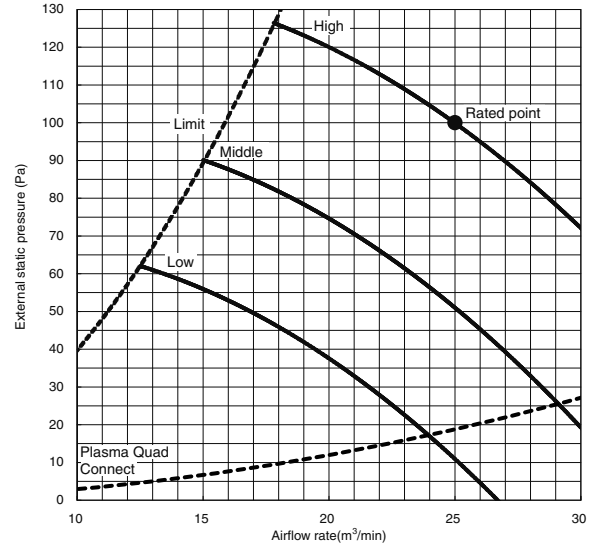
(External static pressure 70Pa) 220-240V 50/60Hz



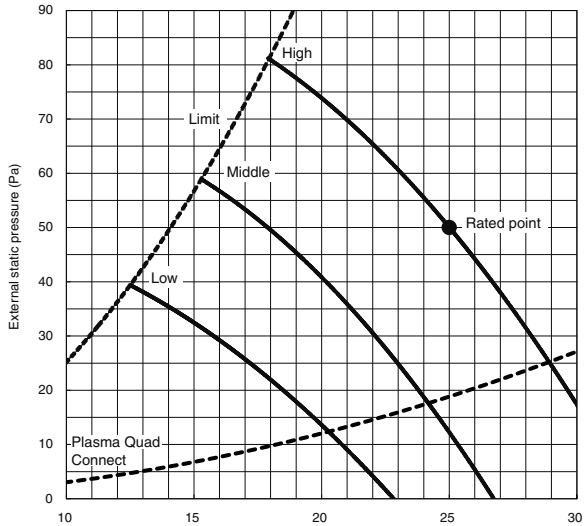
(External static pressure 35Pa) 220-240V 50/60Hz



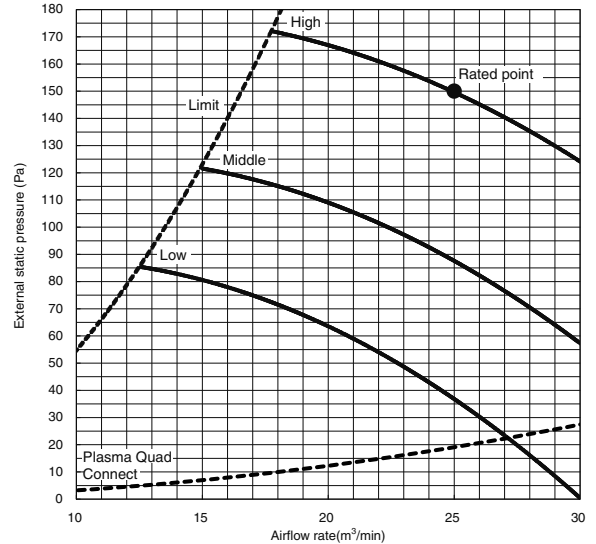
(External static pressure 100Pa) 220-240V 50/60Hz



(External static pressure 50Pa) 220-240V 50/60Hz



(External static pressure 150Pa) 220-240V 50/60Hz



CEILING-
CONCEALED

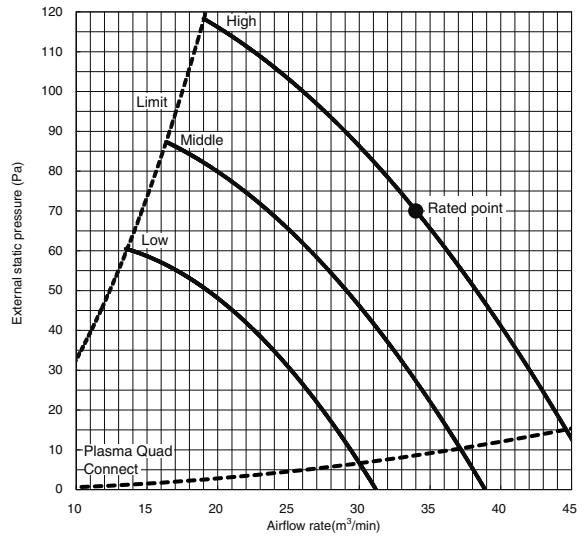
FAN PERFORMANCE

PEAD-SM100JA
PEAD-SM100JAL

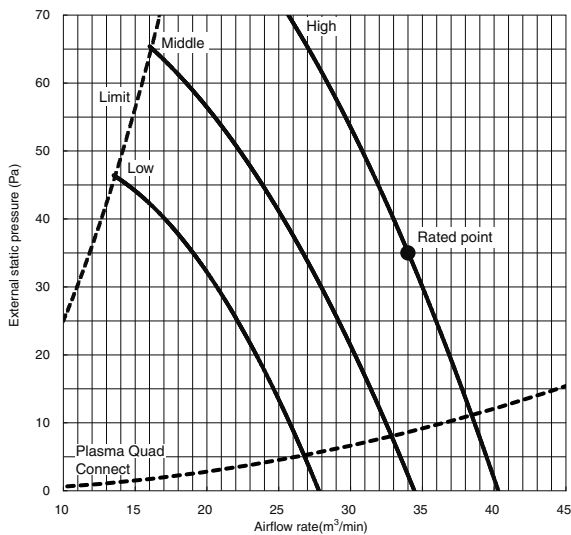
CEILING-
CONCEALED

FAN PERFORMANCE

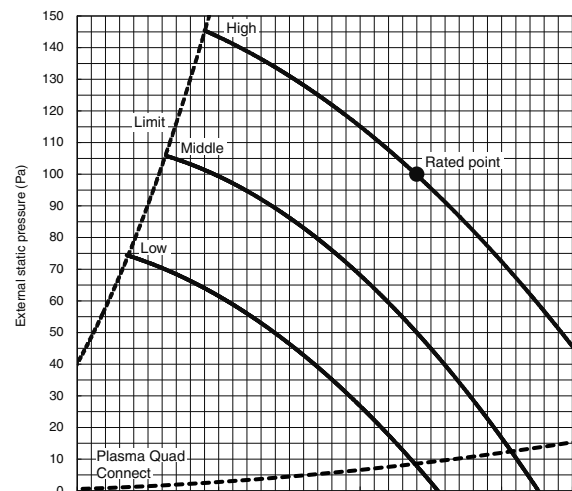
(External static pressure 70Pa) 220-240V 50/60Hz



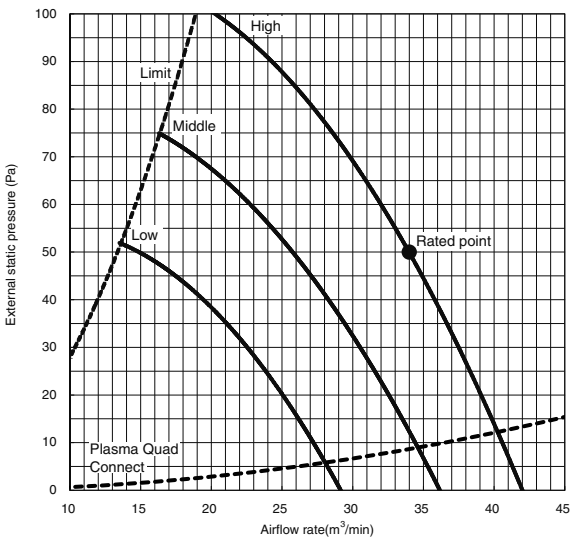
(External static pressure 35Pa) 220-240V 50/60Hz



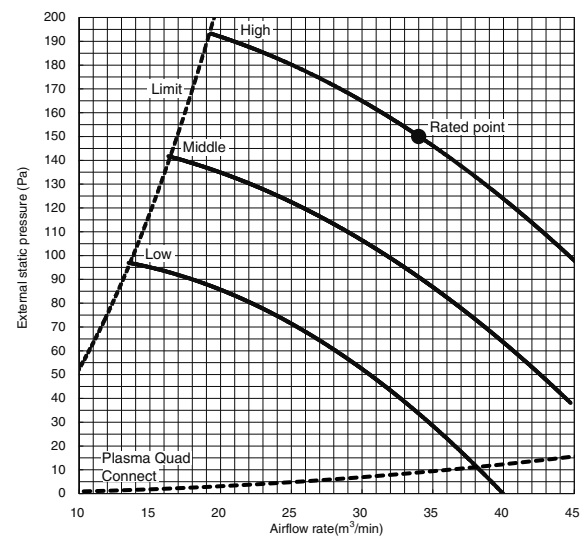
(External static pressure 100Pa) 220-240V 50/60Hz



(External static pressure 50Pa) 220-240V 50/60Hz

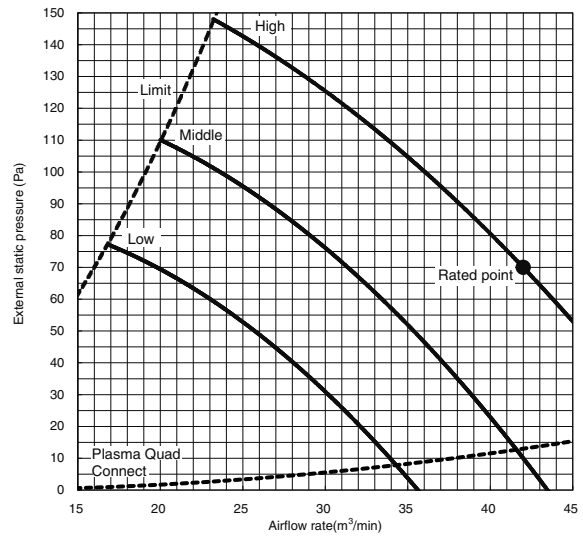


(External static pressure 150Pa) 220-240V 50/60Hz

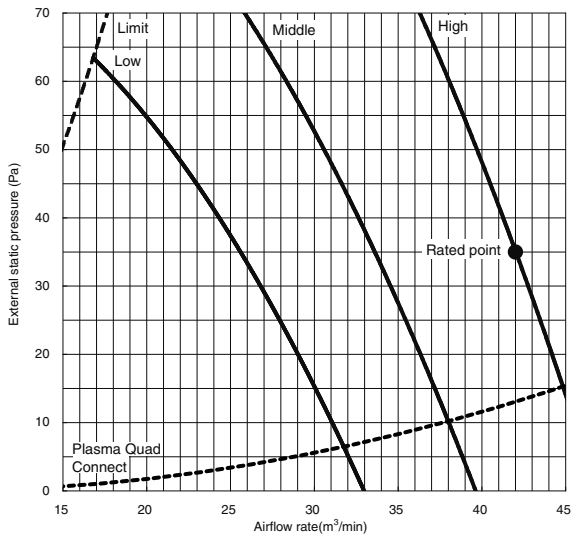


PEAD-SM125JA
PEAD-SM125JAL

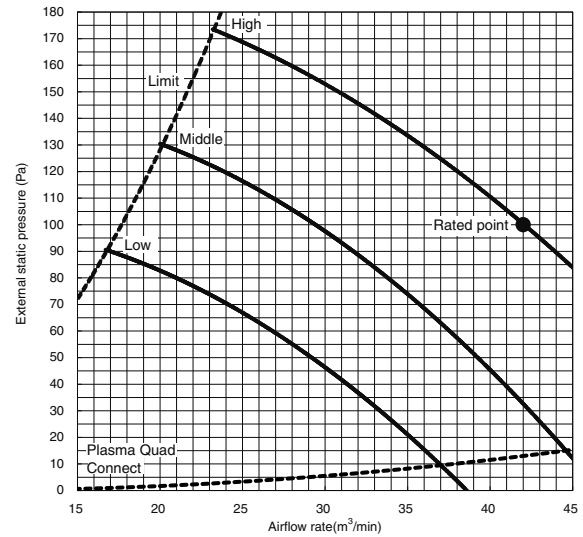
(External static pressure 70Pa) 220-240V 50/60Hz



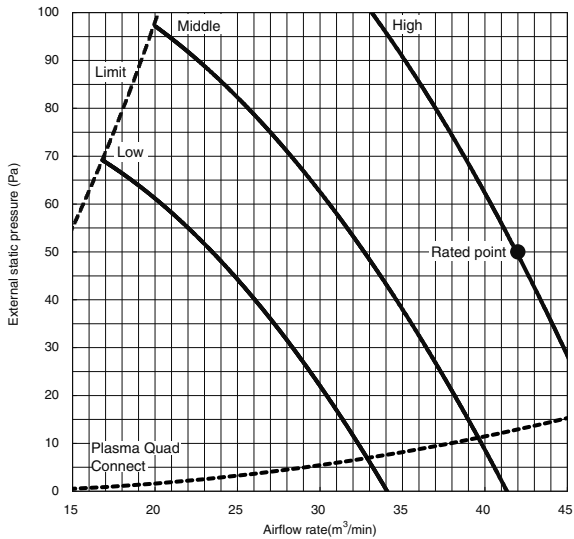
(External static pressure 35Pa) 220-240V 50/60Hz



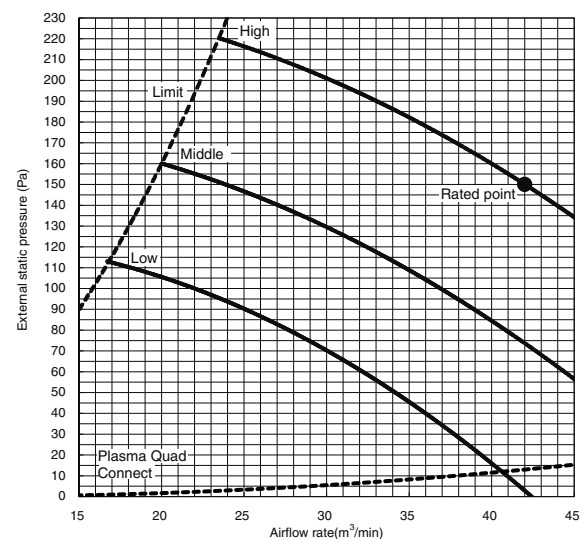
(External static pressure 100Pa) 220-240V 50/60Hz



(External static pressure 50Pa) 220-240V 50/60Hz



(External static pressure 150Pa) 220-240V 50/60Hz



CEILING-
CONCEALED

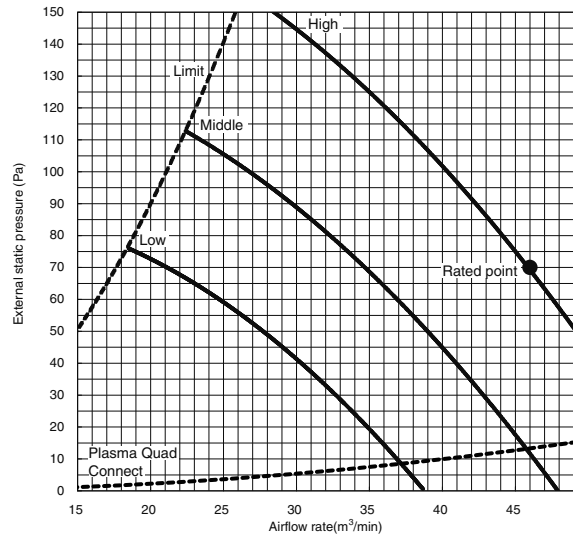
FAN PERFORMANCE

PEAD-SM140JA
PEAD-SM140JAL

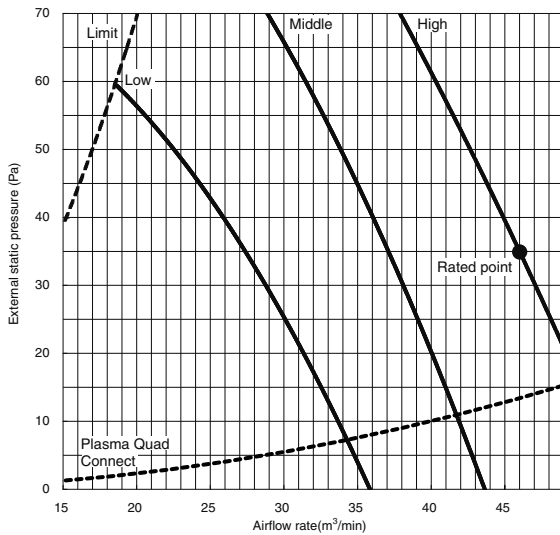
CEILING-
CONCEALED

FAN PERFORMANCE

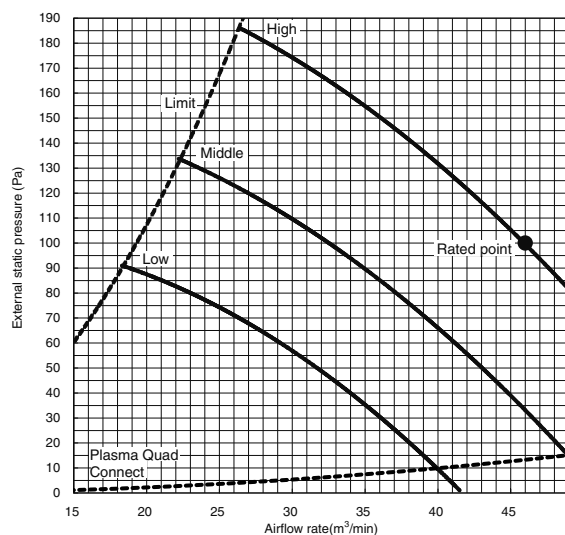
(External static pressure 70Pa) 220-240V 50/60Hz



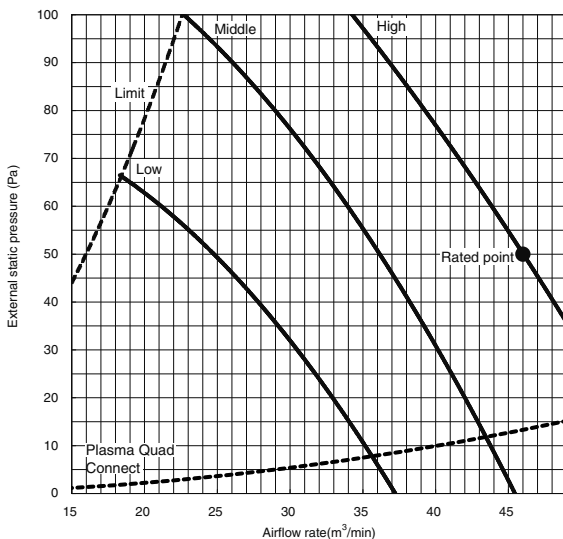
(External static pressure 35Pa) 220-240V 50/60Hz



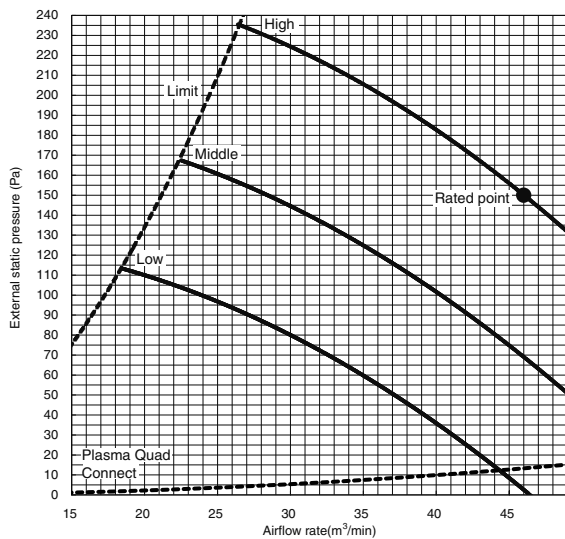
(External static pressure 100Pa) 220-240V 50/60Hz



(External static pressure 50Pa) 220-240V 50/60Hz



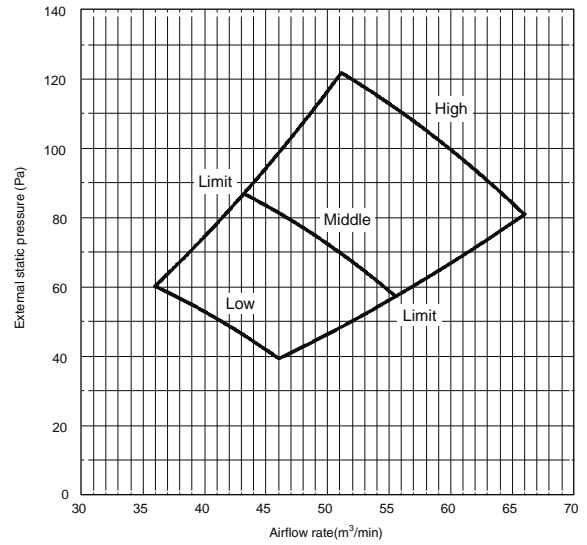
(External static pressure 150Pa) 220-240V 50/60Hz



A.6.6.2 PEA-M-LA

PEA-M200LA

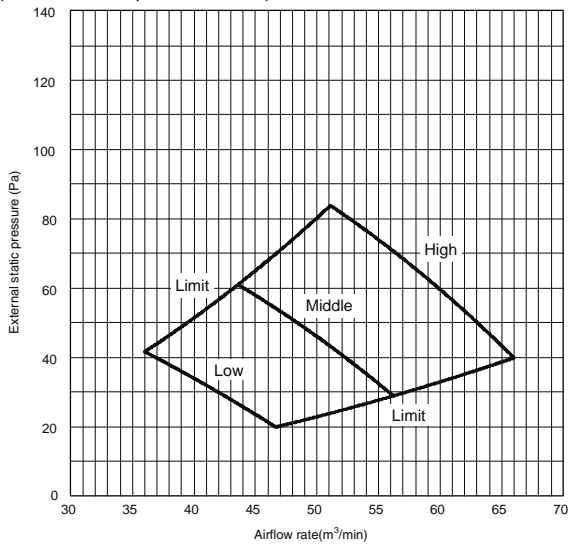
(External static pressure 100Pa) 220-240V 50Hz



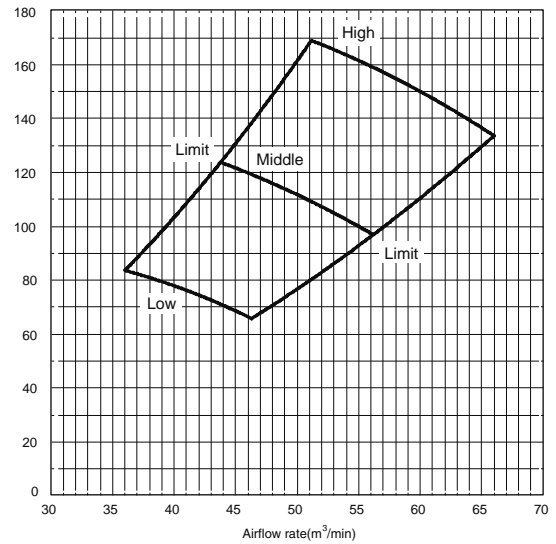
CEILING-CONCEALED

FAN PERFORMANCE

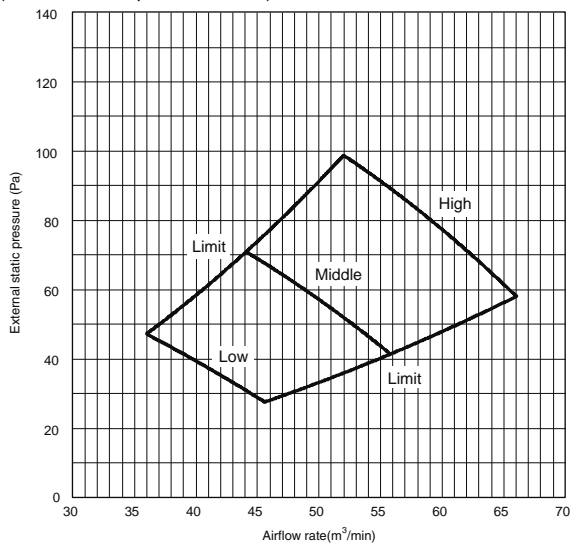
(External static pressure 60Pa) 220-240V 50Hz



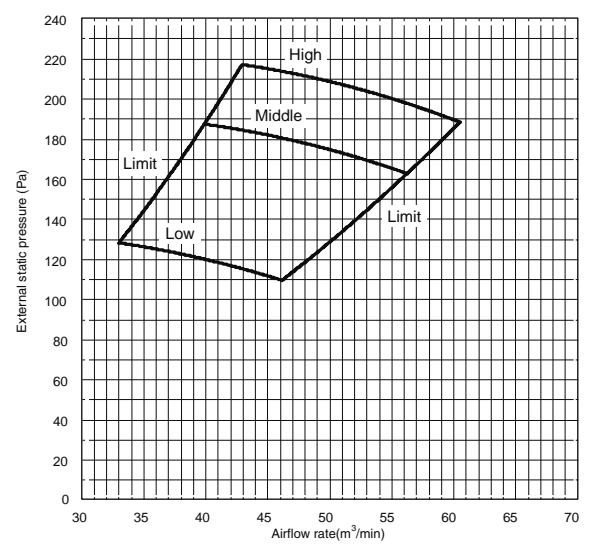
(External static pressure 150Pa) 220-240V 50Hz



(External static pressure 75Pa) 220-240V 50Hz



(External static pressure 200Pa) 220-240V 50Hz

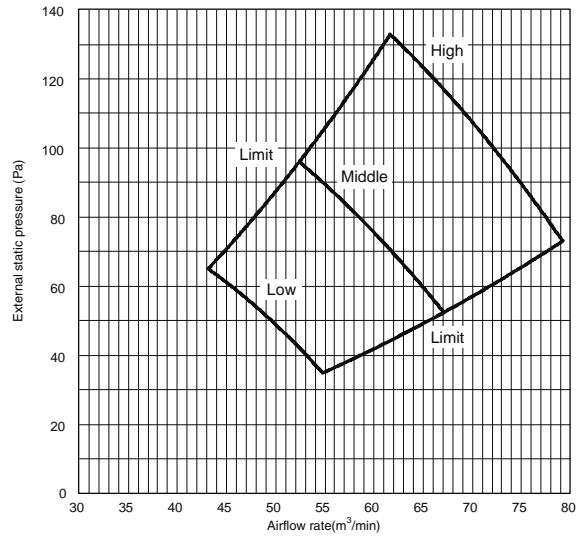


PEA-M250LA

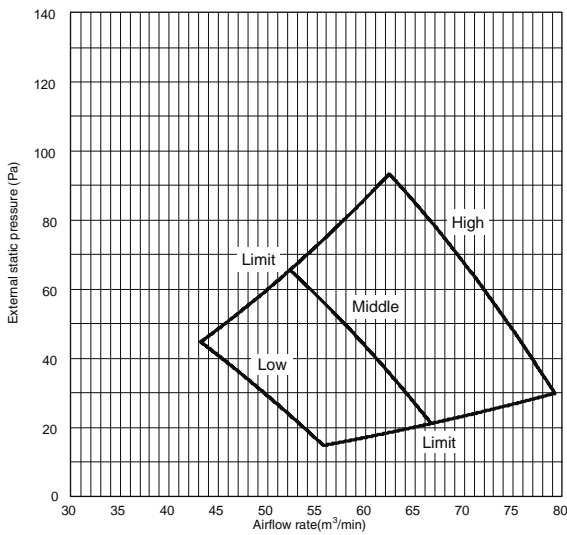
CEILING-
CONCEALED

FAN PERFORMANCE

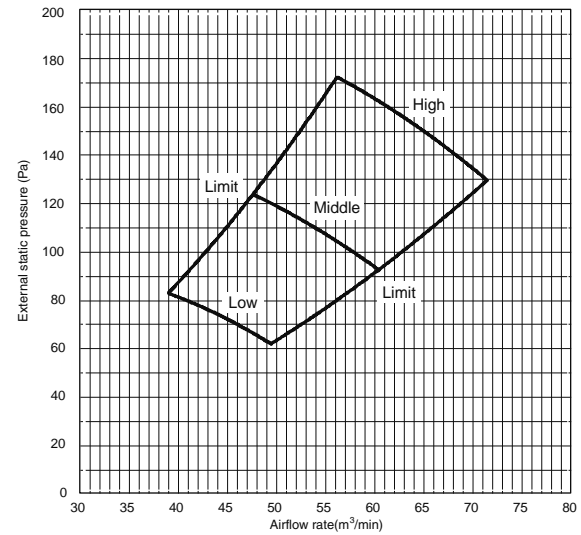
(External static pressure 100Pa) 220-240V 50Hz



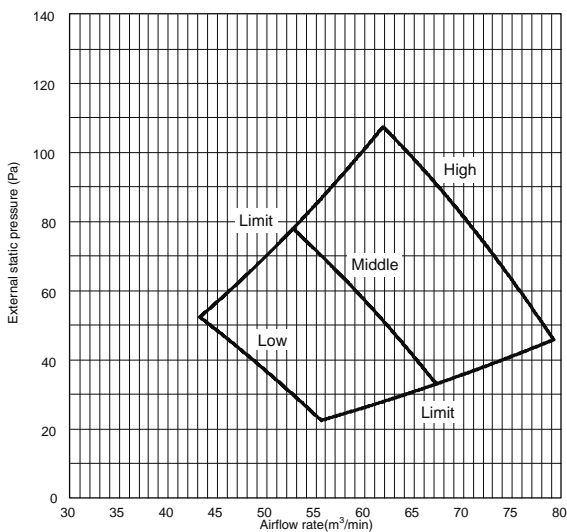
(External static pressure 60Pa) 220-240V 50Hz



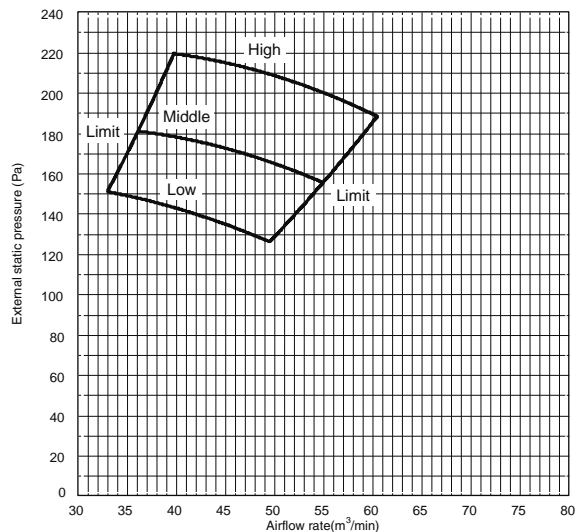
(External static pressure 150Pa) 220-240V 50Hz



(External static pressure 75Pa) 220-240V 50Hz

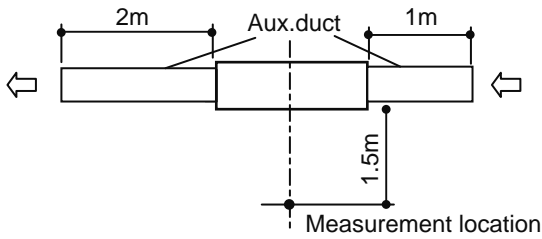


(External static pressure 200Pa) 220-240V 50Hz



A.6.7 NOISE CRITERIA CURVES

Ceiling concealed



Noise level at anechoic room (Low-Middle-High) Unit:dB(A)

Model	Exernal static pressure				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEAD-M35JA(L)2 PEAD-SM35JA(L)	24-29-32	25-32-34	28-32-36	30-34-38	33-38-42
PEAD-M50JA(L)2 PEAD-SM50JA(L)	27-33-35	28-33-36	31-34-38	31-36-40	34-39-43
PEAD-SM71JA(L)	25-29-34	26-30-34	27-31-35	28-32-36	30-35-39
PEAD-SM100JA(L)	28-33-38	29-34-38	30-35-39	31-36-40	34-40-43
PEAD-SM125JA(L)	31-36-40	33-36-40	33-37-41	34-39-42	37-41-45
PEAD-SM140JA(L)	33-37-43	34-38-43	34-39-44	36-40-45	38-42-46

Model	Exernal static pressure				
	40Pa	50Pa	70Pa	100Pa	150Pa
PEAD-M60JA(L)2 PEAD-SM60JA(L)	26-32-35	30-33-36	30-34-38	31-36-40	34-40-43
PEAD-M71JA(L)2	26-32-37	30-33-38	30-34-40	31-36-41	34-40-44
PEAD-M100JA(L)2	31-36-39	32-37-40	34-39-42	36-41-44	38-44-47
PEAD-M125JA(L)2	34-38-40	35-39-41	35-40-42	36-41-43	39-44-46
PEAD-M140JA(L)2	34-38-40	34-38-41	35-39-41	36-40-43	38-42-46

Model	Exernal static pressure				
	60Pa	75Pa	100Pa	150Pa	200Pa
PEA-M200LA	34-39-43	35-40-43	36-41-44	39-43-47	41-46-47
PEA-M250LA	37-42-45	38-43-47	39-43-47	39-44-47	43-45-47

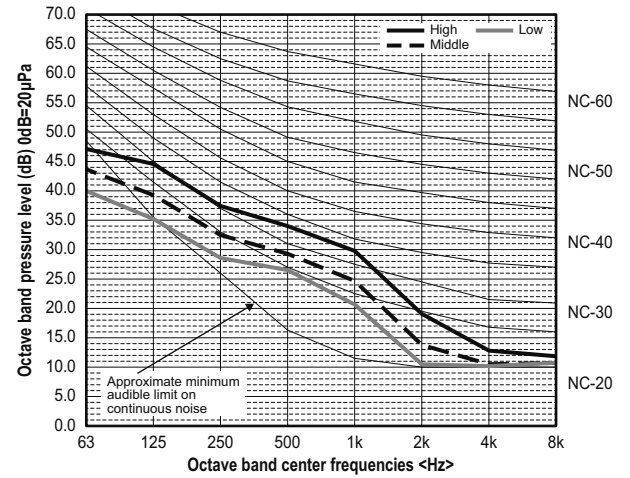
CEILING-
CONCEALED

NOISE CRITERIA CURVES

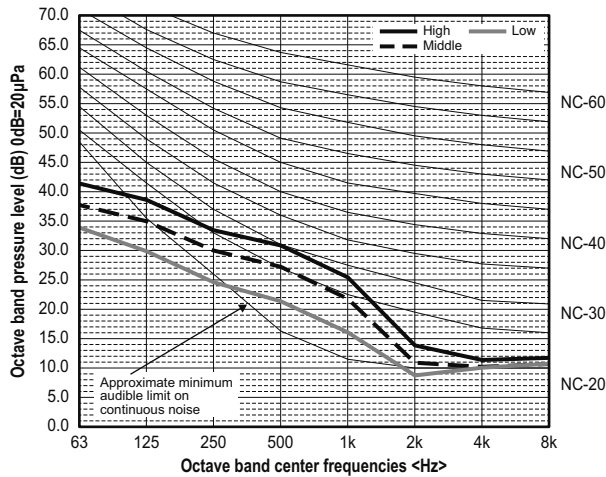
PEAD-M35JA2
 PEAD-M35JAL2
 PEAD-SM35JA
 PEAD-SM35JAL

CEILING-CONCEALED
NOISE CRITERIA CURVES

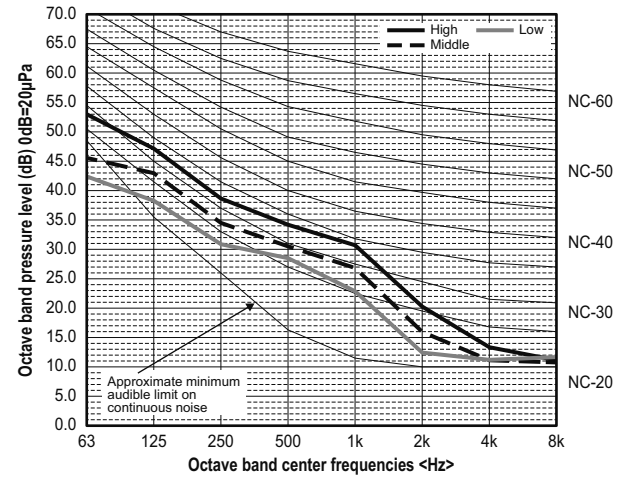
External static pressure: 70Pa
 Powersource: 220-240V



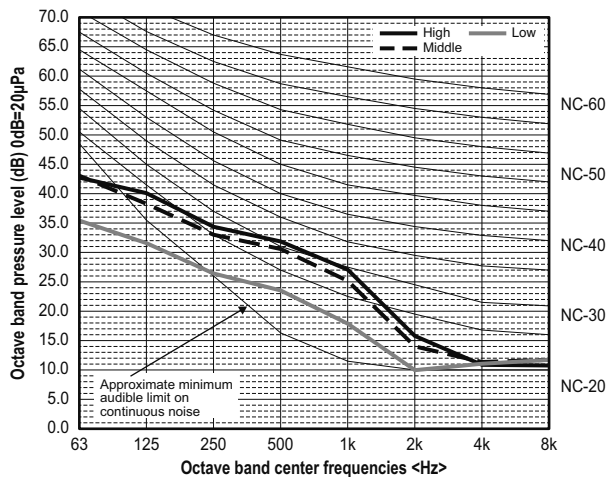
External static pressure: 35Pa
 Powersource: 220-240V



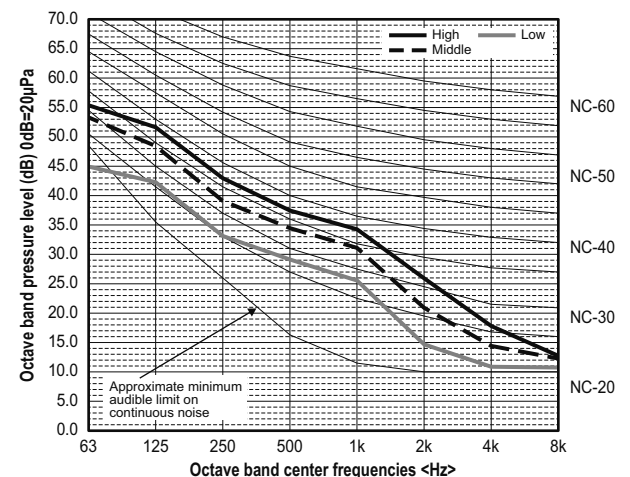
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



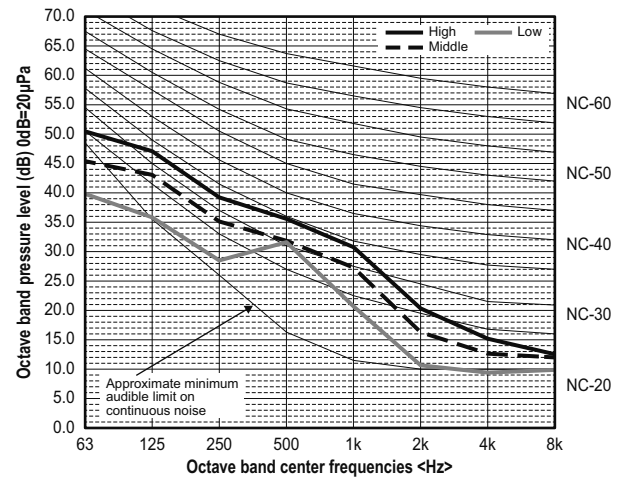
External static pressure: 150Pa
 Powersource: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M50JA2
 PEAD-M50JAL2
 PEAD-SM50JA
 PEAD-SM50JAL

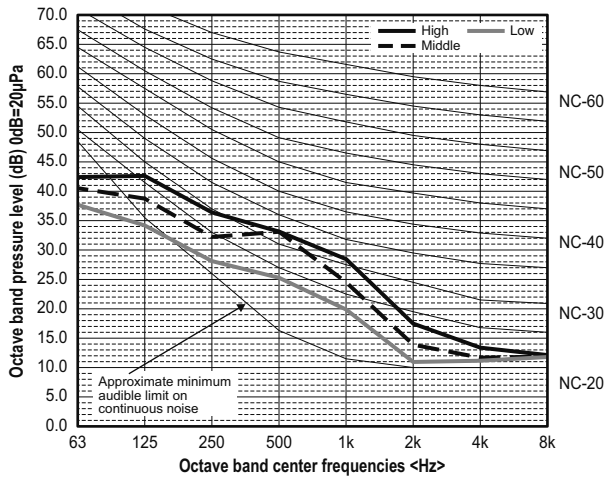
External static pressure: 70Pa
 Powersource: 220-240V



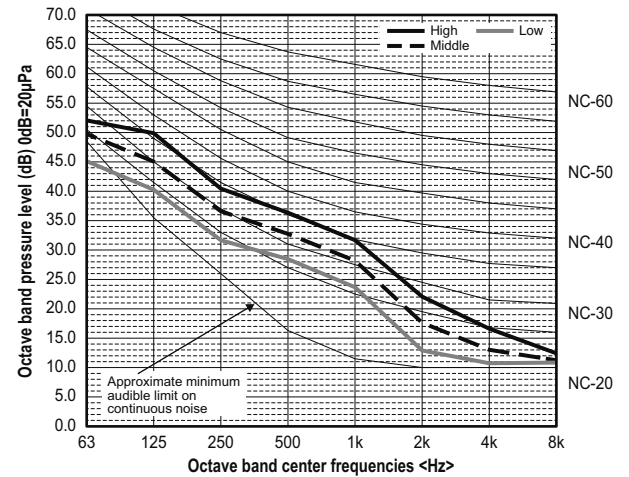
CEILING-
CONCEALED

NOISE CRITERIA CURVES

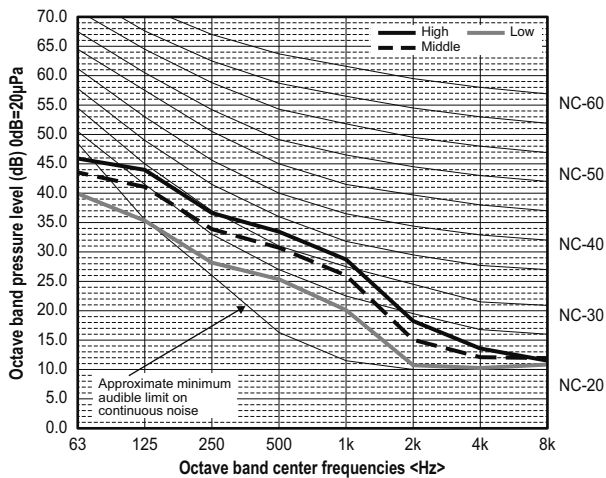
External static pressure: 35Pa
 Powersource: 220-240V



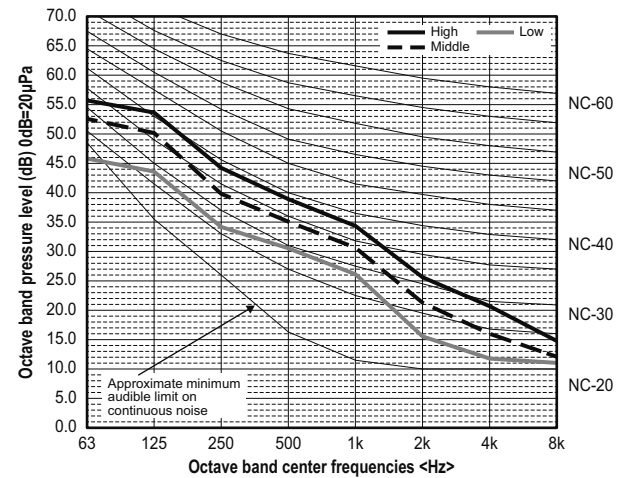
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



External static pressure: 150Pa
 Powersource: 220-240V

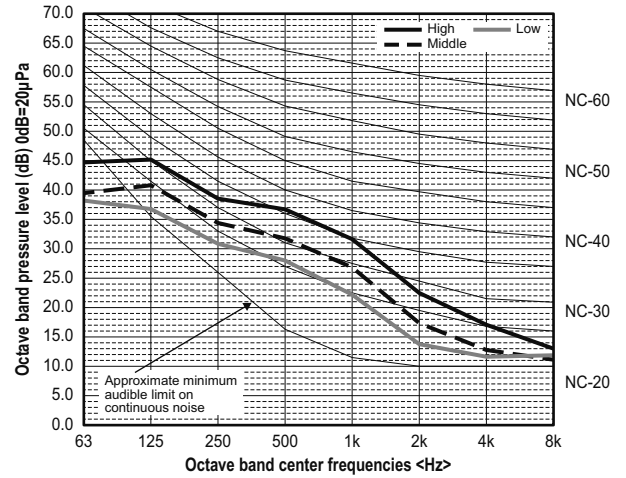


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

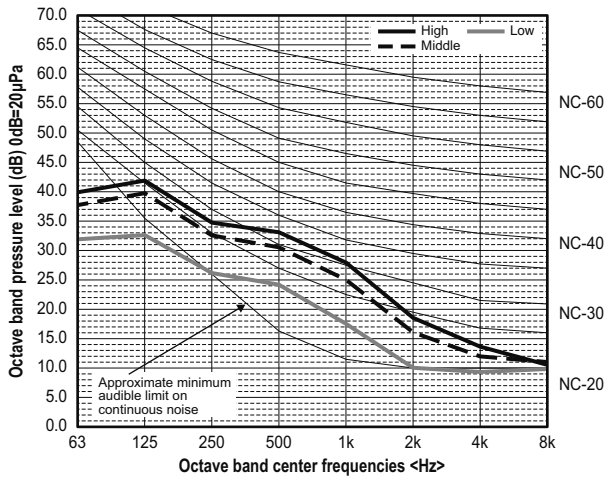
PEAD-M60JA2
PEAD-M60JAL2
PEAD-SM60JA
PEAD-SM60JAL

CEILING-CONCEALED NOISE CRITERIA CURVES

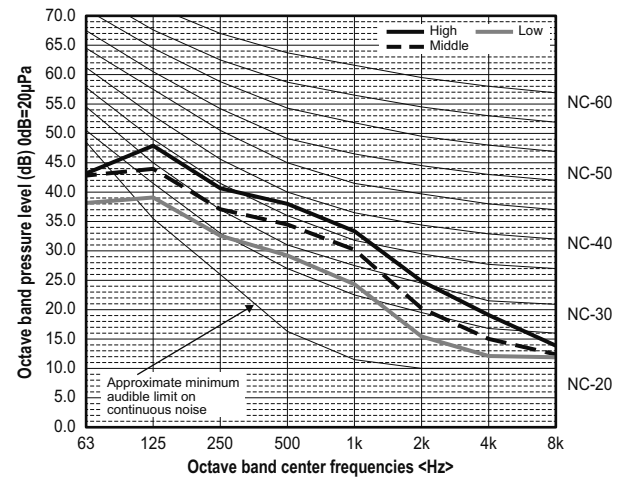
External static pressure: 70Pa
 Powersource: 220-240V



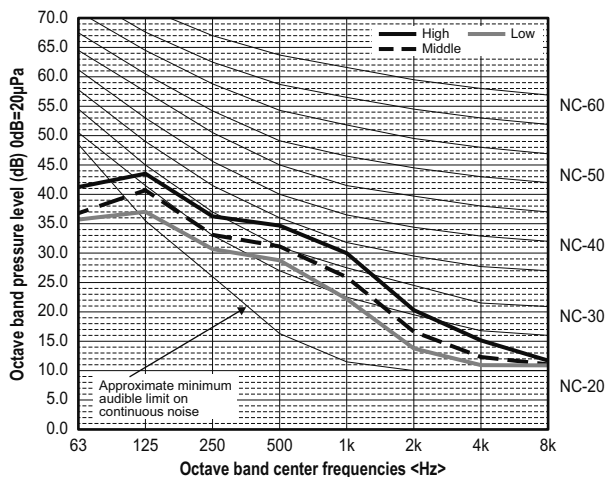
External static pressure: 40Pa
 Powersource: 220-240V



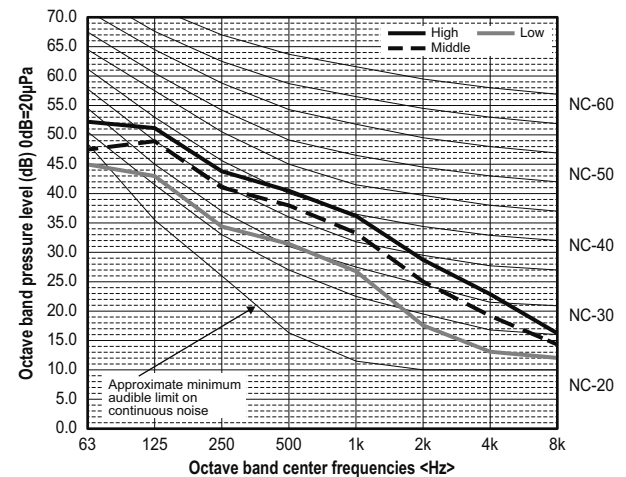
External static pressure: 100Pa
 Powersource: 220-240V



External static pressure: 50Pa
 Powersource: 220-240V



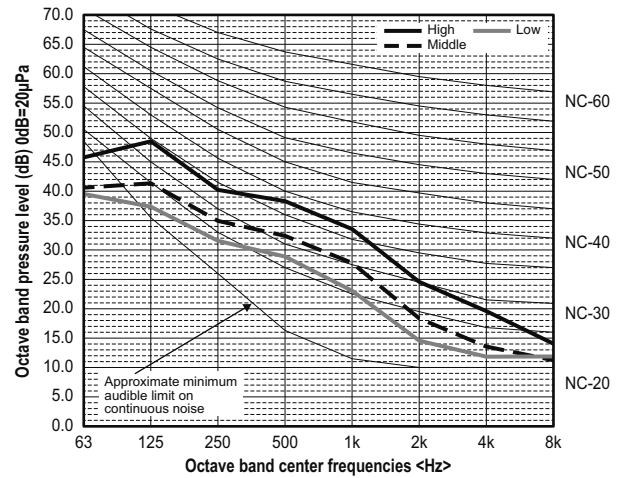
External static pressure: 150Pa
 Powersource: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M71JA2
PEAD-M71JAL2

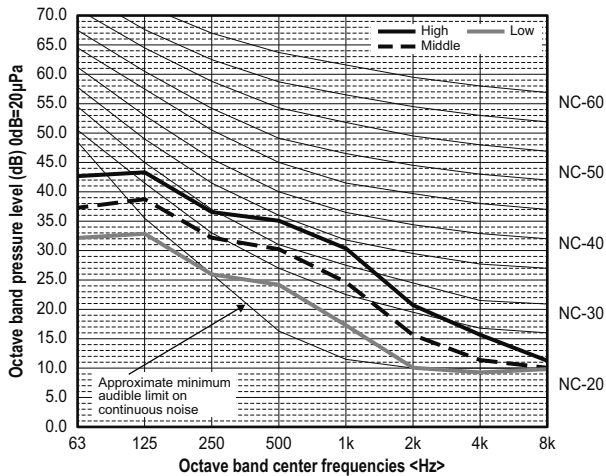
External static pressure: 70Pa
Powersource: 220-240V



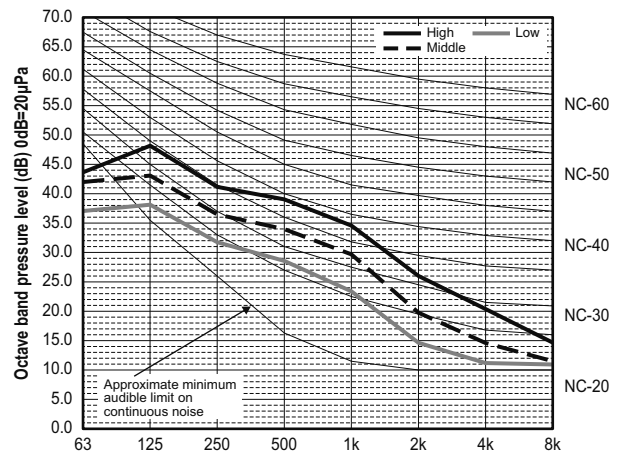
CEILING-
CONCEALED

NOISE CRITERIA CURVES

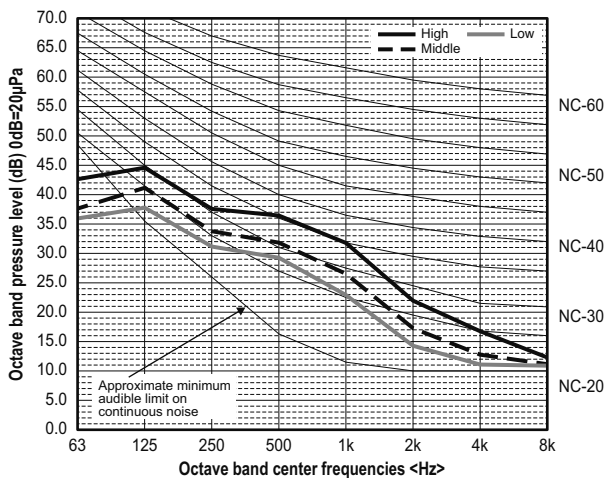
External static pressure: 40Pa
Powersource: 220-240V



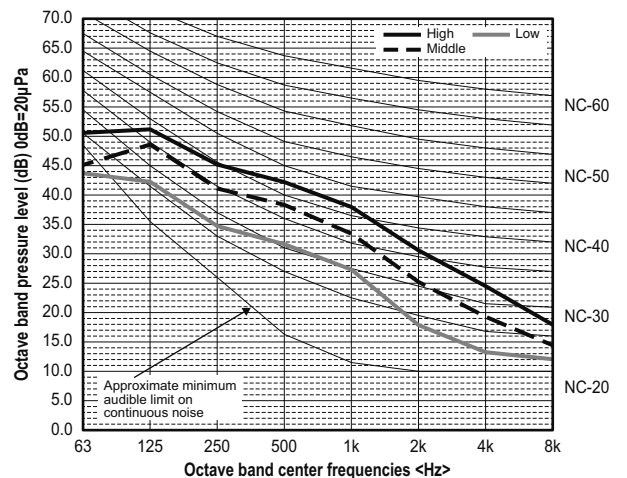
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V

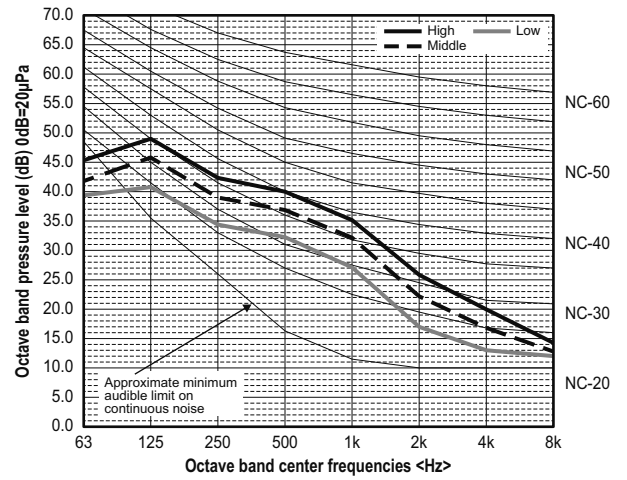


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

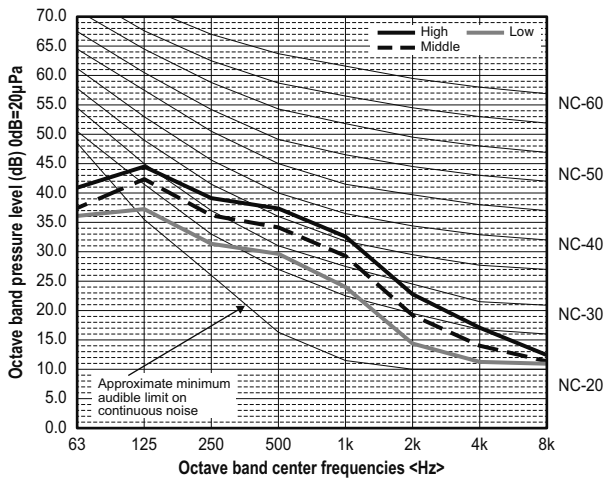
PEAD-M100JA2
PEAD-M100JAL2

CEILING-CONCEALED
NOISE CRITERIA CURVES

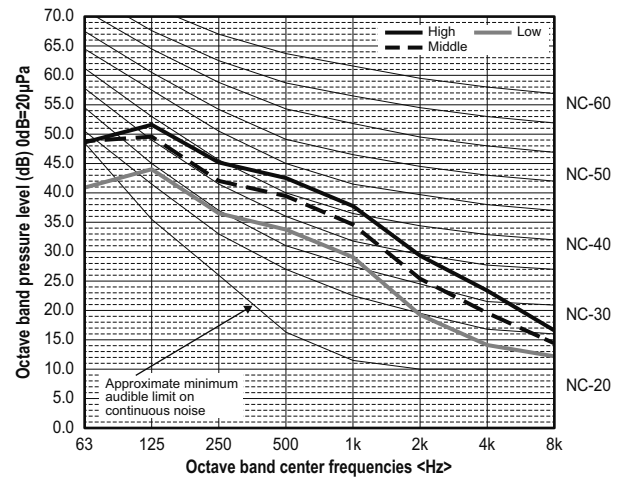
External static pressure: 70Pa
Powersource: 220-240V



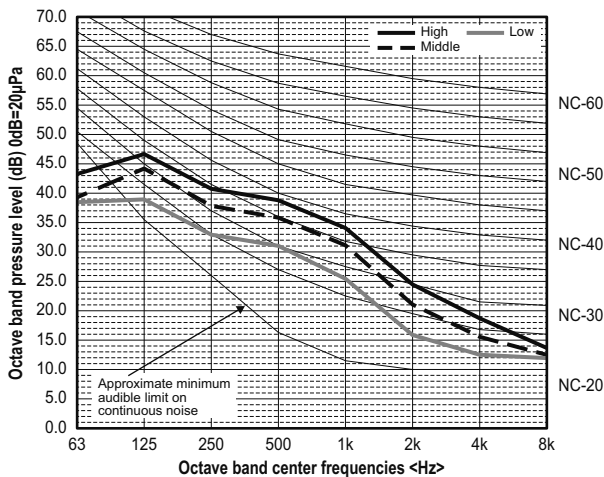
External static pressure: 40Pa
Powersource: 220-240V



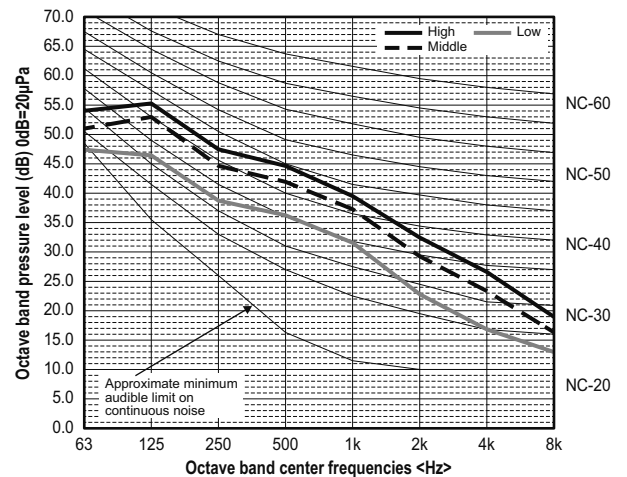
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



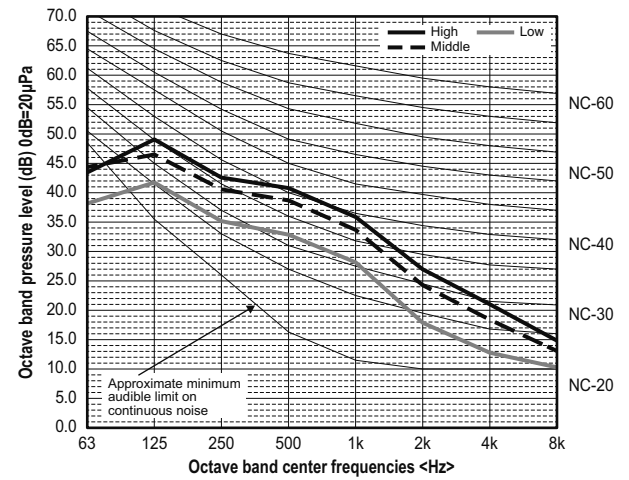
External static pressure: 150Pa
Powersource: 220-240V



NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-M125JA2
PEAD-M125JAL2

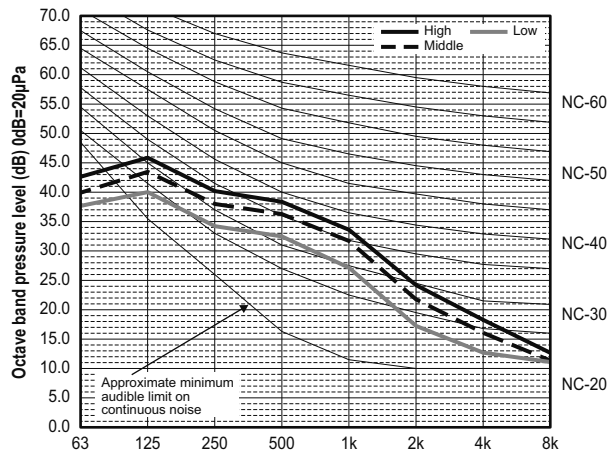
External static pressure: 70Pa
Powersource: 220-240V



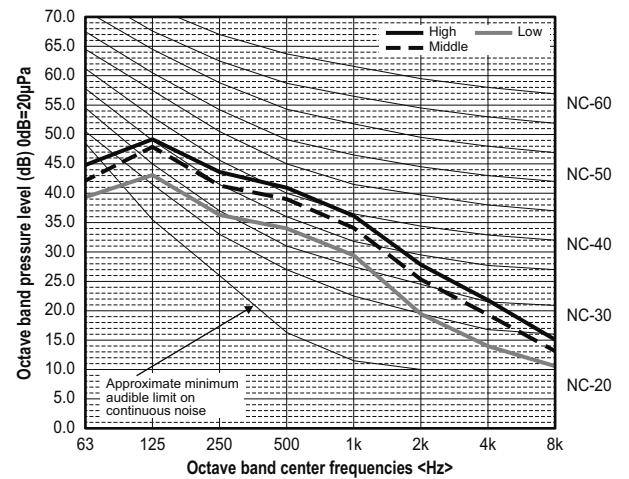
CEILING-
CONCEALED

NOISE CRITERIA CURVES

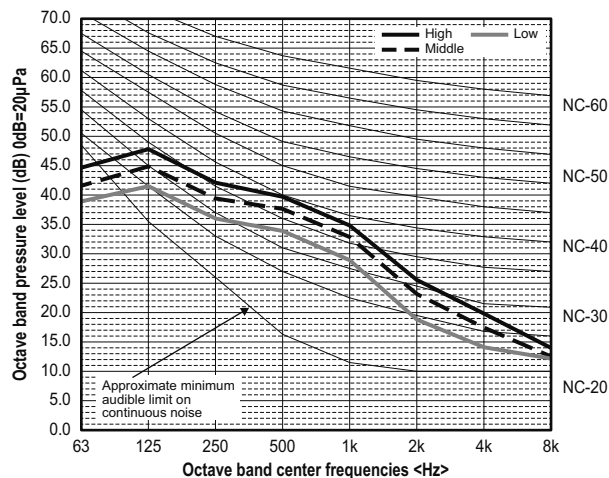
External static pressure: 40Pa
Powersource: 220-240V



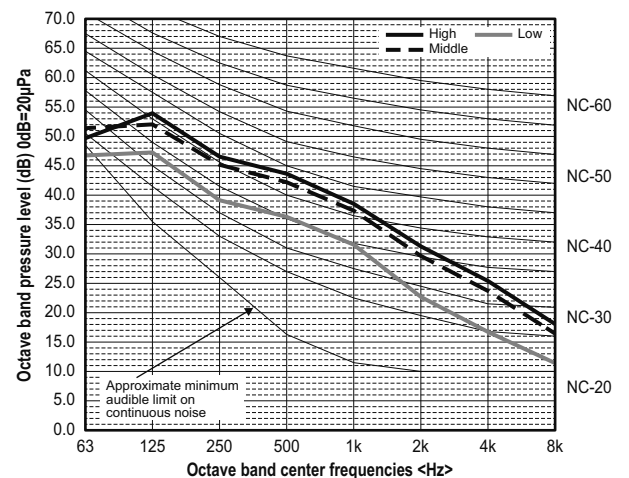
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



External static pressure: 150Pa
Powersource: 220-240V

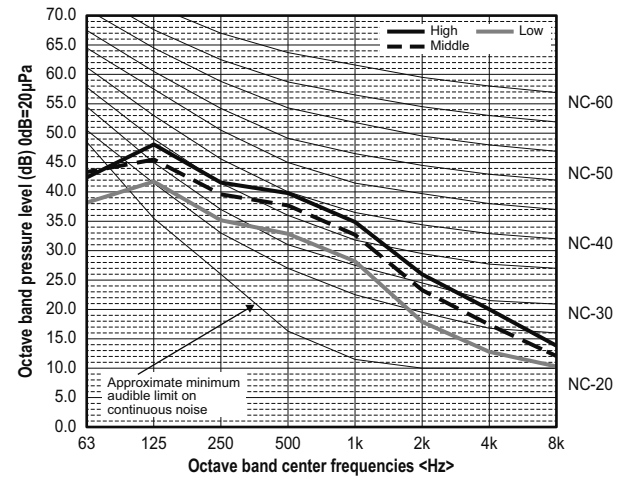


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

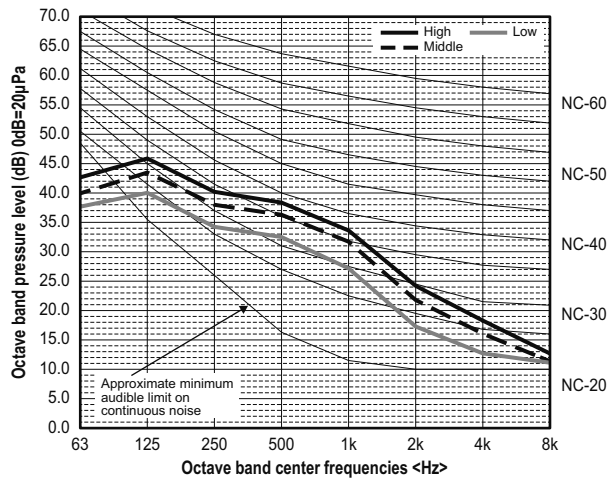
PEAD-M140JA2
PEAD-M140JAL2

CEILING-CONCEALED
NOISE CRITERIA CURVES

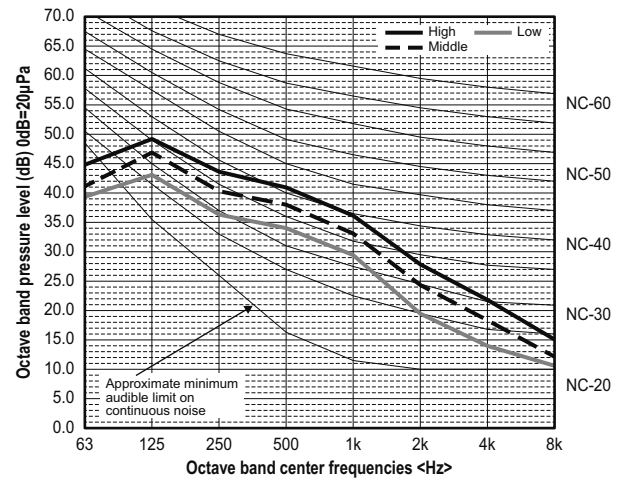
External static pressure: 70Pa
Powersource: 220-240V



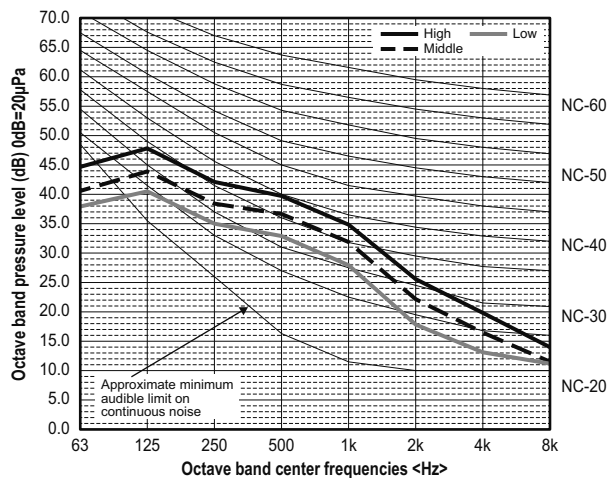
External static pressure: 40Pa
Powersource: 220-240V



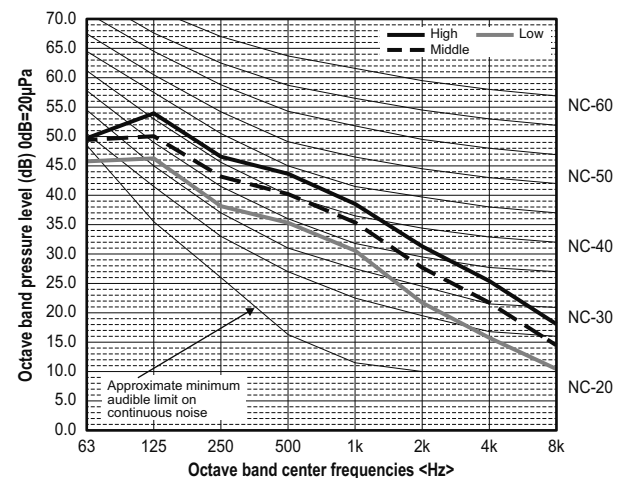
External static pressure: 100Pa
Powersource: 220-240V



External static pressure: 50Pa
Powersource: 220-240V



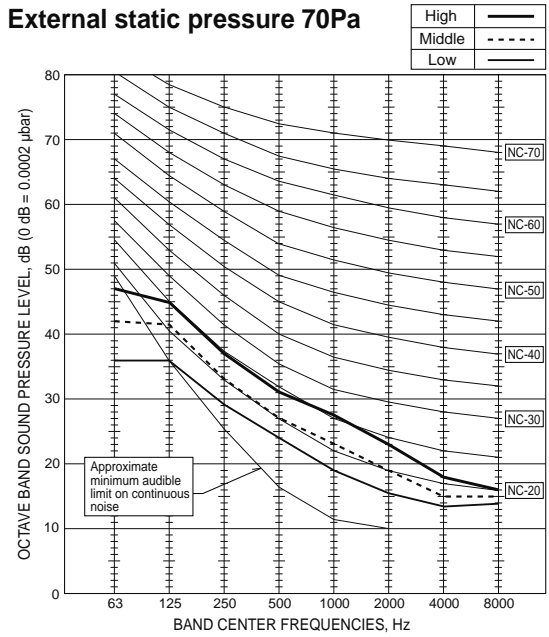
External static pressure: 150Pa
Powersource: 220-240V



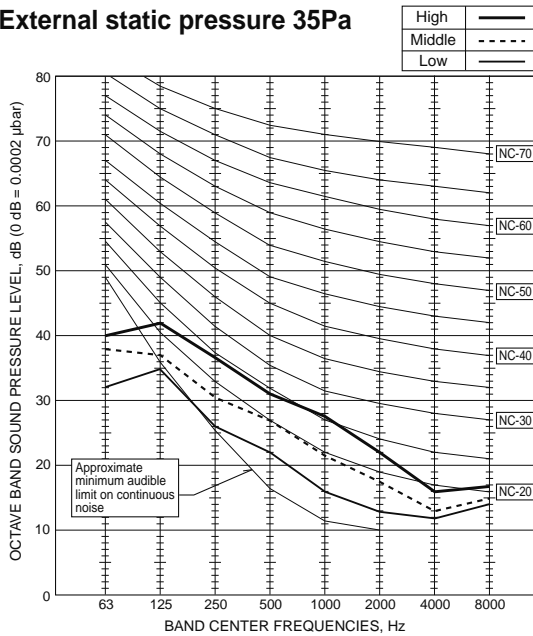
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

PEAD-SM71JA
PEAD-SM71JAL

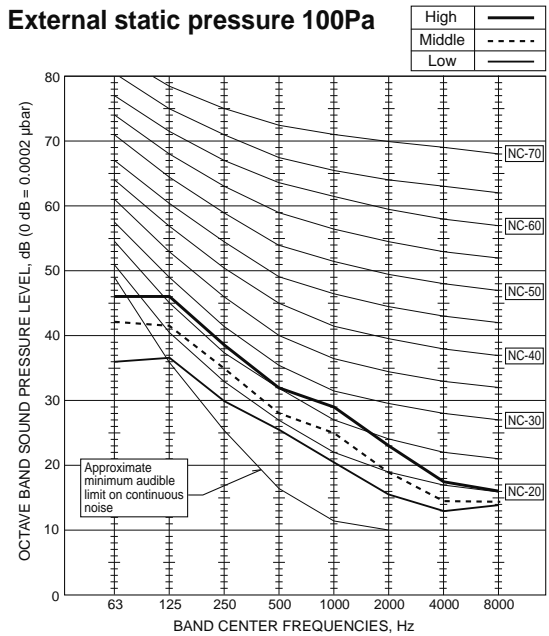
External static pressure 70Pa



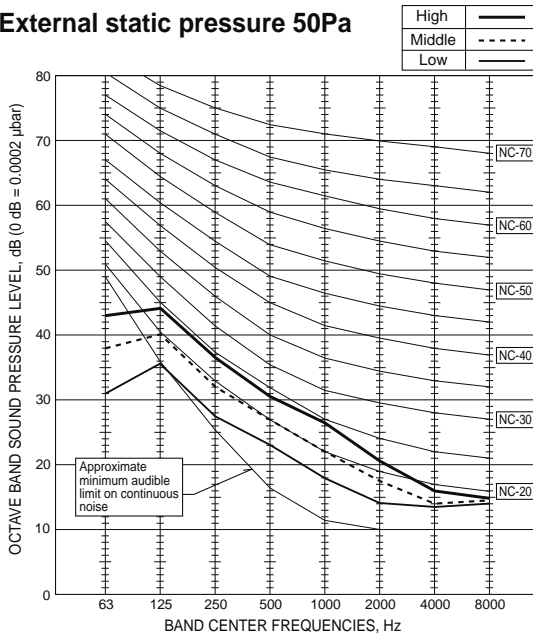
External static pressure 35Pa



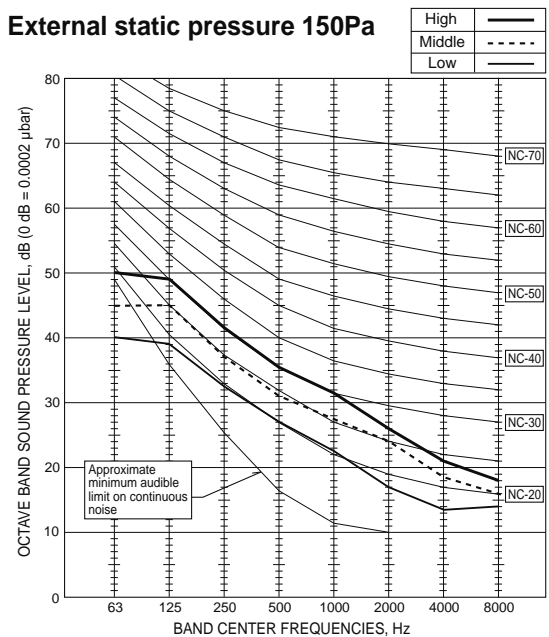
External static pressure 100Pa



External static pressure 50Pa



External static pressure 150Pa



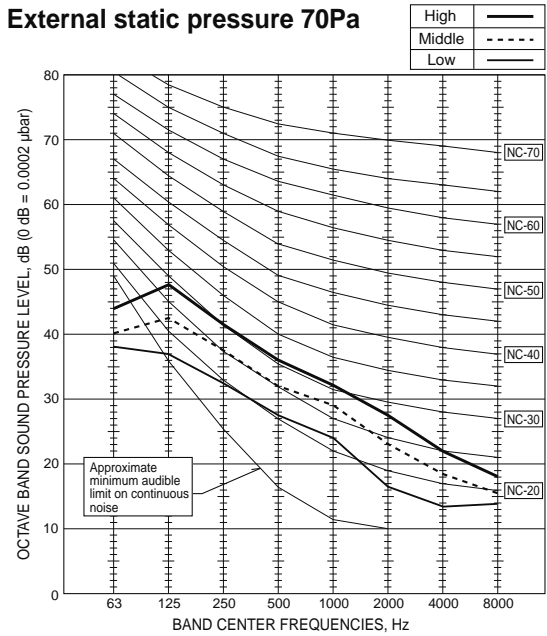
CEILING-CONCEALED
NOISE CRITERIA CURVES

PEAD-SM100JA
PEAD-SM100JAL

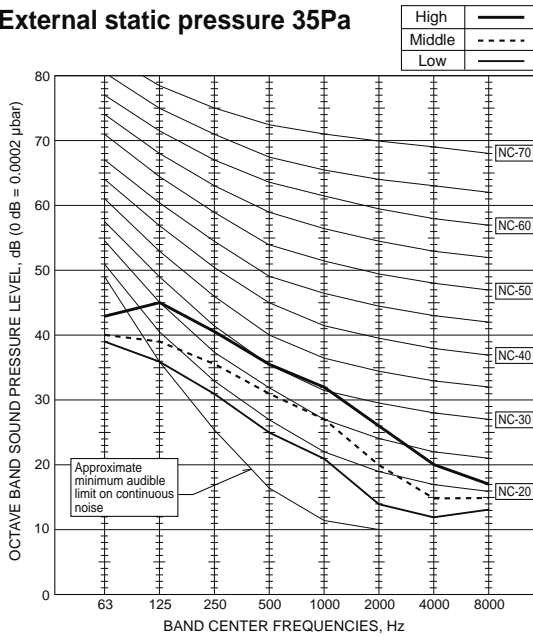
CEILING-
CONCEALED

NOISE CRITERIA CURVES

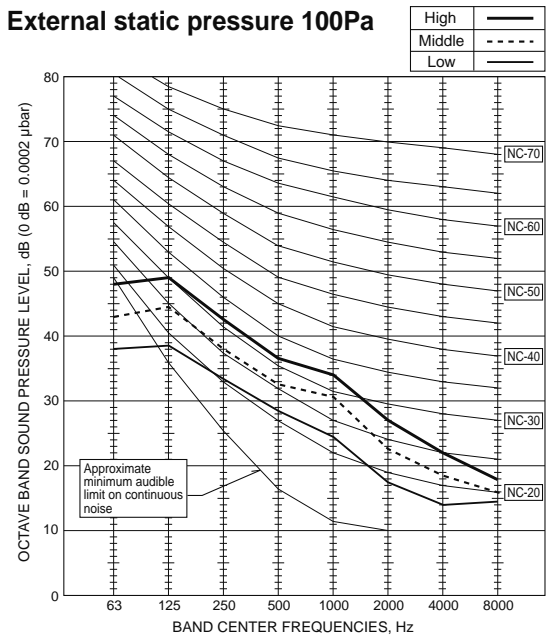
External static pressure 70Pa



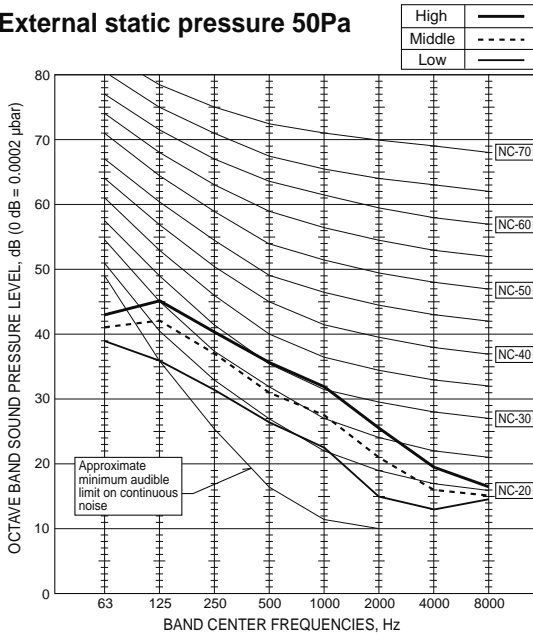
External static pressure 35Pa



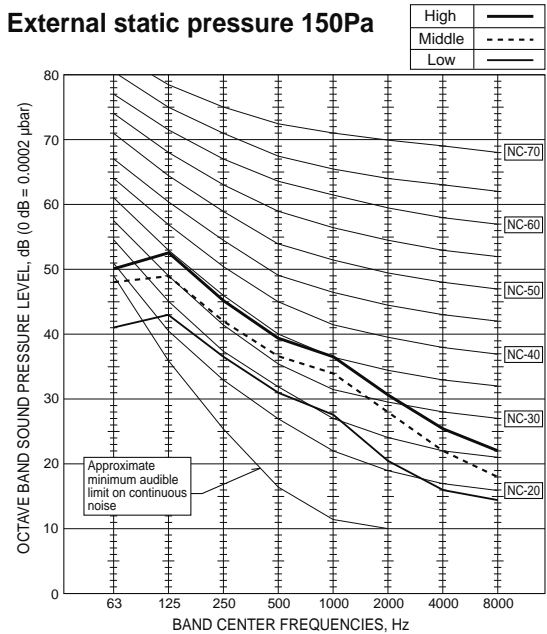
External static pressure 100Pa



External static pressure 50Pa

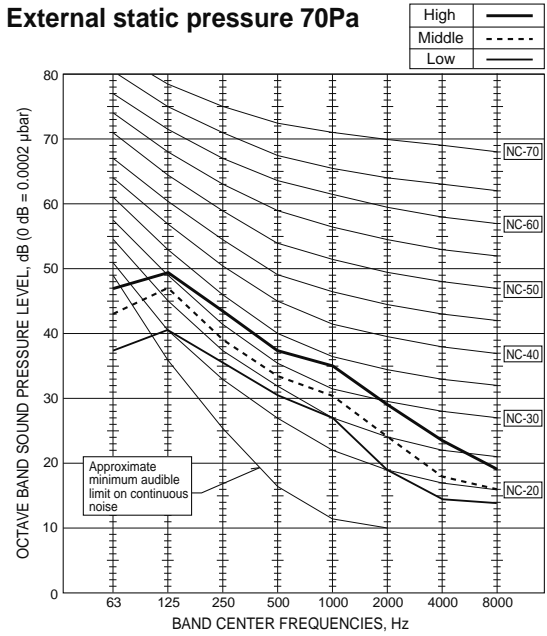


External static pressure 150Pa

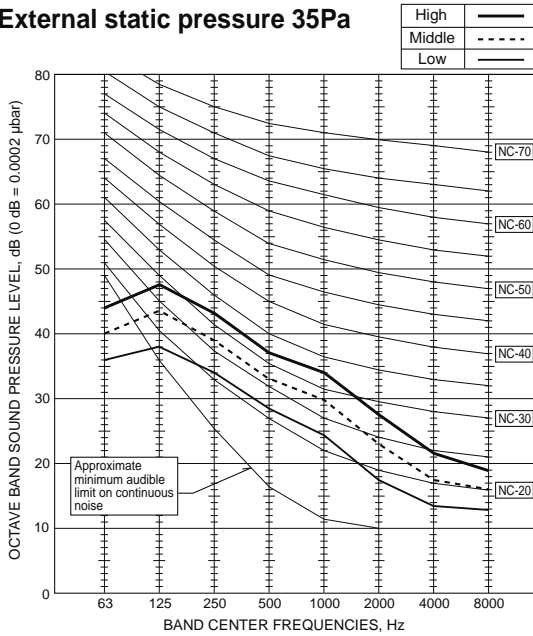


PEAD-SM125JA
PEAD-SM125JAL

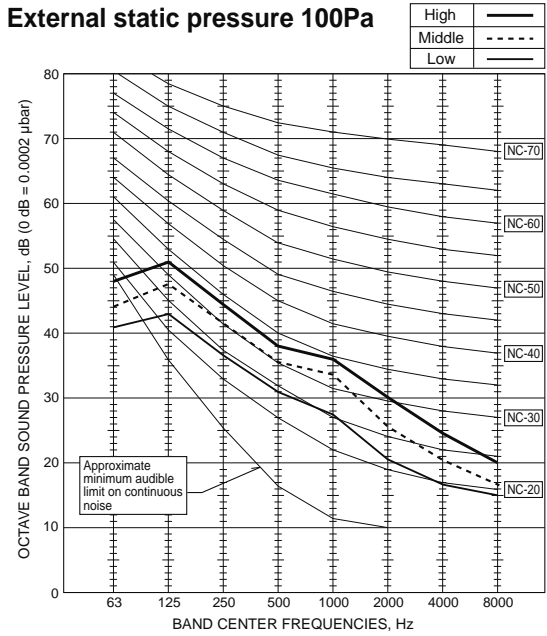
External static pressure 70Pa



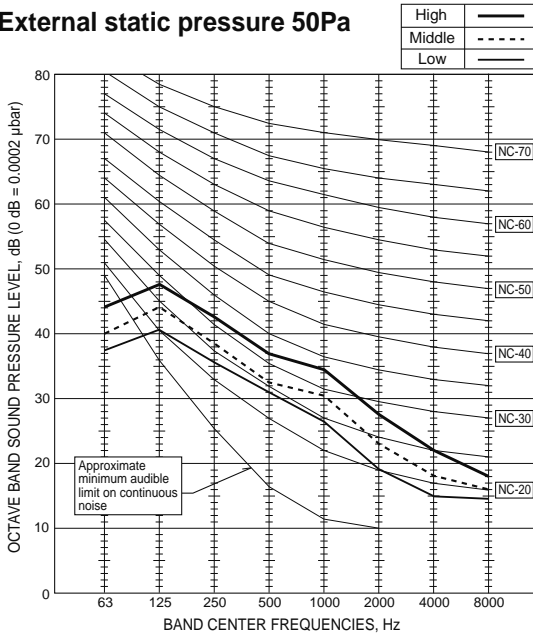
External static pressure 35Pa



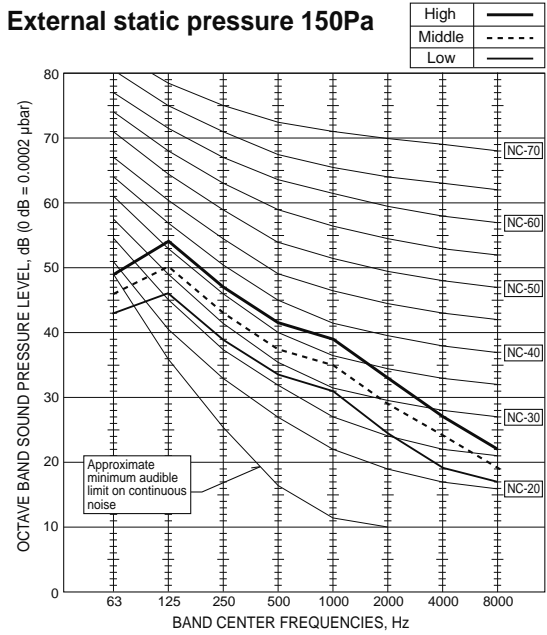
External static pressure 100Pa



External static pressure 50Pa



External static pressure 150Pa

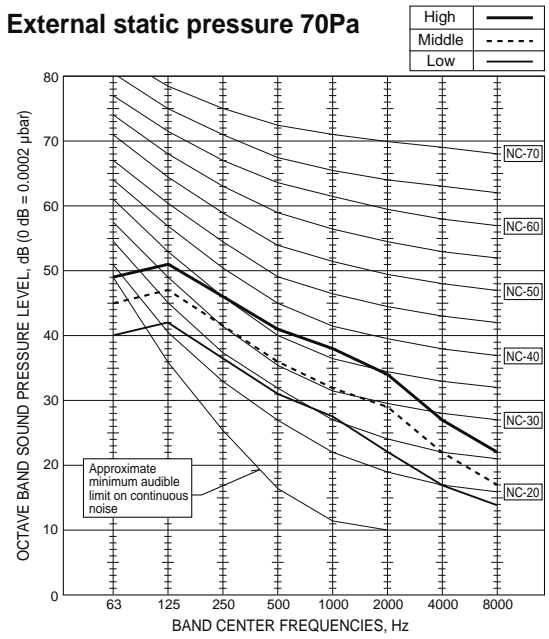


CEILING-CONCEALED
NOISE CRITERIA CURVES

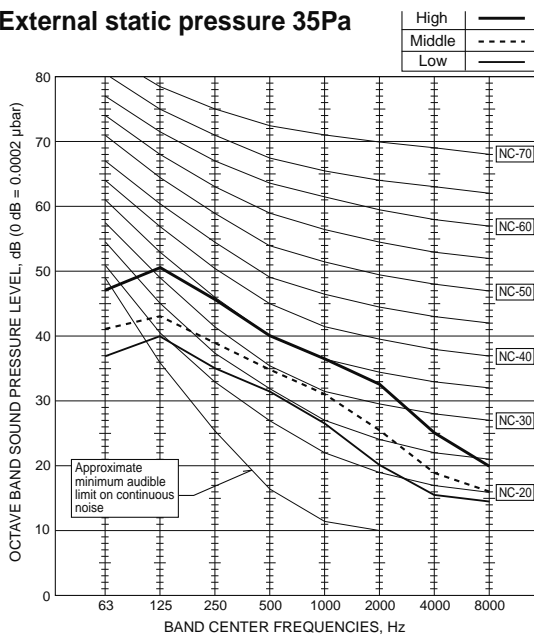
PEAD-SM140JA
PEAD-SM140JAL

CEILING-CONCEALED
NOISE CRITERIA CURVES

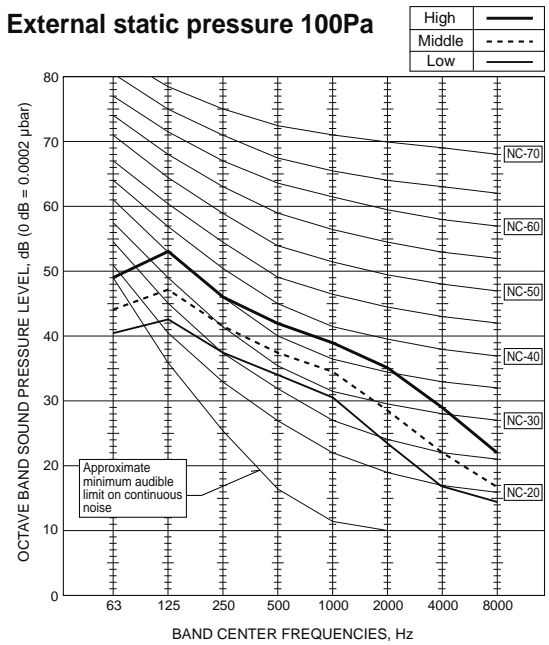
External static pressure 70Pa



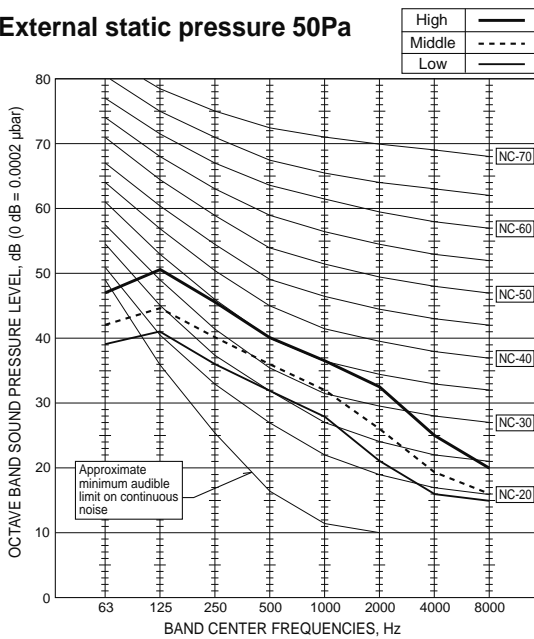
External static pressure 35Pa



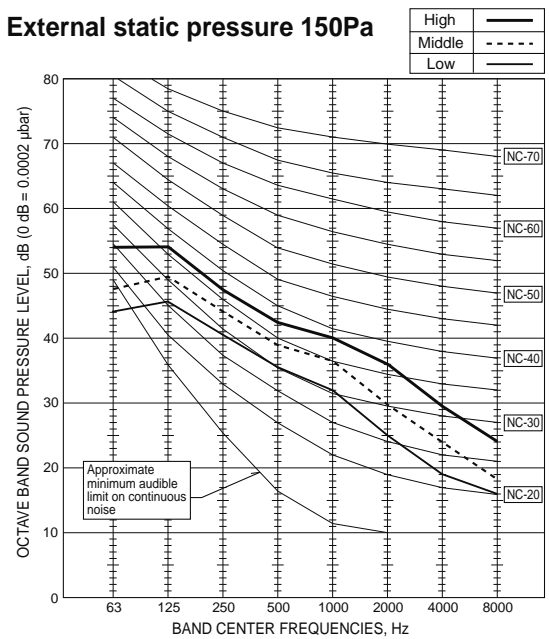
External static pressure 100Pa



External static pressure 50Pa



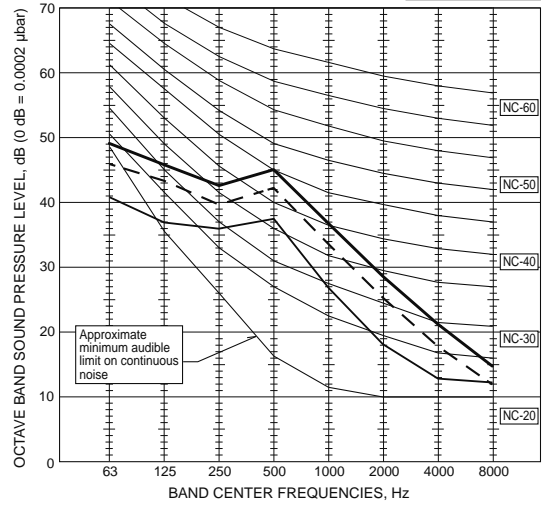
External static pressure 150Pa



PEA-M200LA

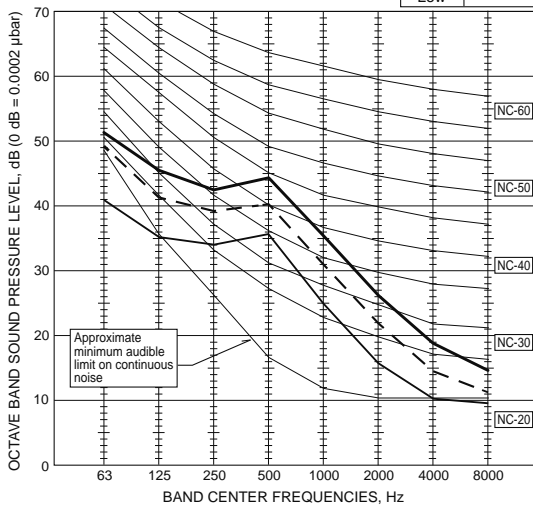
External static pressure 100Pa

High	——
Middle	- - - -
Low	——



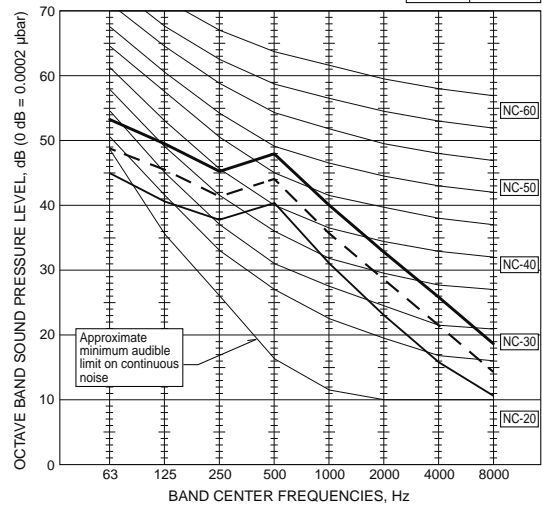
External static pressure 60Pa

High	——
Middle	- - - -
Low	——



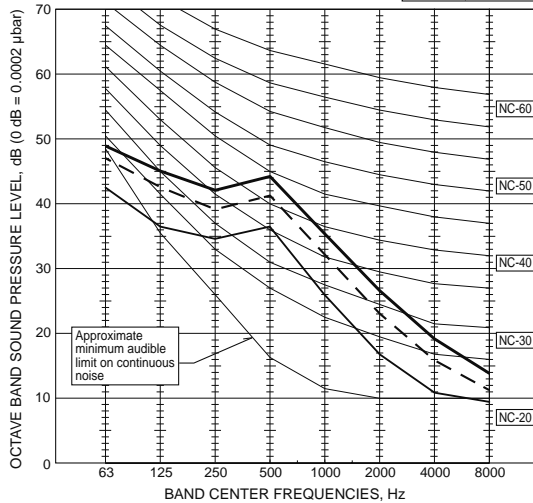
External static pressure 150Pa

High	——
Middle	- - - -
Low	——



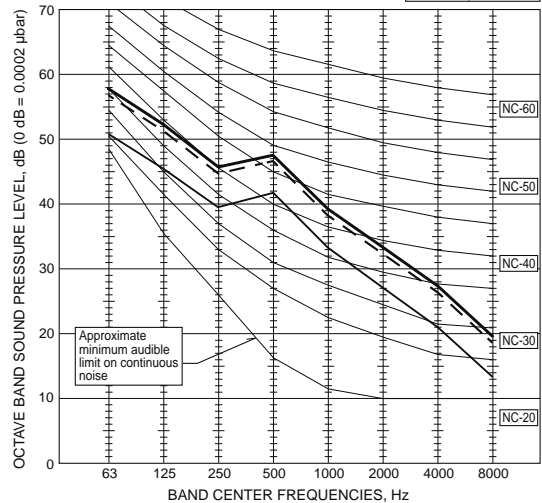
External static pressure 75Pa

High	——
Middle	- - - -
Low	——



External static pressure 200Pa

High	——
Middle	- - - -
Low	——



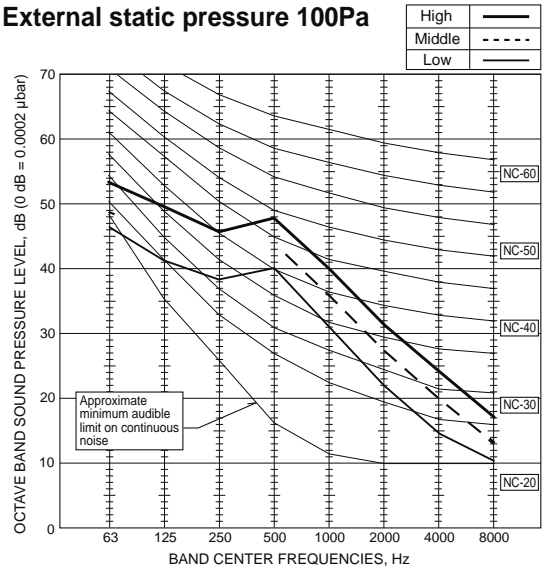
CEILING-
CONCEALED

NOISE CRITERIA CURVES

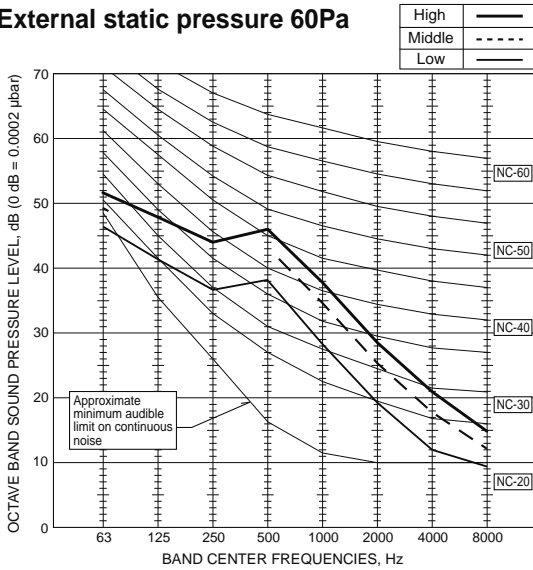
PEA-M250LA

CEILING-CONCEALED NOISE CRITERIA CURVES

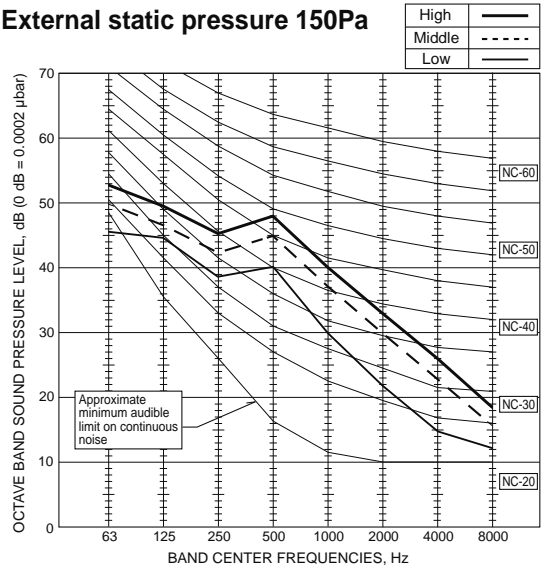
External static pressure 100Pa



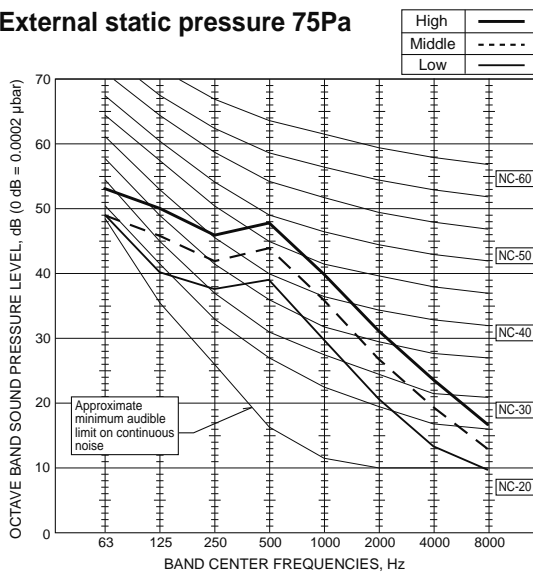
External static pressure 60Pa



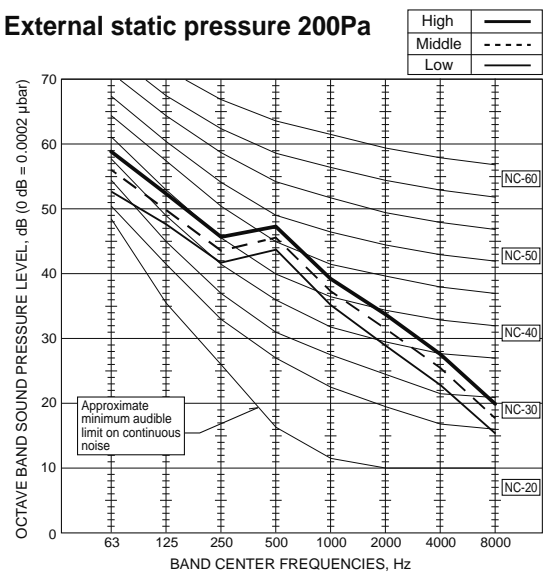
External static pressure 150Pa



External static pressure 75Pa



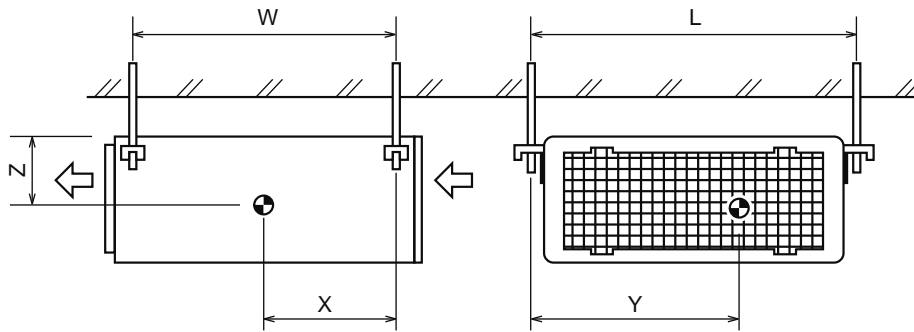
External static pressure 200Pa



A.6.8 CENTER OF GRAVITY POSITION

A.6.8.1 PEAD-M•JA(L)2

PEAD-SM•JA(L)



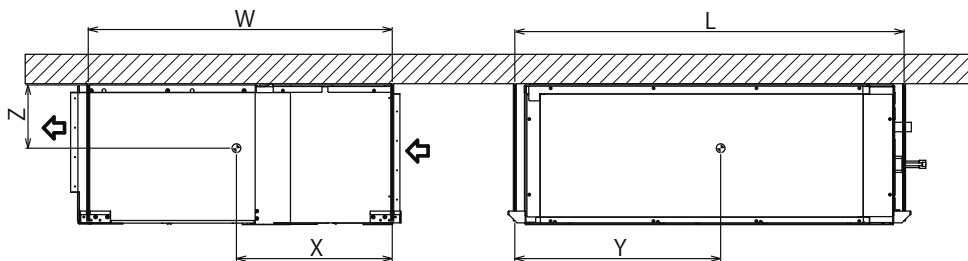
(mm)

Model name	W	L	X	Y	Z
PEAD-M35JA(L)2 PEAD-SM35JA(L)	643	954	340	375	130
PEAD-M50JA(L)2 PEAD-SM50JA(L)	643	954	340	375	130
PEAD-M60JA(L)2 PEAD-SM60JA(L)	643	1154	325	525	130
PEAD-M71JA(L)2 PEAD-SM71JA(L)	643	1154	325	525	130
PEAD-M100JA(L)2 PEAD-SM100JA(L)	643	1454	330	675	130
PEAD-M125JA(L)2 PEAD-SM125JA(L)	643	1454	330	675	130
PEAD-M140JA(L)2 PEAD-SM140JA(L)	643	1654	332	725	130

CEILING-
CONCEALED

CENTER OF GRAVITY POSITION

A.6.8.2 PEA-M•LA



(mm)

Model name	W	L	X	Y	Z
PEA-M200LA	1034	1324	530	700	215
PEA-M250LA	1034	1324	530	700	215

CEILING-
CONCEALED

A.7 REMOTE CONTROLLER AND TROUBLESHOOTING

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A.7.1 WIRED REMOTE CONTROLLER [PAR-41MAA]

A.7.1.1 FUNCTIONS

○ :Supported × :Unsupported

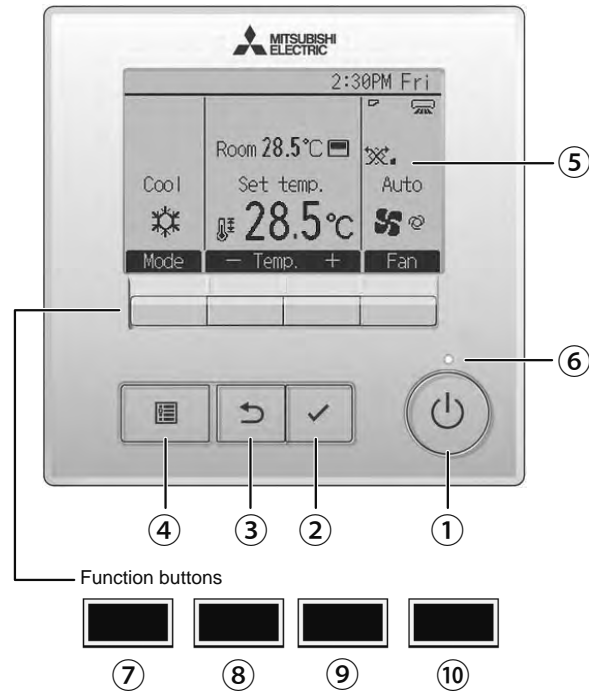
	Function	CITY MULTI	Mr.SLIM	Required Password
Power	Power ON/OFF	○	○	-
Settings	Operation mode	○	○	-
	Auto (dual set point) mode	○	○	-
	Preset temperature	○	○	-
	Fan speed	○	○	-
Operation menu	Vane • Louver • Vent.(Lossnay)	○	○	-
	High power	×	○	-
	Manual vane angle	○	○	-
	3D i-See sensor	○	○	-
Timer menu	Timer(On/Off timer)	○	○	administrator
	Timer(Auto-Off timer)	○	○	administrator
	Weekly timer	○	○	administrator
	OU silent mode	○	○	administrator
	Night setback	○	○	administrator
Energy saving menu	Temperature range restriction	○	○	administrator
	Operation lock function	○	○	administrator
	Auto return	○	○	administrator
	Schedule	×	○	administrator
Initial setting menu	Main/Sub	○	○	administrator
	Clock	○	○	administrator
	Clock display format setting	○	○	administrator
	Daylight saving time	○	○	administrator
	Main display	○	○	administrator
	Black and white inversion	○	○	administrator
	Contrast • Brightness	○	○	administrator
	Language selection	○	○	administrator
	Password(Administrator)	○	○	administrator
Service menu	Initialize remote controller	○	○	maintenance
	Remote controller information	○	○	maintenance
	Test run	○	○	maintenance
	Model information input	○	○	maintenance
	Dealer information input	○	○	maintenance
	Function setting	○	○	maintenance
	Smooth maintenance	×	○	maintenance
	Password(Maintenance)	○	○	maintenance
Maintenance menu	Auto descending panel	○	○	-
	Error information	○	○	-
	Filter information	○	○	-

* The supported functions vary depending on the unit model.

REMOTE CONTROLLER AND TROUBLESHOOTING FUNCTIONS [PAR-41MAA]

A.7.1.2 APPEARANCE

Controller interface



① ON/OFF button

Press to turn ON/OFF the indoor unit.

② SELECT button

Press to save the setting.

③ RETURN button

Press to return to the previous screen.

④ MENU button Page 21

Press to bring up the Main menu.

⑤ Backlit LCD

Operation settings will appear. When the backlight is off, pressing any button turns the backlight on and it will stay lit for a certain period of time depending on the screen.

When the backlight is off, pressing any button turns the backlight on and does not perform its function. (except for the ON/OFF button)

⑥ ON/OFF lamp

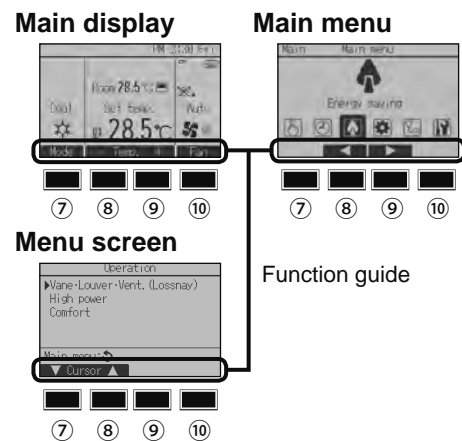
This lamp lights up in green while the unit is in operation. It blinks while the remote controller is starting up or when there is an error.

⑦ Function button F1

Main display: Press to change the operation mode.
Menu screen: The button function varies with the screen.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.

When the system is centrally controlled, the button function guide that corresponds to the locked button will not appear.



⑧ Function button F2

Main display: Press to decrease temperature.
Main menu: Press to move the cursor left.
Menu screen: The button function varies with the screen.

⑨ Function button F3

Main display: Press to increase temperature.
Main menu: Press to move the cursor right.
Menu screen: The button function varies with the screen.

⑩ Function button F4

Main display: Press to change the fan speed.
Menu screen: The button function varies with the screen.

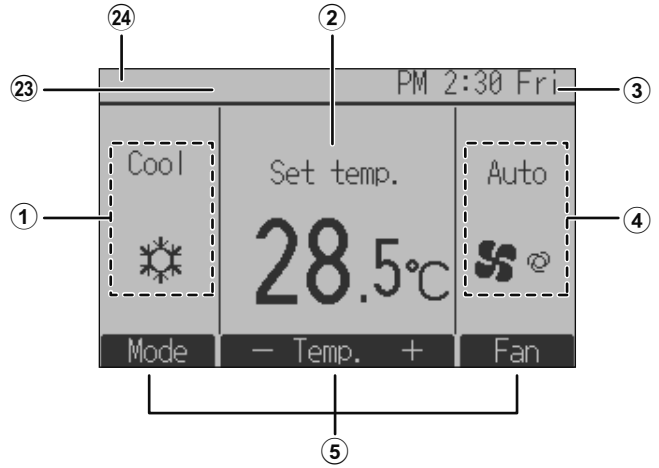
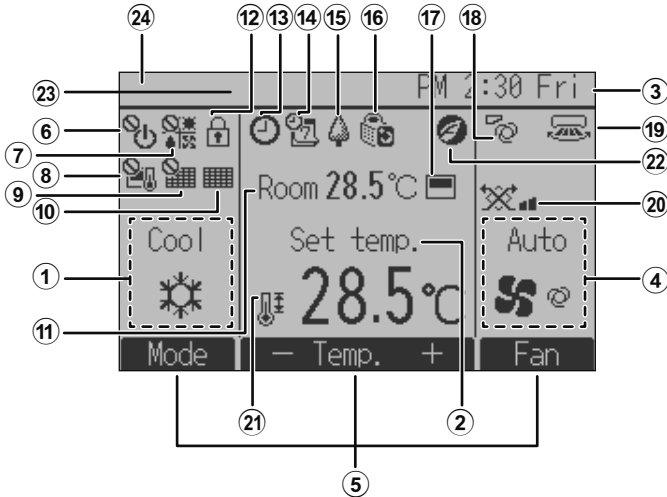
Display

The main display can be displayed in two different modes: "Full" and "Basic."
The factory setting is "Full." To switch to the "Basic" mode, change the setting on the Main display setting.

■ Full mode

* All icons are displayed for explanation.

■ Basic mode



① **Operation mode**

② **Preset temperature**


③ **Clock**


See the Installation Manual.


④ **Fan speed**


⑤ **Button function guide**


Functions of the corresponding buttons appear here.

⑥  Appears when the ON/OFF operation is centrally controlled.

⑦  Appears when the operation mode is centrally controlled.



⑧  Appears when the preset temperature is centrally controlled.

⑨  Appears when the filter reset function is centrally controlled.


⑩  Indicates when filter needs maintenance.


⑪ **Room temperature**
See the Installation Manual.


⑫  Appears when the buttons are locked.


⑬  Appears when the On/Off timer, Night setback, or Auto-off timer function is enabled.
 appears when the timer is disabled by the centralized control system.


⑭  Appears when the Weekly timer is enabled.


⑮  Appears while the units are operated in the energy save mode. (Will not appear on some models of indoor units)


⑯  Appears while the outdoor units are operated in the silent mode.


⑰  Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature (⑪).


 appears when the thermistor on the indoor unit is activated to monitor the room temperature.

⑱  Indicates the vane setting.

⑲  Indicates the louver setting.

⑳  Indicates the ventilation setting.

㉑  Appears when the preset temperature range is restricted.

㉒  Appears when an energy-saving operation is performed using a "3D i-See sensor" function.

㉓ **Centrally controlled**
Appears for a certain period of time when a centrally-controlled item is operated.

㉔ **Error display**
An error code appears during the error.
* When an error code is displayed on the main display, an error is occurring but the indoor unit can keep its operation. Check the error code, and consult your dealer.

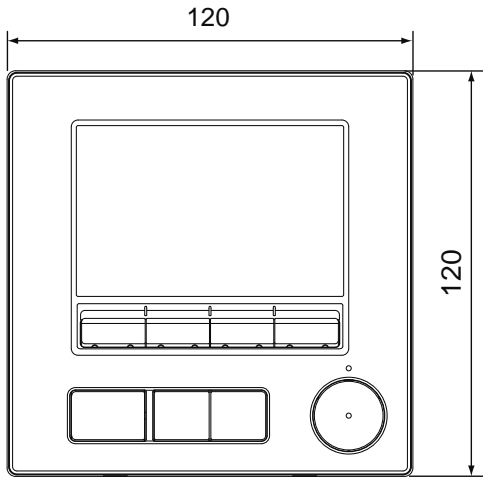
Most settings (except ON/OFF, mode, fan speed, temperature) can be made from the Main menu.

REMOTE CONTROLLER AND TROUBLESHOOTING FUNCTIONS [PAR-4-1MAA]

A.7.1.3 OUTLINES AND DIMENSIONS

[PAR-41MAA]

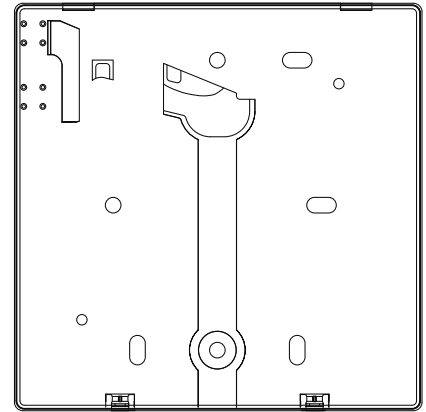
unit : mm



(Front view)



(Side view)



(Rear view)

<Specifications>

Product size	120(W) × 120(H) × 14.5(D)mm (4 23/32 × 4 23/32 × 9/16 [in] (not including the protruding part)	
Net weight	0.25kg (35/64lbs)	
Rated power supply voltage	12V DC (supplied from indoor units)	
Power consumption	0.3W	
Usage environment	Temperature	0 - 40°C (32 - 104°F)
	Humidity	25 - 90%RH (with no dew condensation)
Material	Panel	PMMA
	Main body	ABS
Sound Pressure Level	The A-weighted sound pressure level is below 70dB	

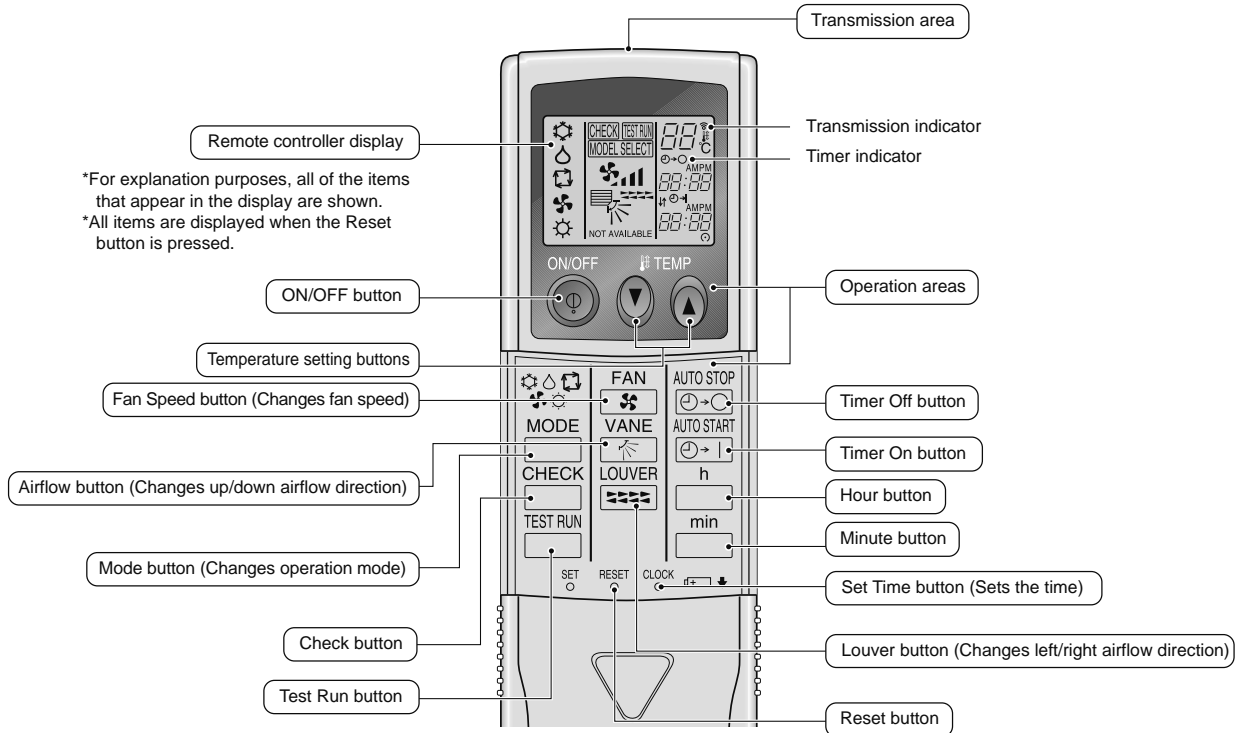
REMOTE CONTROLLER AND TROUBLESHOOTING

OUTLINES AND DIMENSIONS [PAR-41MAA]

A.7.2 WIRELESS REMOTE CONTROLLER

A.7.2.1 [PAR-SL97A-E] APPEARANCE

When cover is open

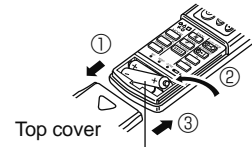


REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [WIRELESS]

- When using the wireless remote controller, point it towards the receiver on the indoor unit.
- If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
- The indoor unit beeps to confirm that the signal transmitted from the remote controller has been received. Signals can be received up to approximately 7 meters in a direct line from the indoor unit in an area 45° to the left and right of the unit. However, illumination such as fluorescent lights and strong light can affect the ability of the indoor unit to receive signals.
- If the operation lamp near the receiver on the indoor unit is flashing, the unit needs to be inspected. Consult your dealer for service.
- Handle the remote controller carefully! Do not drop the remote controller or subject it to strong shocks. In addition, do not get the remote controller wet or leave it in a location with high humidity.
- To avoid misplacing the remote controller, install the holder included with the remote controller on a wall and be sure to always place the remote controller in the holder after use.

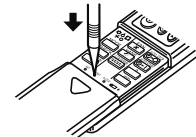
Battery installation/replacement

1. Remove the top cover, insert two AAA batteries, and then install the top cover.



Two AAA batteries
Insert the negative (-) end of each battery first. Install the batteries in the correct directions (+, -)!

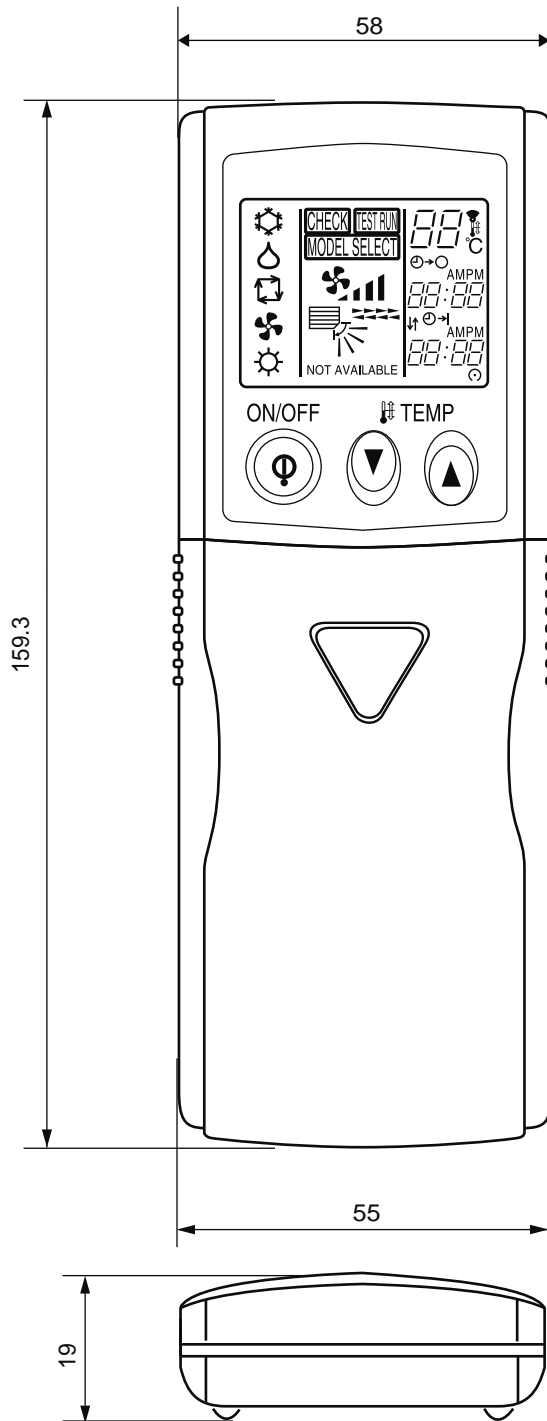
2. Press the Reset button.



Press the Reset button with an object that has a narrow end.

OUTLINES AND DIMENSIONS

unit : mm

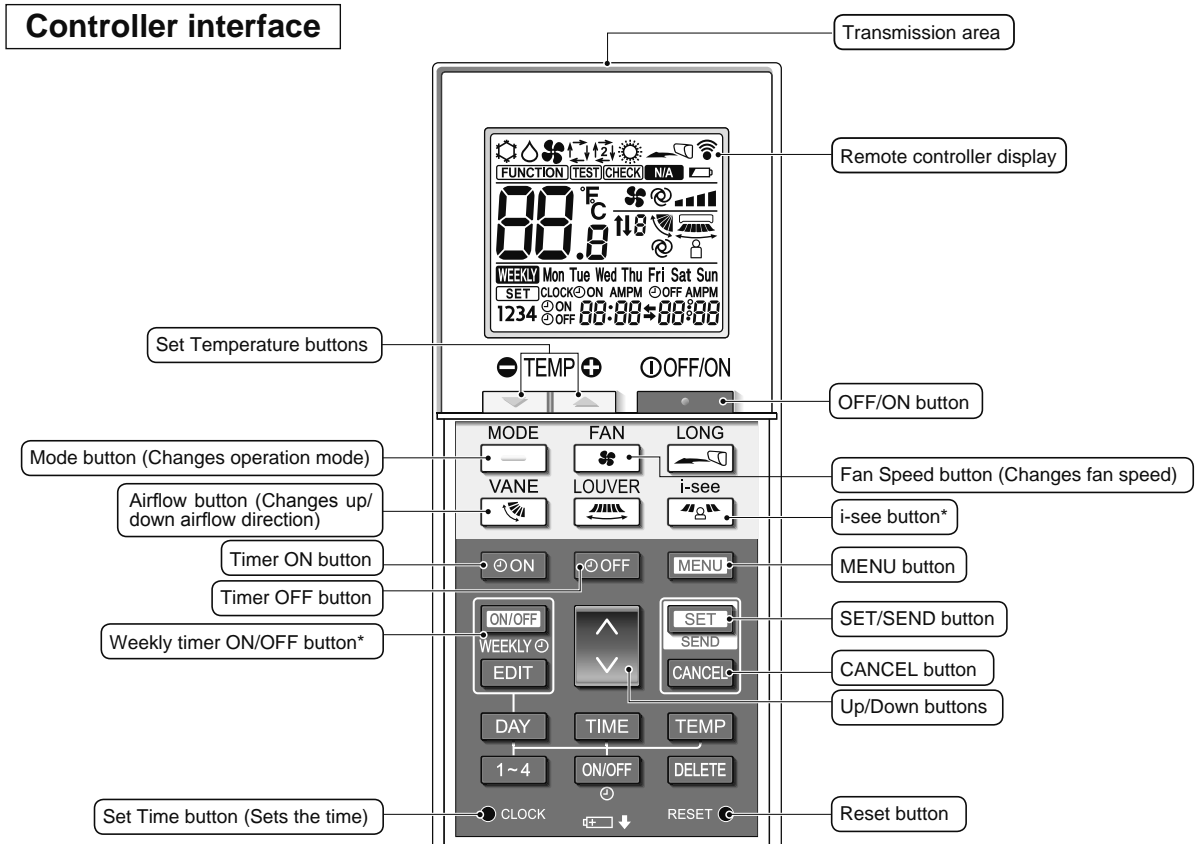


REMOTE CONTROLLER AND TROUBLESHOOTING

OUTLINES AND DIMENSIONS [WIRELESS]

A.7.2.2 [PAR-SL101A-E] APPEARANCE

When cover is open



Note:
* This button is enabled or disabled depending on the model of the indoor unit.

Display

Operation mode

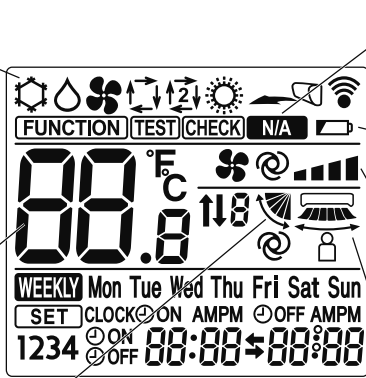
	Cool		Dry
	Fan		Auto (single set point)
	Heat		Auto* (dual set point)

* Refer to 5.4. in the installation manual.

Temperature setting
The units of temperature can be changed. For details, refer to the Installation Manual.

Vane setting

Step 1 Step 2 Step 3 Step 4 Step 5 Swing Auto



Not available
Appears when a non-supported function is selected.

Battery replacement indicator
Appears when the remaining battery power is low.

Fan speed setting The symbols differ depending on models.

Auto

3D i-see sensor (Air distribution)

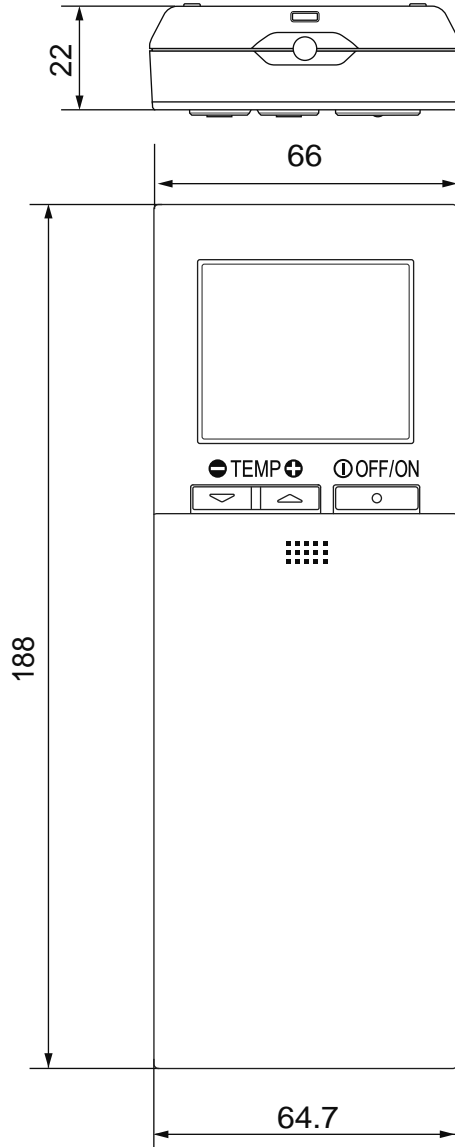
Default Direct Indirect

When Direct or Indirect is selected, the vane setting is set to "Auto".

REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [WIRELESS]

OUTLINES AND DIMENSIONS

unit : mm



REMOTE
CONTROLLER
AND TROUBLE-
SHOOTING

OUTLINES AND DIMENSIONS [WIRELESS]

A.7.3 SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]

A.7.3.1 FUNCTION

1. Operations/Display

V:Each group

Item	Setting	Display	Description
ON/OFF	✓	✓	Changes between ON and OFF.
Operation mode switching *1	✓	✓	Select from COOL, DRYING, FAN, AUTO, and HEAT.
Room temp. Setting *1	✓	✓	Sets a room temperature. * The preset temperature range varies depending on the indoor unit model to be connected. (The ranges for a standard model are as follows.) • COOL/DRY: 19°C - 30°C/67°F - 87°F • HEAT: 17°C - 28°C/63°F - 83°F • AUTO: 19°C - 28°C/67°F - 83°F
Fan speed setting	✓	✓	Changes the fan speed. * The settable fan speed varies depending on the indoor unit model to be connected.
Vane setting	✓	✓	Switches the vane directions. * The settable vane direction varies depending on the indoor unit model to be connected.
Ventilation equipment control	✓	✓	When the CITY MULTI indoor unit is connected, interlocked setting of the CITY MULTI LOSSNAY unit is possible. When the Mr. SLIM indoor unit (A-control) is connected, interlocked operation of the microcomputer-type LOSSNAY unit is possible.
Backlight	✓	✓	Pressing the button lights up a backlight. The light automatically turns off after a certain period of time. (The brightness settings can be selected from Bright, Dark, and Light off.)
Error information	—	✓	Displays the current error status with the address. * The address may not be displayed depending on the error status.

*1 AUTO mode is settable only when those functions are available on the indoor unit.

2. Restriction settings

V:Each group

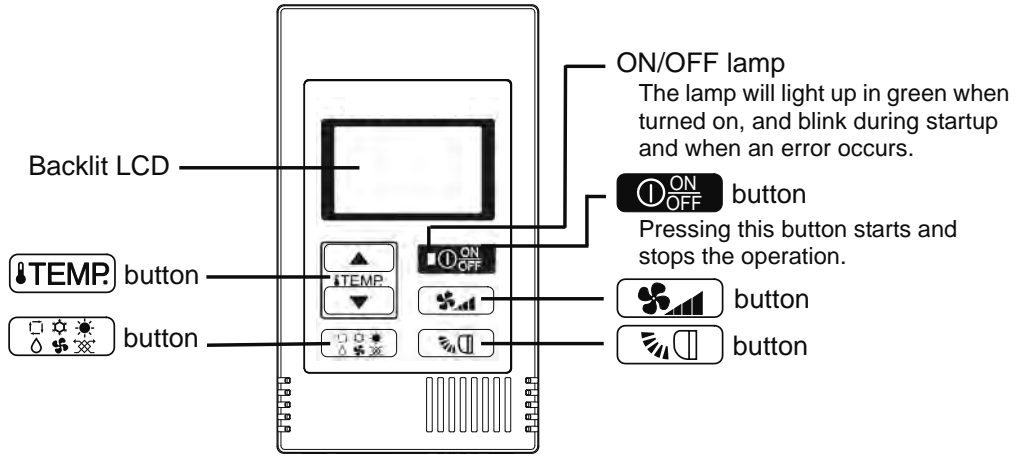
Item	Setting	Display	Description
Allows/disallows local operation	—	✓	By setting a centralized controller, the following local operations are prohibited: ON/OFF; operation mode; preset temperature; * The CENTRAL icon appears while the local operations are prohibited.
Operation lock	✓	✓	Locks all buttons.
Temperature range restriction	✓	✓	The preset temperature range can be restricted for each operation mode (COOL/HEAT/AUTO).

3. Miscellaneous

Item	Description
Room temperature detection	The temperature sensor is built-in on the remote controller.
Various settings	The following settings can be made by setting the dip switches. • Remote controller Main/Sub setting • Temperature display unit setting (Celsius/Fahrenheit) • Cooling/heating display in AUTO mode • Indoor temperature display

A.7.3.2 APPEARANCE

Controller interface



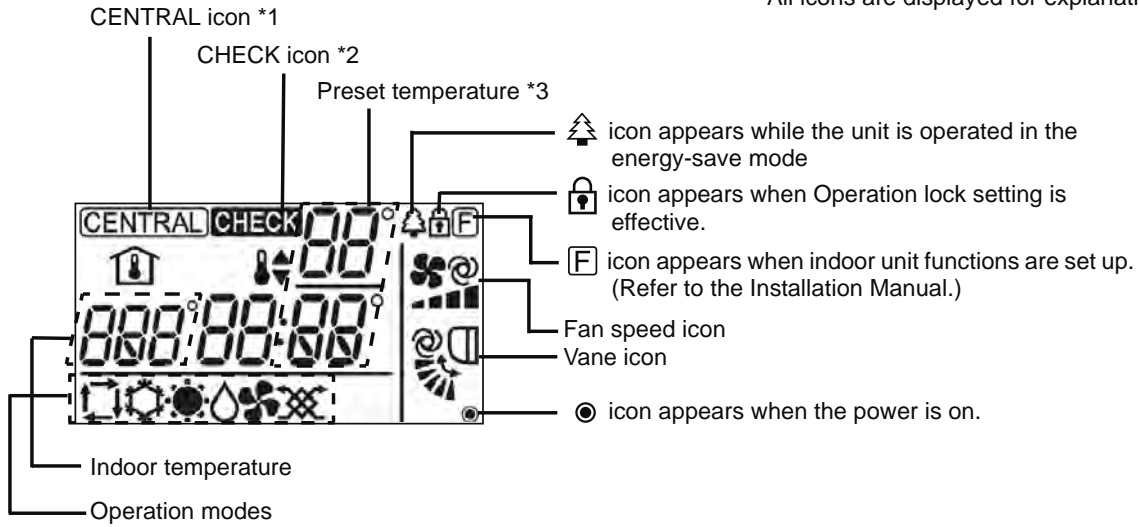
* To set the functions that are not available on this controller (PAC-YT52CRA) such as Louver, use MA remote controller or the centralized controller.

REMOTE CONTROLLER AND TROUBLESHOOTING

APPEARANCE [PAC-YT52CRA]

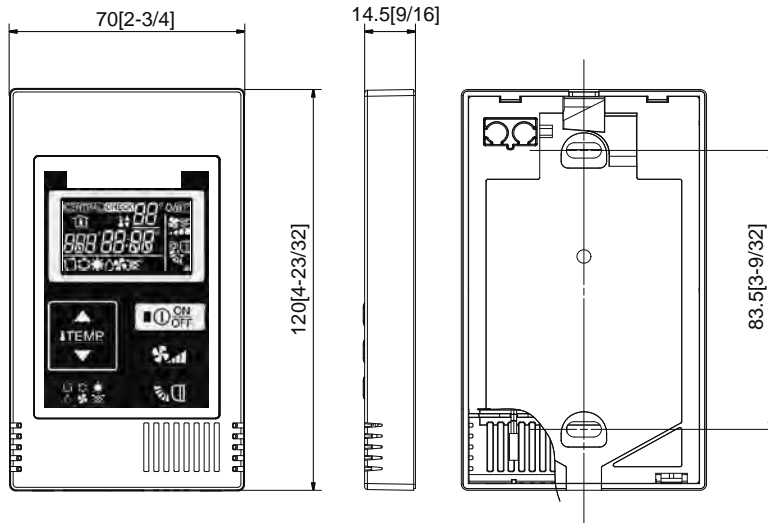
Display

* All icons are displayed for explanation.



**A.7.3.3 OUTLINES AND DIMENSIONS
[PAC-YT52CRA]**

Unit:mm[in.]



Controller specifications

	Specifications
Product size	70 (W) × 120 (H) × 14.5 (D) mm (2-3/4 × 4-23/32 × 9/16 [in]) (not including the protruding part)
Net weight	0.1 kg (1/4 lb.)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.3 W
Usage environment	Temperature 0 ~ 40°C (32 ~ 104°F) Humidity 30 ~ 90%RH (with no dew condensation)
Material	PC + ABS

REMOTE CONTROLLER AND TROUBLESHOOTING
 OUTLINES AND DIMENSIONS[PAC-YT52CRA]

A.7.4 MA TOUCH REMOTE CONTROLLER [PAR-CT01MAA-PB/SB]

A.7.4.1 FUNCTION

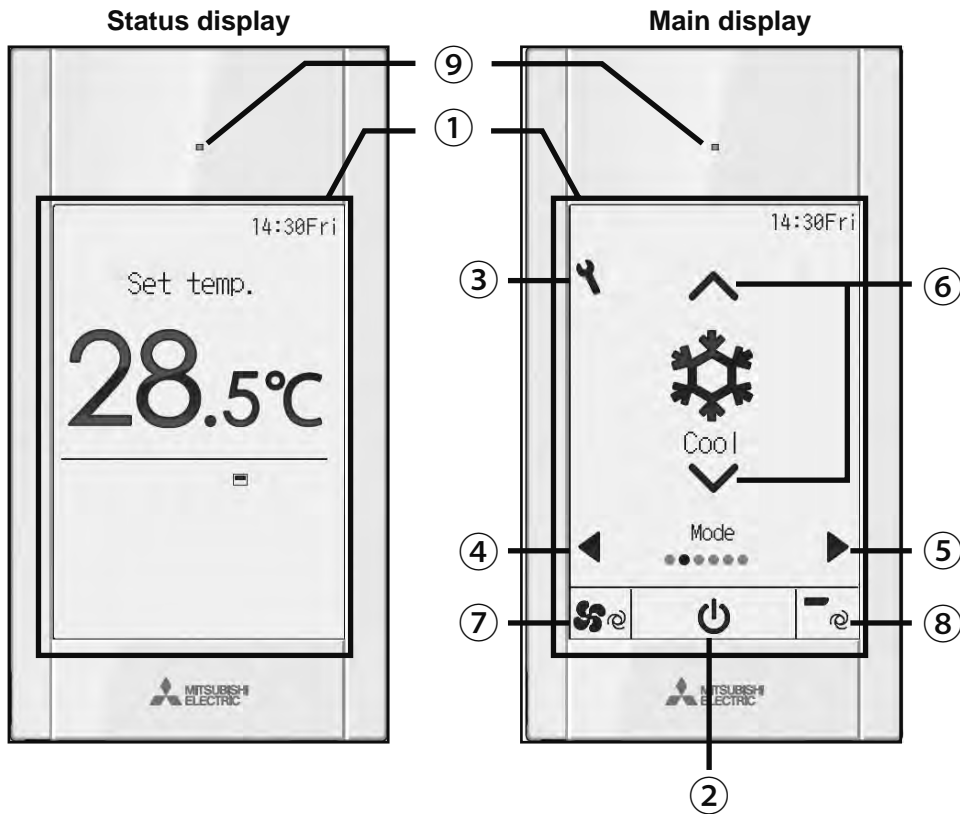
○ : Supported × : Unsupported

	Function	CITY MULTI	Mr. SLIM	Required password
Power	Power ON/OFF	○	○	-
Settings	Operation mode	○	○	-
	Auto (dual set point) mode	○	○	-
	Preset temperature	○	○	-
	Fan speed	○	○	-
	Vane	○	○	-
	Louver	○	○	-
	Ventilation	○	○	-
Operation menu	High power	×	○	-
	Manual vane angle	○	○	-
	3D i-See sensor	○	○	-
Timer menu	Timer (On/Off timer)	○	○	administrator
	Timer (Auto-Off timer)	○	○	administrator
	Weekly timer	○	○	administrator
	OU silent mode	○	○	administrator
	Night setback	○	○	administrator
Energy saving menu	Temperature range restriction	○	○	administrator
	Operation lock function	○	○	administrator
	Auto return	○	○	administrator
	Schedule	×	○	administrator
Initial setting menu	Clock	○	○	administrator
	Clock display format setting	○	○	administrator
	Daylight saving time	○	○	administrator
	Main display	○	○	administrator
	Icon explanation	○	○	administrator
	Brightness	○	○	administrator
	Language selection	○	○	administrator
	Design	○	○	administrator
	Touch panel calibration	○	○	administrator
	Touch panel cleaning	○	○	administrator
	Password (Administrator)	○	○	administrator
Service menu	Initialize remote controller	○	○	maintenance
	Remote controller information	○	○	maintenance
	Test run	○	○	maintenance
	Model information input	○	○	maintenance
	Dealer information input	○	○	maintenance
	Function setting	○	○	maintenance
	Smooth maintenance	×	○	maintenance
	Password (Maintenance)	○	○	maintenance
Maintenance menu	Auto descending panel	○	○	-
	Error information	○	○	-
	Filter information	○	○	-

* The supported functions vary depending on the unit model.

A.7.4.2 APPEARANCE

1.Controller interface-Status display / Main display



REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [PAR-CT01MAA-P/BSBI]

① Touch panel & Backlit full color LCD

Operation settings will appear. When the backlight is off, pressing any area switches the screen to the Status display. While the Status display is displayed, pressing any area switches the screen to the Main display.

② ON/OFF button

Press to turn ON/OFF the indoor unit.

③ Setting button

Press to bring up the Main menu. When the menu operation is locked, an administrator password is required.

④ Left arrow button

Press to switch the setting items in the following order: louver, ventilation, vane, fan speed, operation mode, and preset temperature.

⑤ Right arrow button

Press to switch the setting items in the following order: preset temperature, operation mode, fan speed, vane, ventilation, and louver.

⑥ Up/Down arrow button

Press to change the contents of the setting selected in ④ and ⑤ above.

⑦ Fan speed shortcut button

Press to directly access the fan speed settings screen.

⑧ Vane shortcut button

Press to directly access the vane settings screen.

⑨ ON/OFF lamp

This lamp lights up in green while the unit is in operation unless "LED lighting" is set to "No". It blinks while the remote controller is starting up or when there is an error.

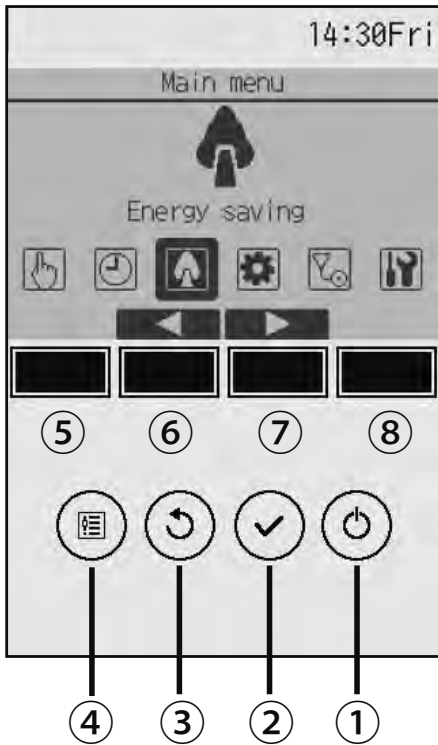
When the ON/OFF operation is locked, ② will not be displayed.

When the setting item is switched with the ④ or ⑤ button, if the operation of the selected setting item is locked, the item will not be displayed.

If the operation of the fan speed or vane is locked, the item ⑦ or ⑧ will not be displayed.

The setting contents cannot be changed with the ⑥ button when the setting item is centrally controlled by the system controller.

2.Controller interface-Main screen



① ON/OFF button

Press to turn ON/OFF the indoor unit.

② SELECT button

Press to save the setting.

③ RETURN button

Press to return to the previous screen. When the Main menu is displayed, pressing this button will display the Status display.

④ MENU button

Press to bring up the Main menu.

⑤ Function button F1

Menu screen: The button function varies with the screen.

⑥ Function button F2

Main menu: Press to move the cursor left.
Menu screen: The button function varies with the screen.

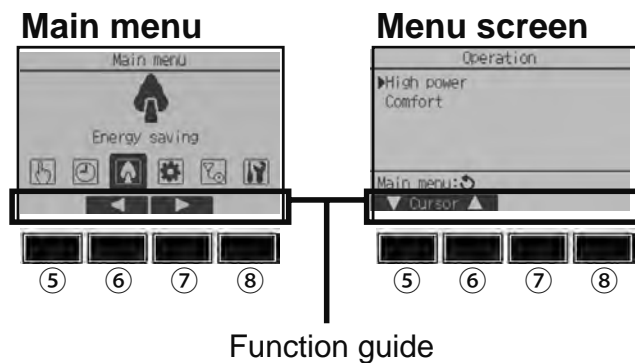
⑦ Function button F3

Main menu: Press to move the cursor right.
Menu screen: The button function varies with the screen.

⑧ Function button F4

Menu screen: The button function varies with the screen.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.

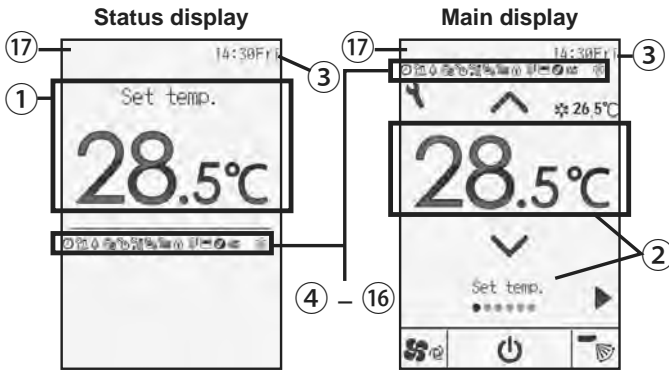


3. Display-Status display / Main display

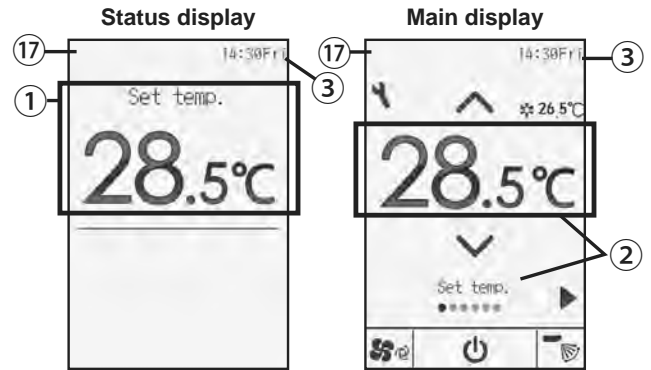
The Status display and Main display can be displayed in two different modes: "Full" and "Basic."

Full mode

* All icons are displayed for explanation.



Basic mode



1 Preset temperature or room temperature

Preset temperature or room temperature appears here. (See the Installation Manual.)

2 Setting item and setting contents

The setting items "Preset temperature" ↔ "Operation mode" ↔ "Fan speed" ↔ "Vane" ↔ "Ventilation" ↔ "Louver," and their setting contents appear here. "Centrally controlled" appears for a certain period of time when a centrally-controlled item is operated.

3 Clock

Current time appears here. (See the Installation Manual.)



Appears when the On/Off timer, Night set-back, or Auto-off timer function is enabled.

appears when the timer is disabled by the centralized control system.



Appears when the Weekly timer is enabled.



Appears while the units are operated in the energy-save mode. (Will not appear on some models of indoor units)



Appears while the outdoor units are operated in the silent mode.



Appears when the ON/OFF operation is centrally controlled.



Appears when the operation mode is centrally controlled.



Appears when the preset temperature is centrally controlled.



Appears when the filter reset function is centrally controlled.



Appears when the buttons are locked.



Appears when the preset temperature range is restricted.



Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature.



appears when the thermistor on the indoor unit is activated to monitor the room temperature.



Appears when an energy-saving operation is performed using a "3D i-See sensor" function.



Indicates when filter needs maintenance.

17 Preliminary error display

An error code appears during the preliminary error.

REMOTE CONTROLLER AND TROUBLESHOOTING APPEARANCE [PAR-CT01MAA-PBSBI]

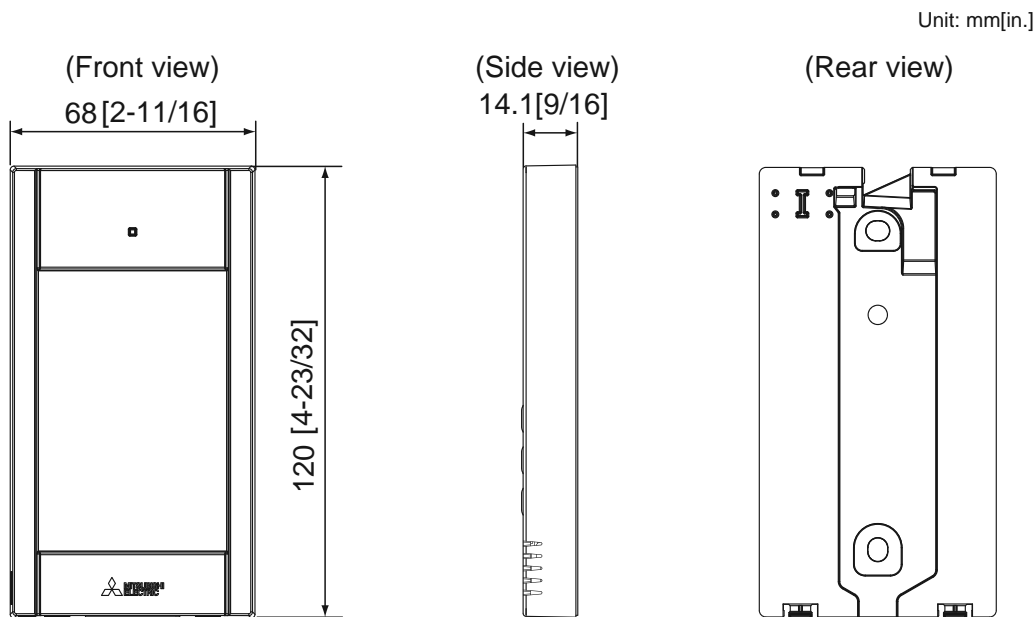
A.7.4.3 SPECIFICATIONS

	Specification
Product size	Standard (PAR-CT01MAA(R)-SB/PAR-CT01MAA-S): 65(W) × 120(H) × 14.1(D) mm (2 9/16 × 4 23/32 × 9/16 [in]) (not including the protruding part)
	Premium (PAR-CT01MAA(R)-PB): 68(W) × 120(H) × 14.1(D) mm (2 11/16 × 4 23/32 × 9/16 [in]) (not including the protruding part)
Net weight	Standard (PAR-CT01MAA(R)-SB/PAR-CT01MAA-S): 0.25 kg (35/64 lbs)
	Premium (PAR-CT01MAA(R)-PB): 0.30 kg (21/32 lbs)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.6 W
Usage environment	Temperature 0 ~ 40°C (32 ~ 104°F) Humidity 25 ~ 90%RH (with no dew condensation)
Material	Standard (PAR-CT01MAA(R)-SB/PAR-CT01MAA-S) Main body: ABS
	Premium (PAR-CT01MAA(R)-PB) Main body: ABS Side plate: Aluminum

REMOTE
CONTROLLER
AND TROUBLE-
SHOOTING

OUTLINES AND DIMENSIONS

A.7.4.4 OUTLINES AND DIMENSIONS



A.8 OUTDOOR UNIT

A.8.1	OUTLINES AND DIMENSIONS	A-444
	A.8.1.1 R32 type	A-444
	A.8.1.2 R410A type	A-452
A.8.2	WIRING DIAGRAM	A-463
	A.8.2.1 R32 type	A-463
	A.8.2.2 R410A type	A-479
A.8.3	REFRIGERANT SYSTEM DIAGRAM	A-496
	A.8.3.1 R32 type	A-496
	A.8.3.2 R410A type	A-502
A.8.4	PERFORMANCE CURVES	A-510
	A.8.4.1 R32 type	
	1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]	A-510
	2. INSTALLING AN AIR PROTECT GUIDE.....	A-516
	3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH	A-517
	A.8.4.2 R410A type	
	1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]	A-521
	2. INSTALLING AN AIR PROTECT GUIDE.....	A-527
	3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH	A-528
A.8.5	NOISE CRITERIA CURVES	A-532
	A.8.5.1 R32 type	A-532
	A.8.5.2 R410A type	A-538
A.8.6	EARTHQUAKE-PROOF STRENGTH ANALYSIS	A-544
	A.8.6.1 R32 type	A-544
	A.8.6.2 R410A type	A-567

A.8.1 OUTLINES AND DIMENSIONS

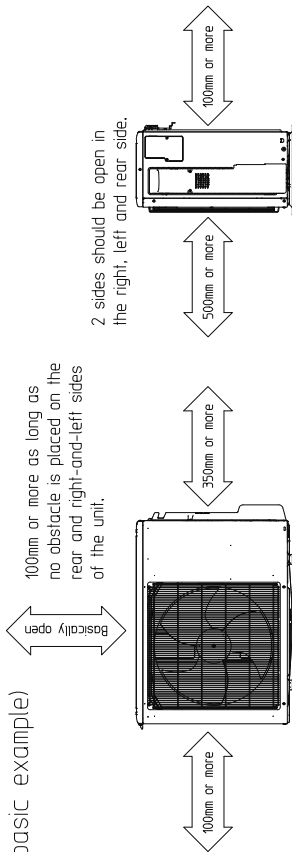
A.8.1.1 R32 type

1. PUZ-ZM•HA2 PUZ-ZM•KA2

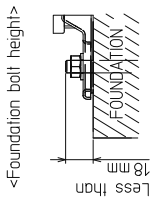
Unit : mm

PUZ-ZM35VKA2 PUZ-ZM50VKA2

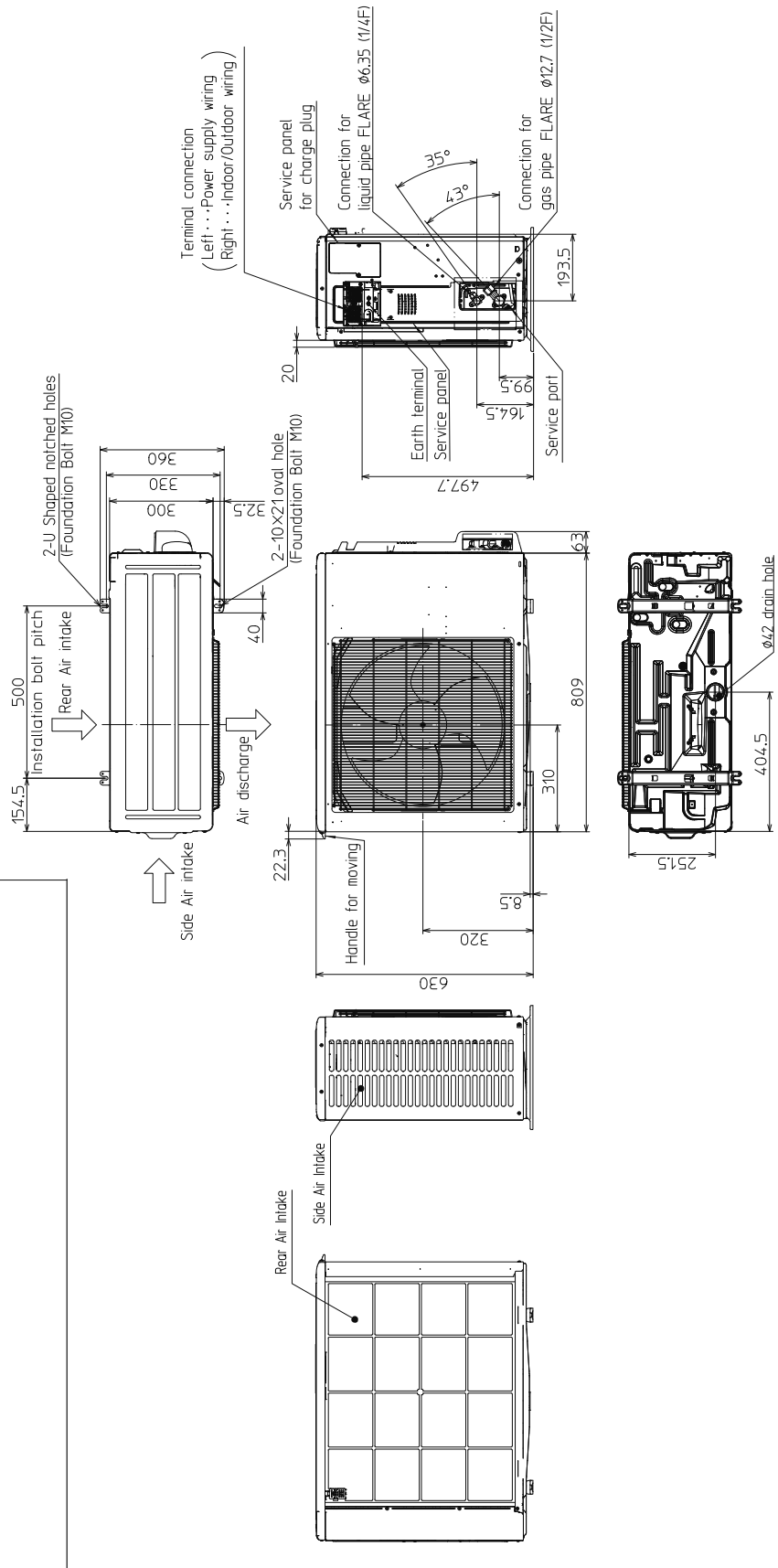
Free space around the outdoor unit
(basic example)



FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts, washers and nut must be purchased locally).

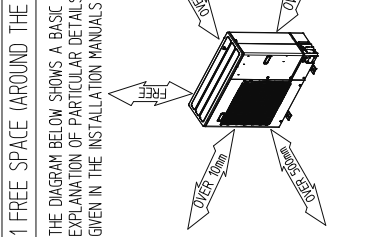
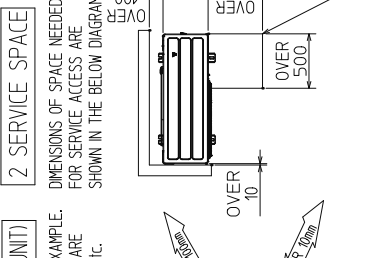
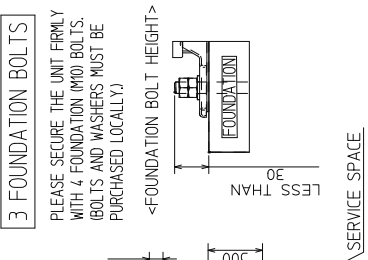
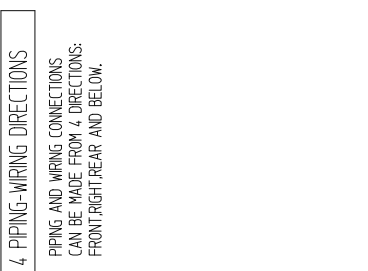
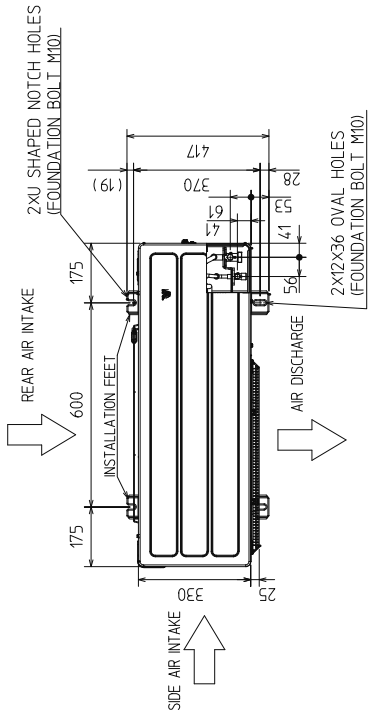


PIPING-WIRING DIRECTION
Piping and wiring connection can be made from the rear direction only.



**PUZ-ZM60VHA2
PUZ-ZM71VHA2**

Unit : mm

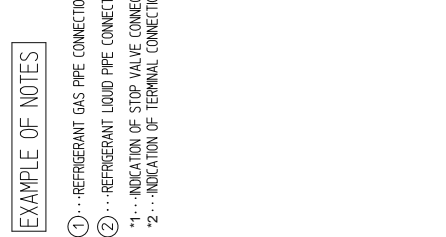
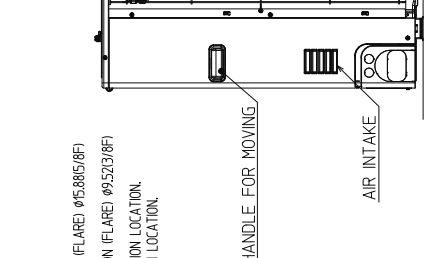
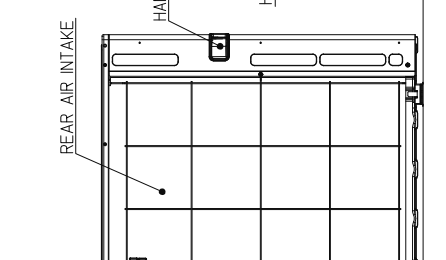
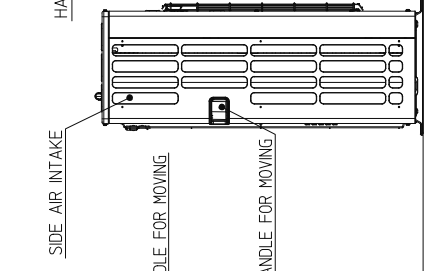
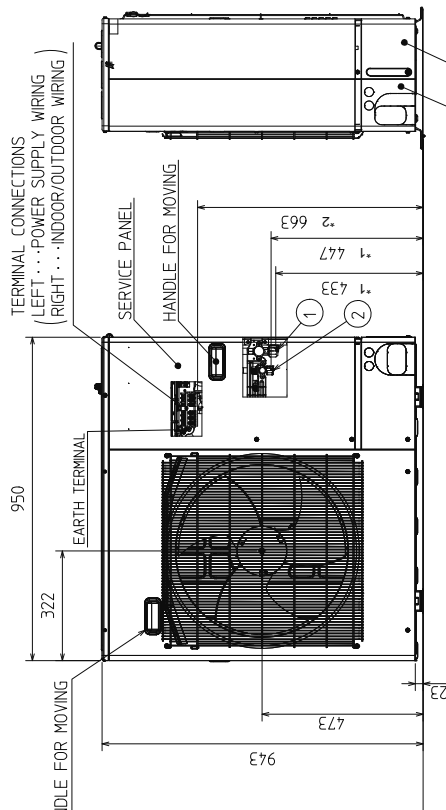


4 PIPING-WIRING DIRECTIONS
PIPING AND WIRING CONNECTIONS CAN BE MADE FROM 4 DIRECTIONS: FRONT, RIGHT, REAR AND BELOW.

3 FOUNDATION BOLTS
PLEASE SECURE THE UNIT FIRMLY WITH 4 FOUNDATION (M10) BOLTS. (BOLTS AND WASHERS MUST BE PURCHASED LOCALLY.)

2 SERVICE SPACE
DIMENSIONS OF SPACE NEEDED FOR SERVICE ACCESS ARE SHOWN IN THE BELOW DIAGRAM.

1 FREE SPACE (AROUND THE UNIT)
THE DIAGRAM BELOW SHOWS A BASIC EXAMPLE. EXPLANATION OF PARTICULAR DETAILS ARE GIVEN IN THE INSTALLATION MANUALS ETC.

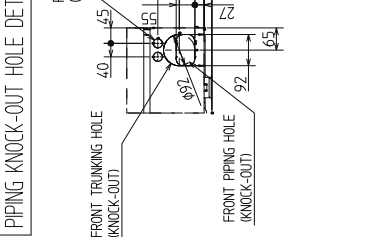
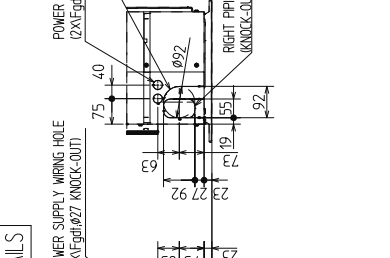
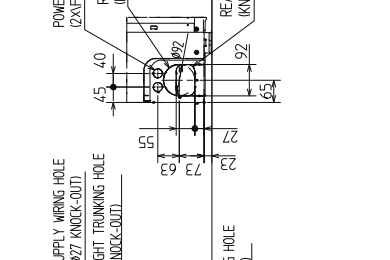
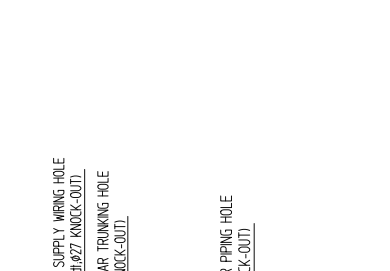
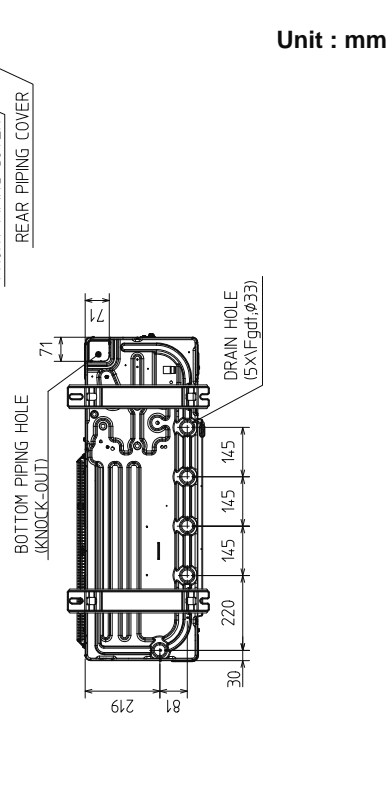


EXAMPLE OF NOTES
①...REFRIGERANT GAS PIPE CONNECTION (FLARE) φ5.885(8F)
②...REFRIGERANT LIQUID PIPE CONNECTION (FLARE) φ5.23(8F)
*1...INDICATION OF STOP VALVE CONNECTION LOCATION
*2...INDICATION OF TERMINAL CONNECTION LOCATION

TERMINAL CONNECTIONS (LEFT...POWER SUPPLY WIRING (RIGHT...INDOOR/OUTDOOR WIRING))

HANDLE FOR MOVING

SERVICE PANEL



PIPING KNOCK-OUT HOLE DETAILS

POWER SUPPLY WIRING HOLE (ZXT-FgdI:φ27 KNOCK-OUT)

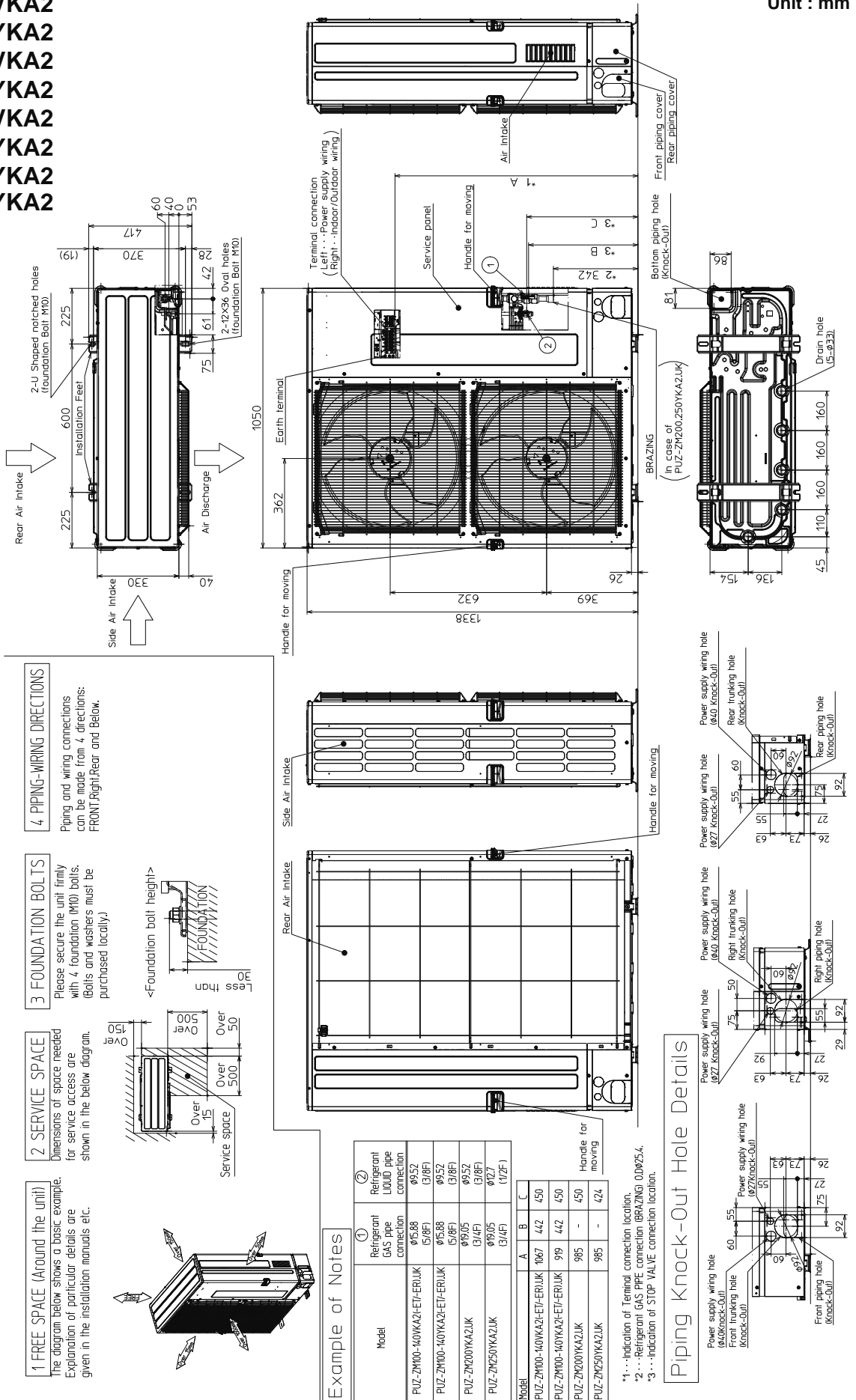
REAR TRUNKING HOLE (KNOCK-OUT)

REAR PIPING HOLE (KNOCK-OUT)

PUZ-ZM100VKA2
 PUZ-ZM100YKA2
 PUZ-ZM125VKA2
 PUZ-ZM125YKA2
 PUZ-ZM140VKA2
 PUZ-ZM140YKA2
 PUZ-ZM200YKA2
 PUZ-ZM250YKA2

Unit : mm

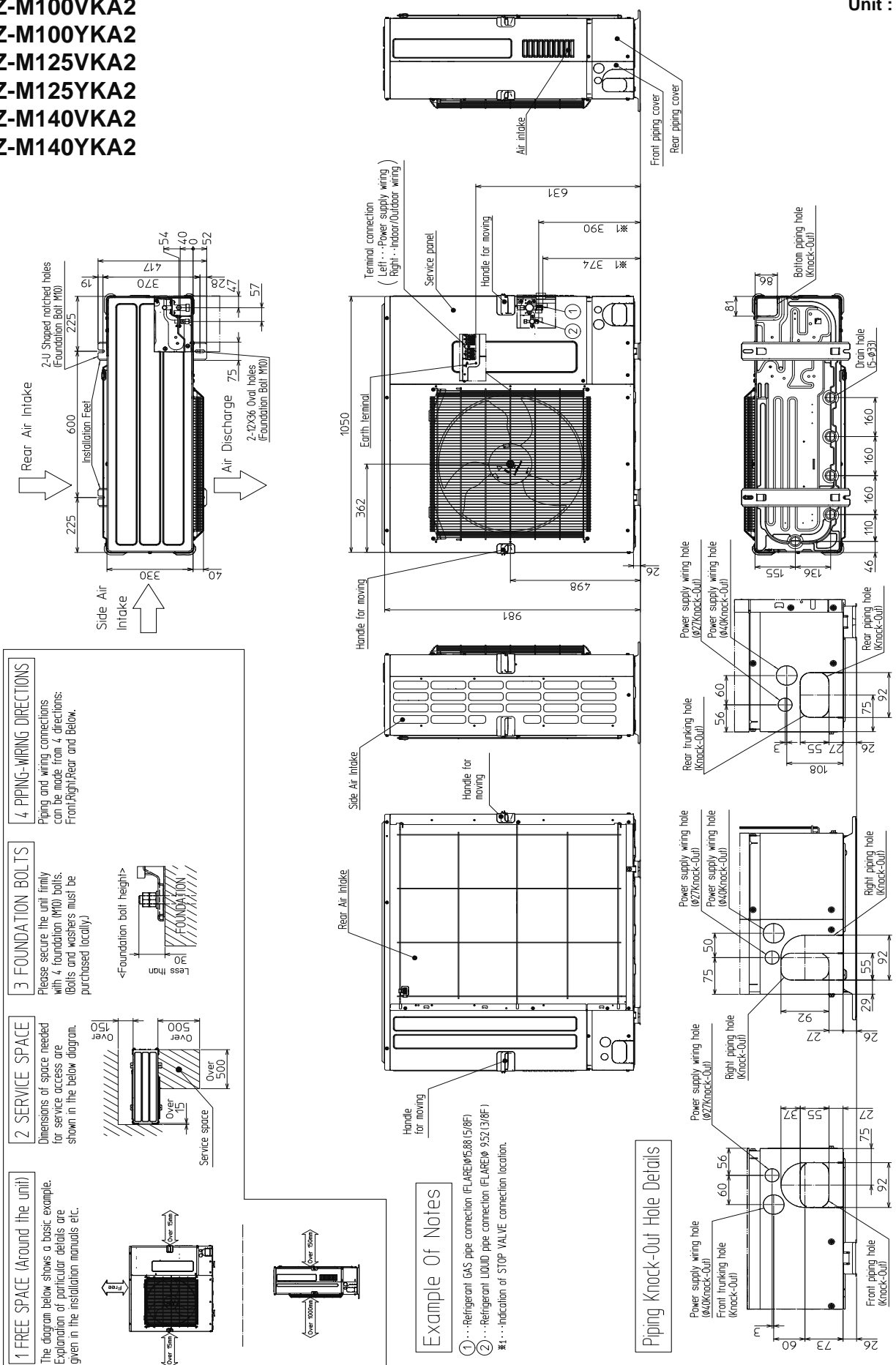
OUTDOOR UNIT
 OUTLINES AND DIMENSIONS



2. PUZ-M•KA2

- PUZ-M100VKA2
- PUZ-M100YKA2
- PUZ-M125VKA2
- PUZ-M125YKA2
- PUZ-M140VKA2
- PUZ-M140YKA2

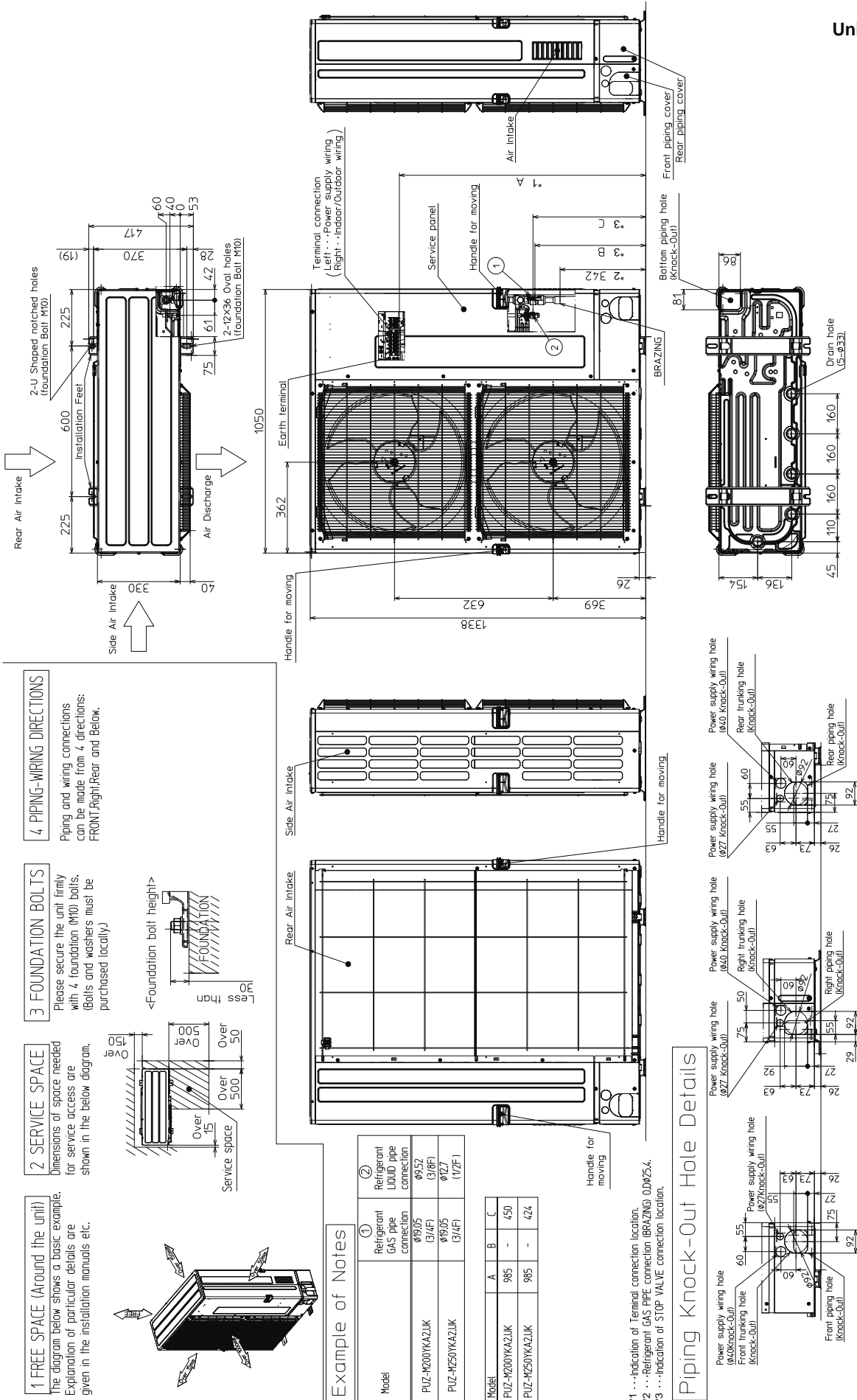
Unit : mm



OUTDOOR UNIT
OUTLINES AND DIMENSIONS

PUZ-M200YKA2
PUZ-M250YKA2

Unit : mm

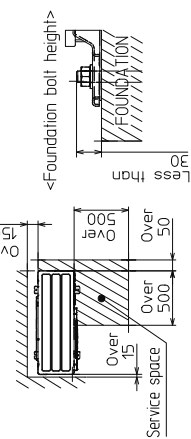


4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

1 FREE SPACE (Around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.



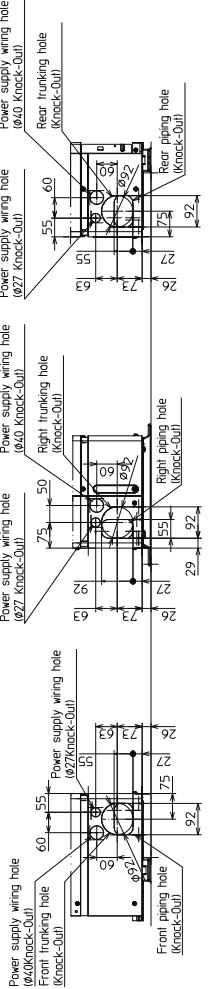
Example of Notes

Model	① Refrigerant GAS pipe connection		② Refrigerant LIQUID pipe connection	
	Ø	(G)	Ø	(G)
PUZ-M200YKA2JK	Ø19.05	(3/4F)	Ø9.52	(3/8F)
PUZ-M250YKA2JK	Ø19.05	(3/4F)	Ø12.7	(1/2F)

Model	A	B	C
PUZ-M200YKA2JK	985	-	450
PUZ-M250YKA2JK	985	-	424

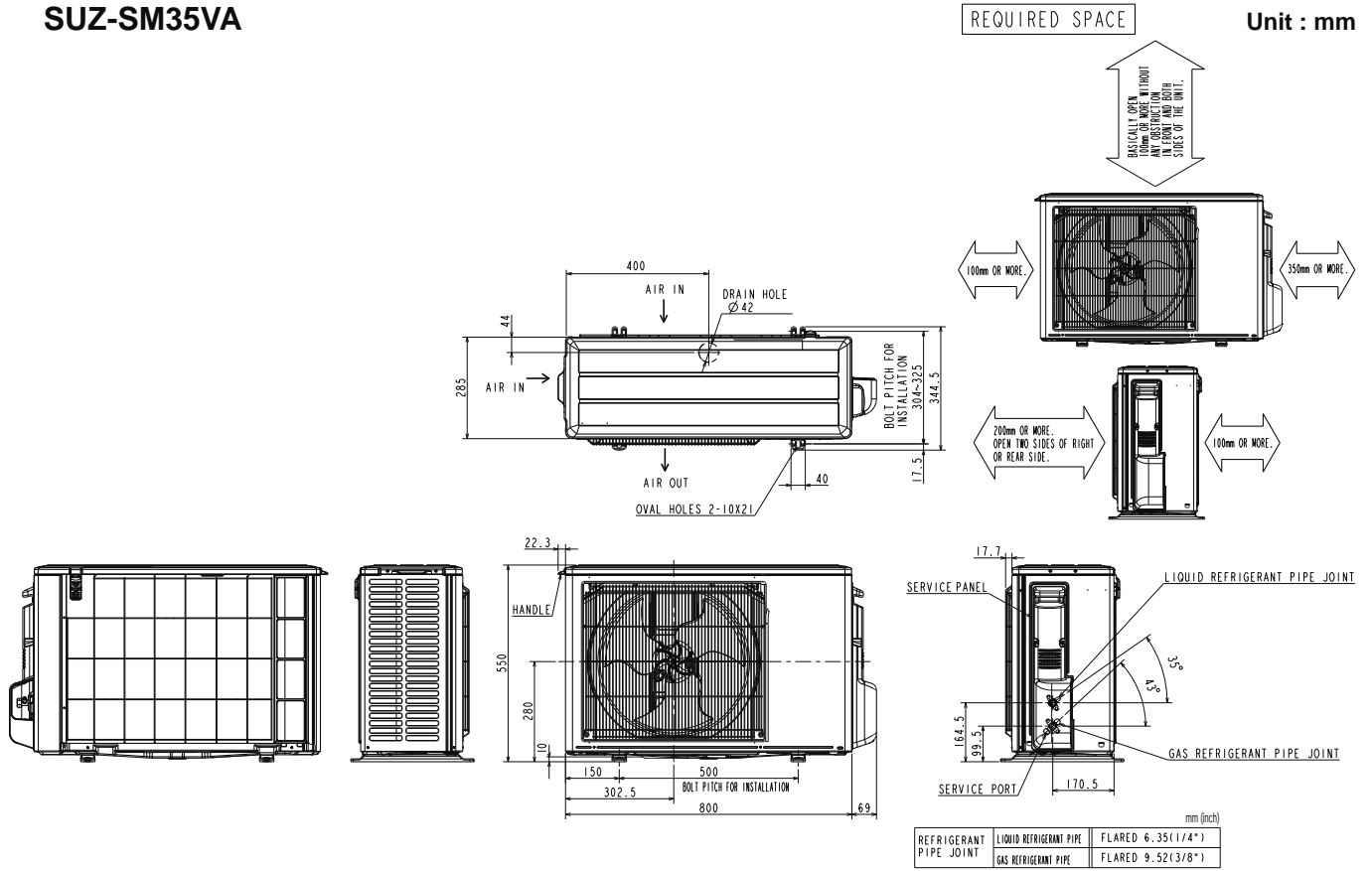
① ...Indication of Terminal connection location.
② ...Refrigerant GAS PIPE connection (BRAZING) location.
③ ...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details

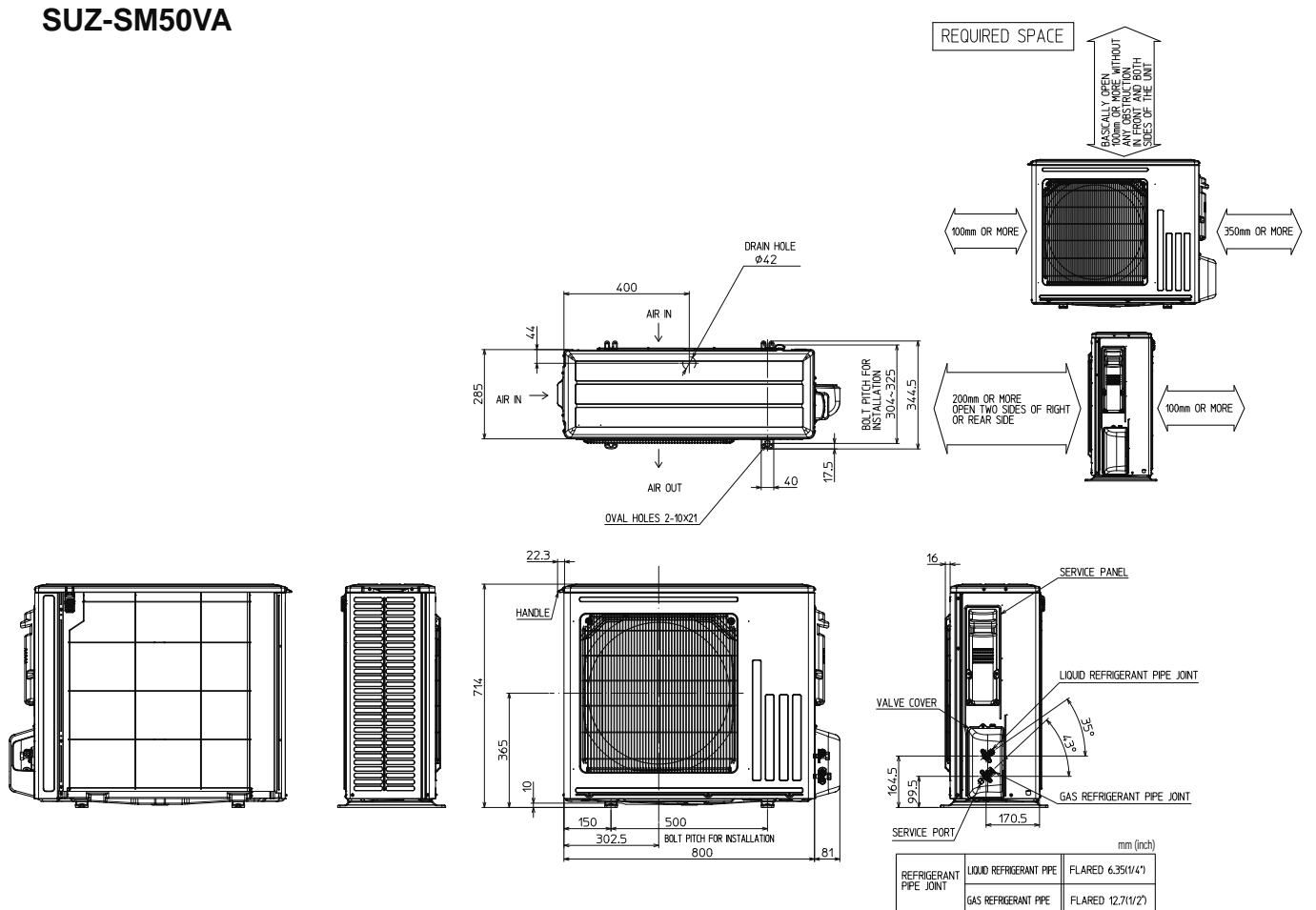


3. SUZ-SM•VA

SUZ-SM35VA



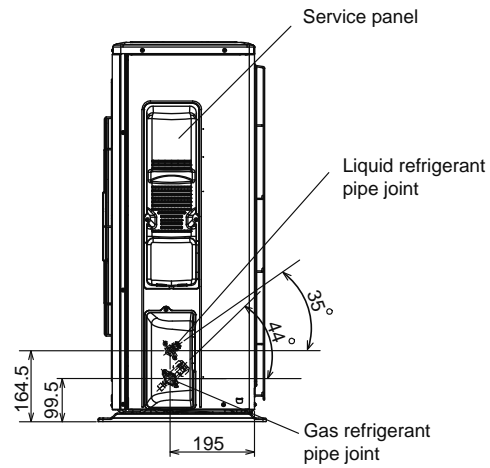
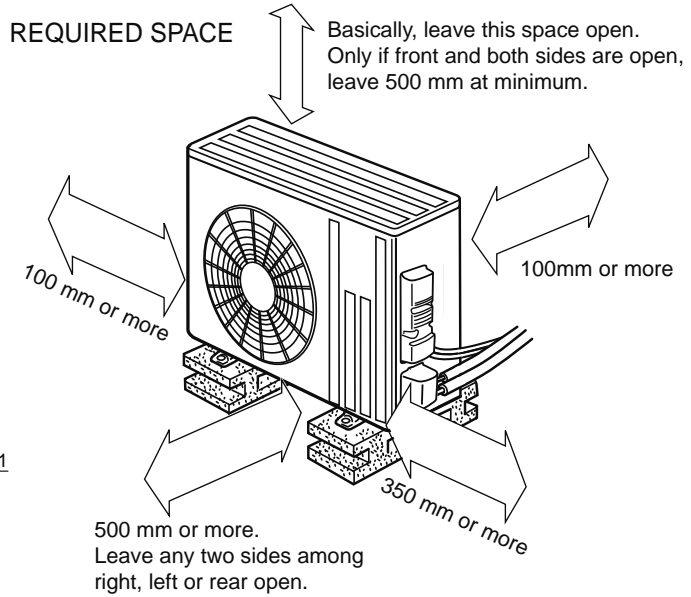
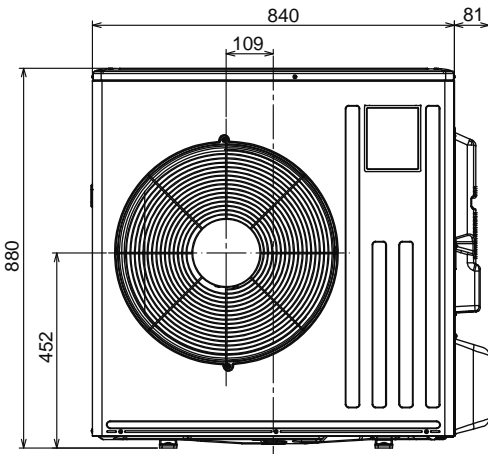
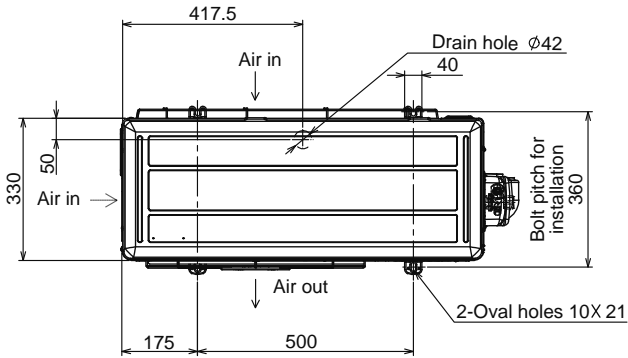
SUZ-SM50VA



OUTDOOR UNIT
OUTLINES AND DIMENSIONS

SUZ-SM60VA
SUZ-SM71VA

Unit : mm



mm (inch)

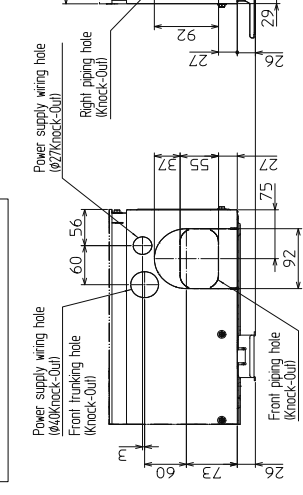
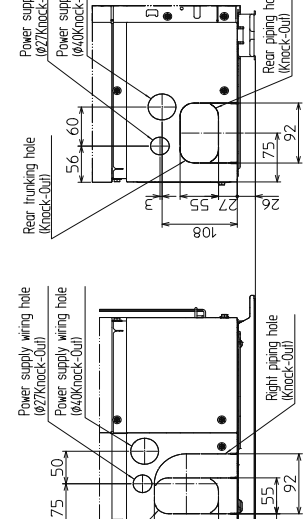
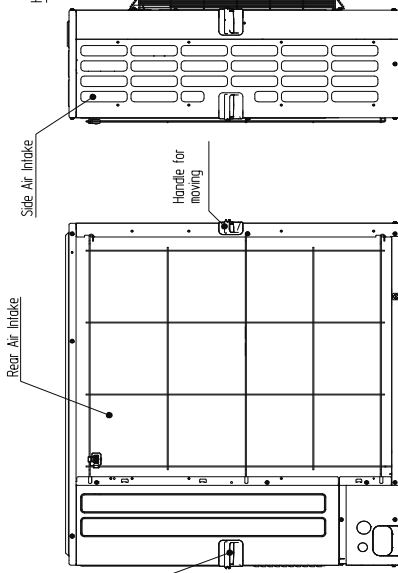
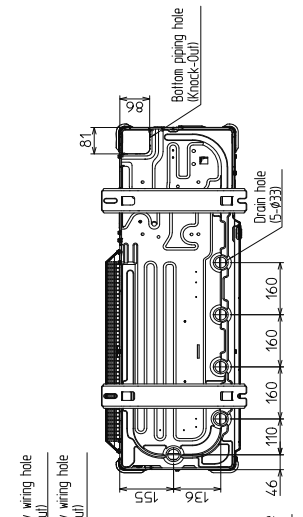
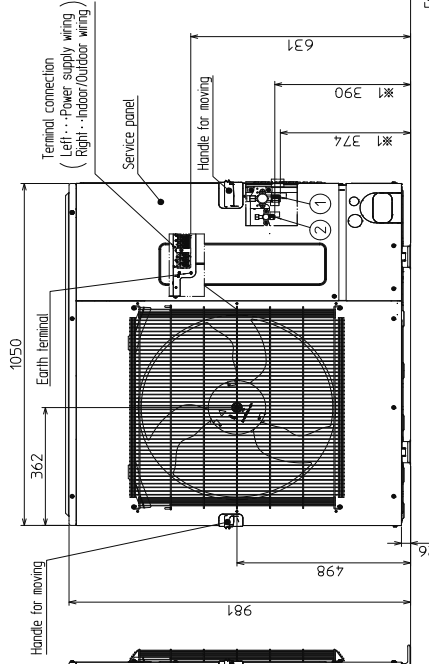
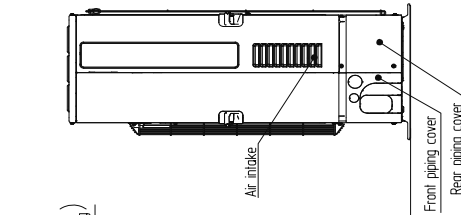
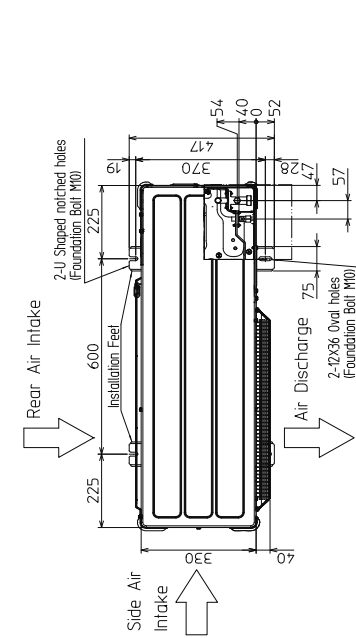
MODEL NAME	SUZ-SM60VA	SUZ-SM71VA
REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE FLARED 6.35(1/4")	LIQUID REFRIGERANT PIPE FLARED 9.52(3/8")
	GAS REFRIGERANT PIPE FLARED 15.88(5/8")	

OUTDOOR UNIT OUTLINES AND DIMENSIONS

4. PUZ-SM•KA

Unit : mm

- PUZ-SM100VKA
- PUZ-SM100YKA
- PUZ-SM125VKA
- PUZ-SM125YKA
- PUZ-SM140VKA
- PUZ-SM140YKA



1 FREE SPACE (Around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: Front/Right/Rear and Below.

Example Of Notes

① ...-Refrigerant GAS pipe connection (FLARE) (S8815/8F1)
 ② ...-Refrigerant LIQUID pipe connection (FLARE) (S8815/8F1)
 #1 ...-indication of STOP VALVE connection location.

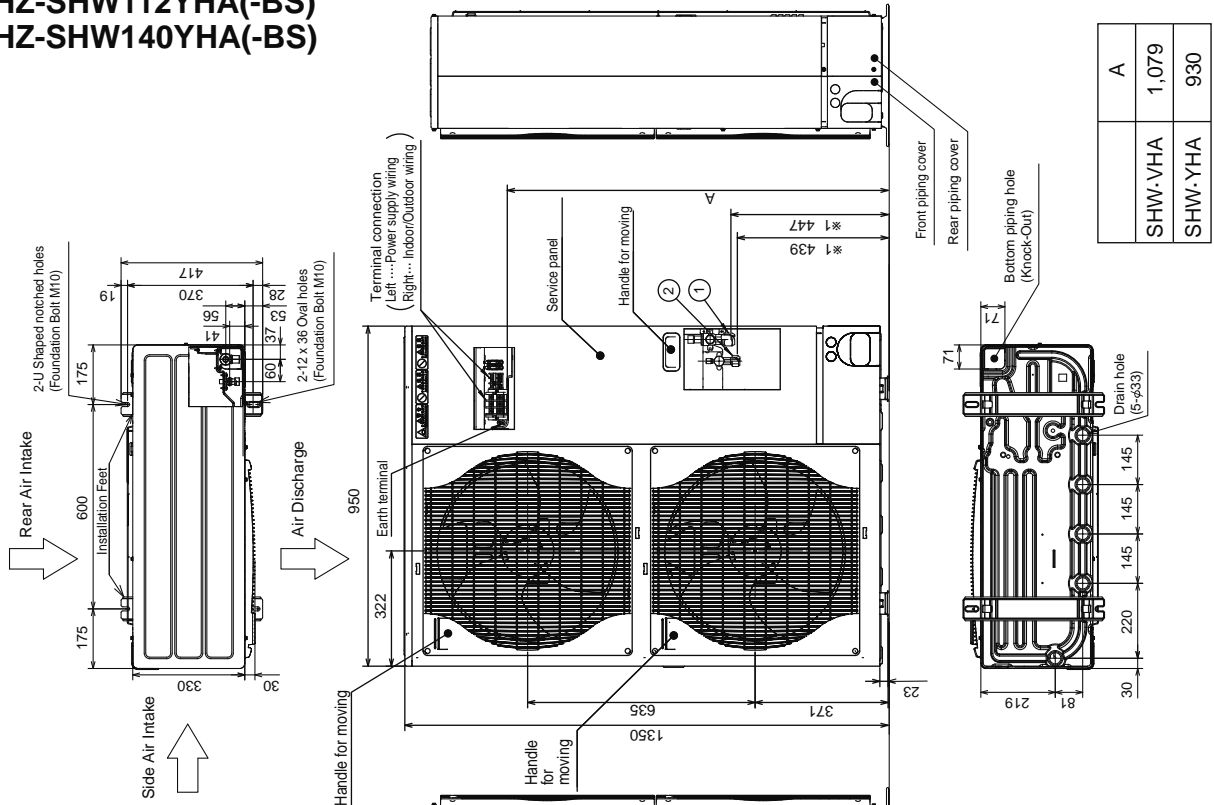
Piping Knock-Out Hole Details

A.8.1.2 R410A type

1. PUHZ-SHW•HA PUHZ-SHW•KA

PUHZ-SHW112VHA(-BS)
 PUHZ-SHW112YHA(-BS)
 PUHZ-SHW140YHA(-BS)

Unit : mm



A	SHW-VHA	1,079
	SHW-YHA	930

1 FREE SPACE (Around the unit)
 The diagram below shows a basic example. Explanation of particular details is given in the installation manuals etc.

2 SERVICE SPACE
 Dimensions of space needed for service access are shown in the below diagram.

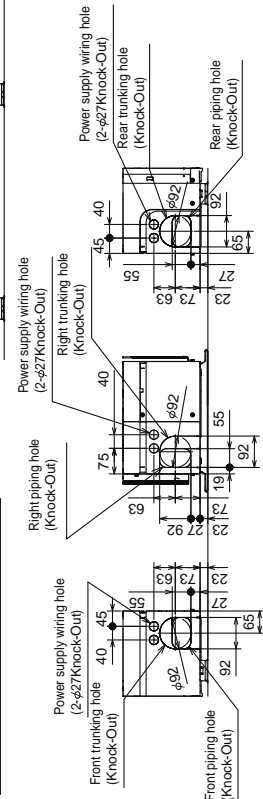
3 FOUNDATION BOLTS
 Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

4 PIPING-WIRING DIRECTIONS
 Piping and wiring connections can be made from 4 directions: Front, Right, Rear and Below.

Example of Notes

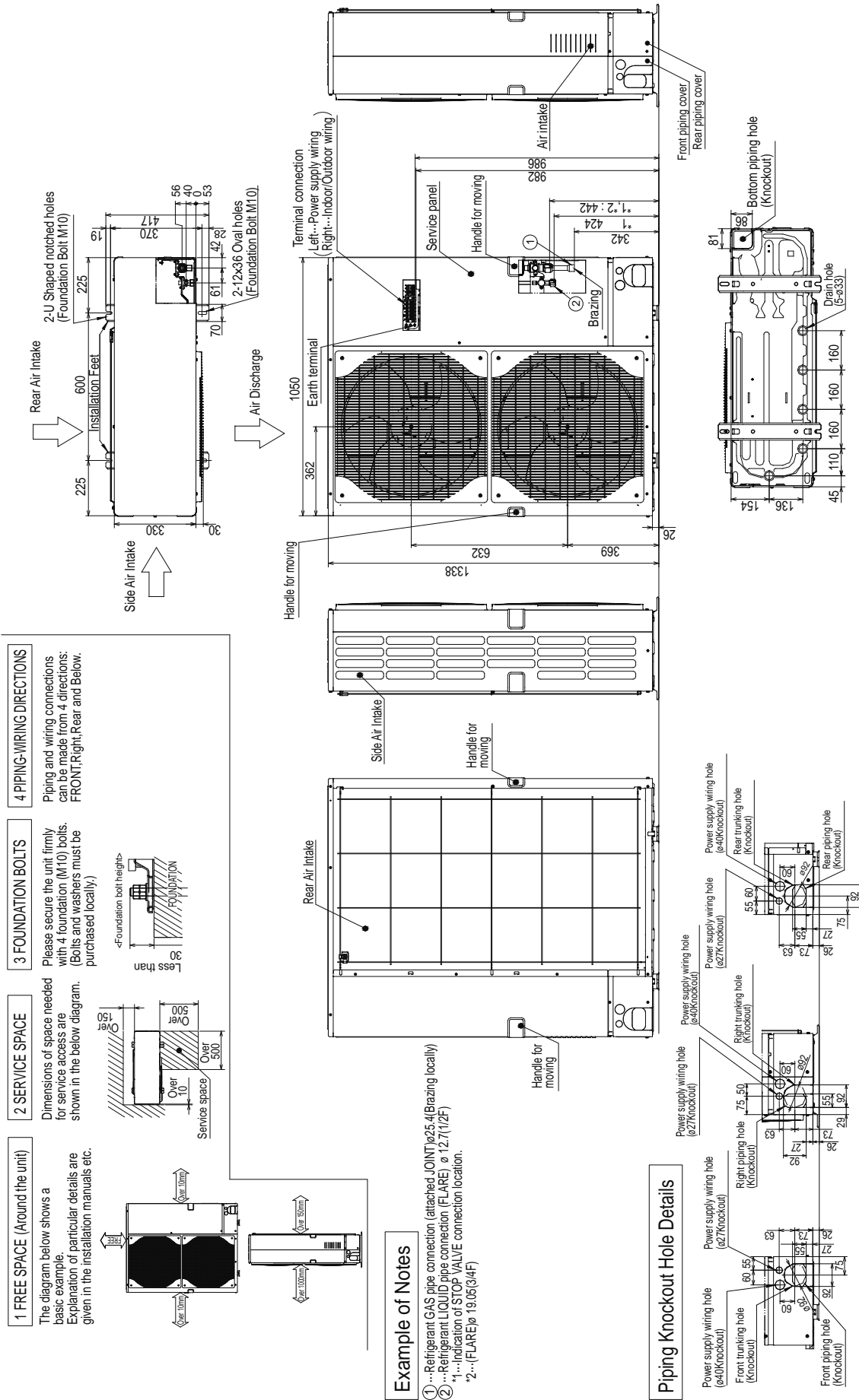
- ①...Refrigerant GAS pipe connection (FLARE)φ15.88(5/8 F)
- ②...Refrigerant LIQUID pipe connection (FLARE)φ9.52(3/8 F)
- ※1 ...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details



PUHZ-SHW230YKA2

Unit : mm

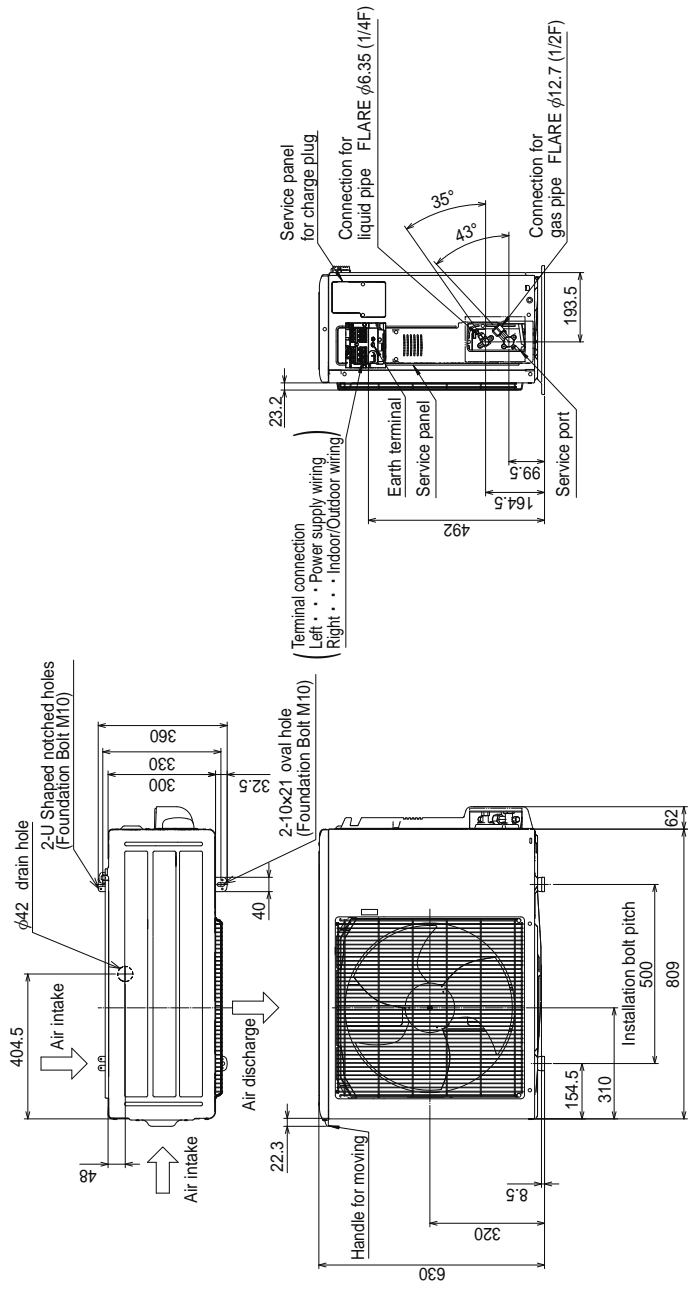
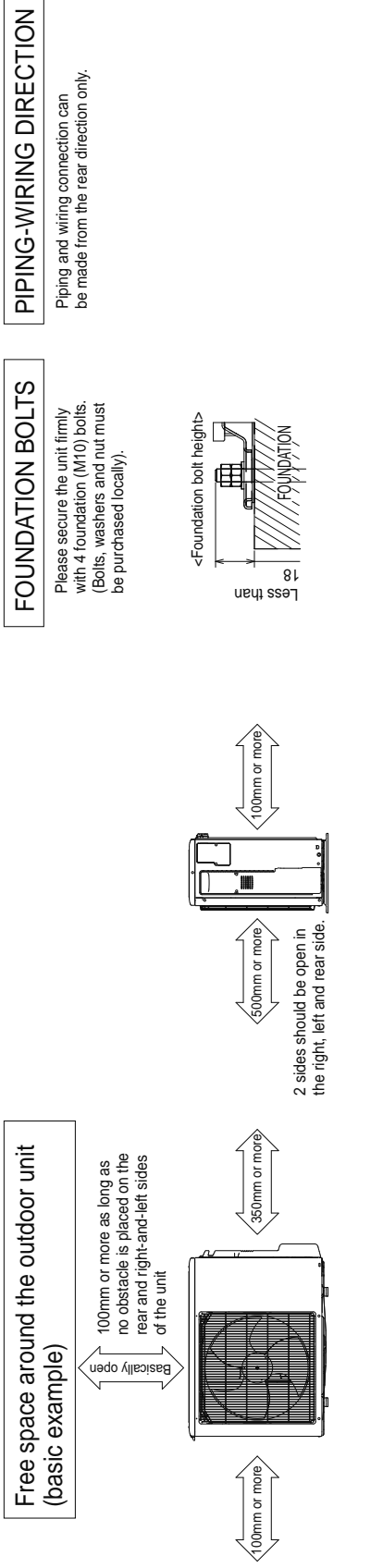


2. PUHZ-ZRP•KA2(3),HA2

PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2

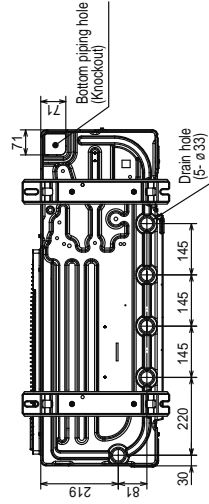
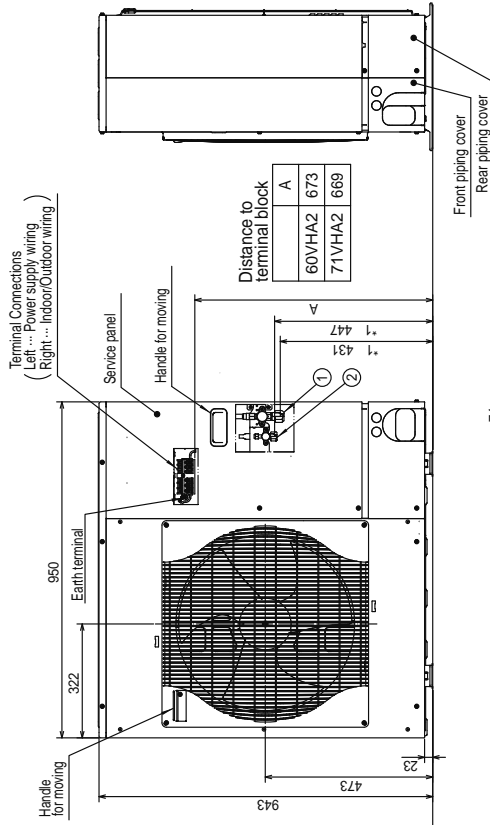
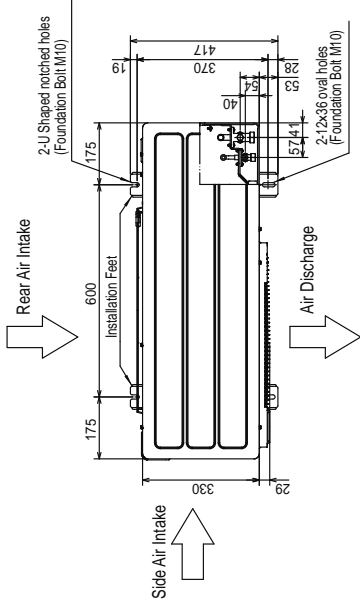
Unit : mm

OUTDOOR UNIT
OUTLINES AND DIMENSIONS



PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

Unit : mm

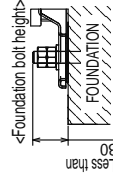


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

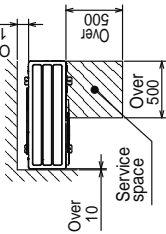
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally)



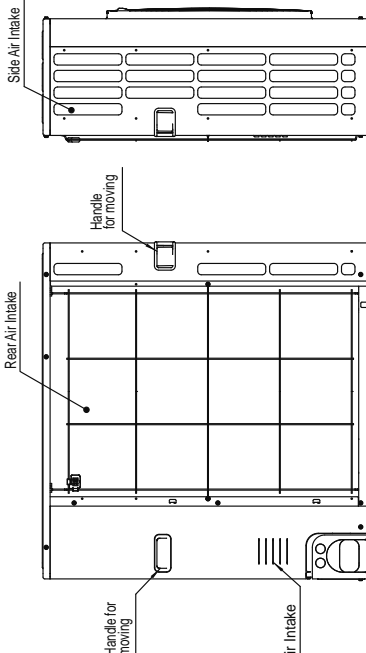
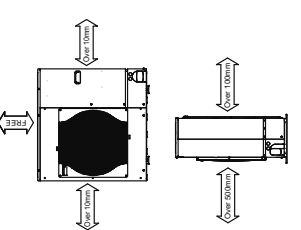
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

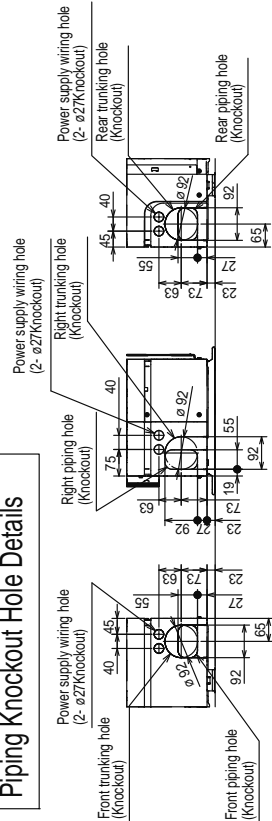
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.



Example of Notes

- ① ...Refrigerant GAS pipe connection (FLARE) φ15.88 (5/8F)
- ② ...Refrigerant LIQUID pipe connection (FLARE) φ9.52 (3/8F)
- *1 ... Indication of STOP VALVE connection location.

Piping Knockout Hole Details



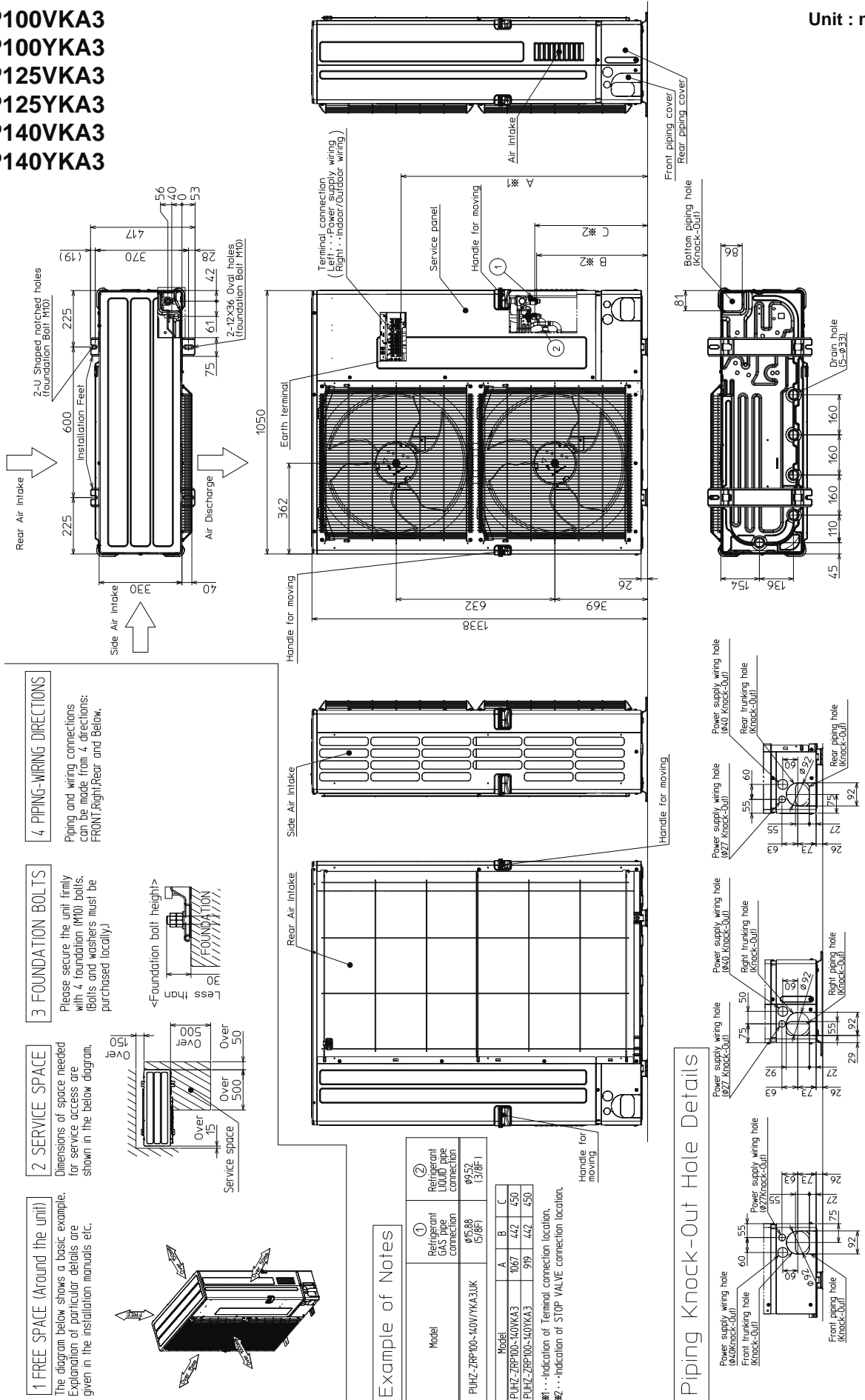
OUTDOOR UNIT

OUTLINES AND DIMENSIONS

PUHZ-ZRP100VKA3
 PUHZ-ZRP100YKA3
 PUHZ-ZRP125VKA3
 PUHZ-ZRP125YKA3
 PUHZ-ZRP140VKA3
 PUHZ-ZRP140YKA3

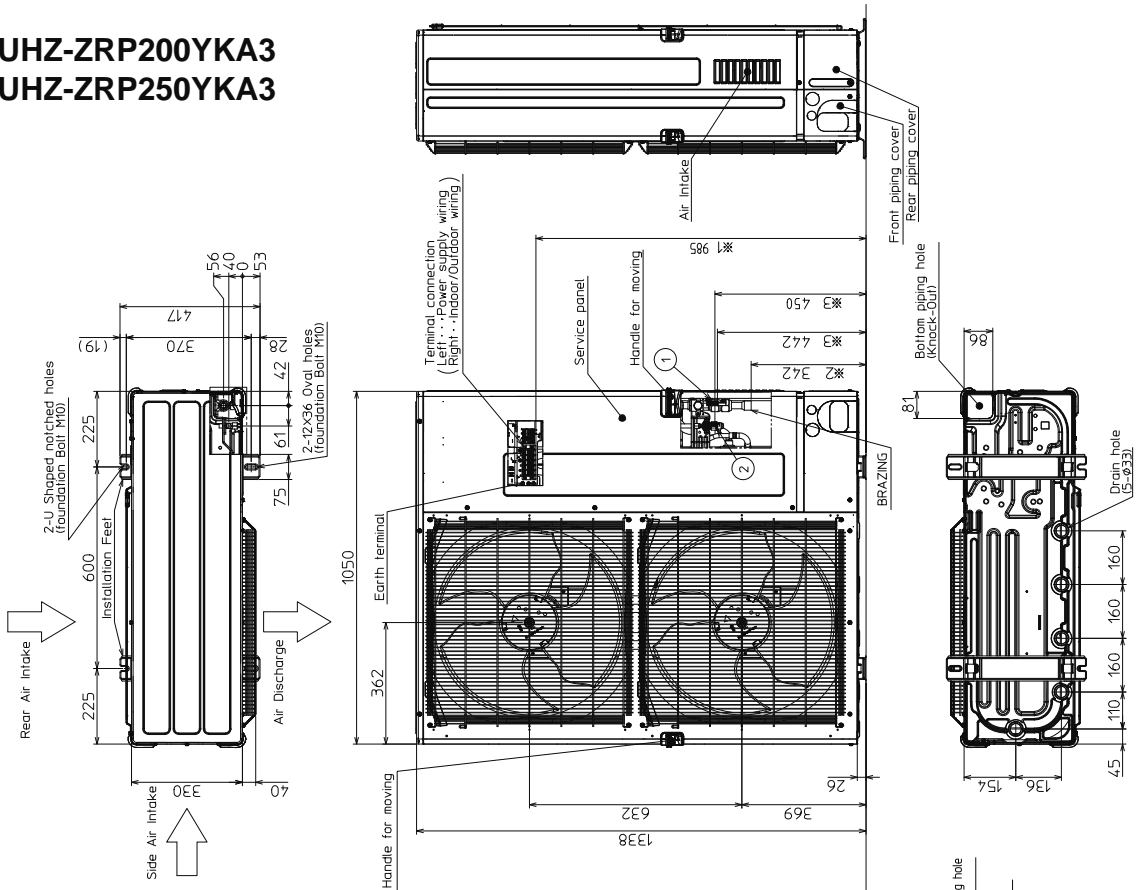
Unit : mm

OUTDOOR UNIT
 OUTLINES AND DIMENSIONS



**PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3**

Unit : mm

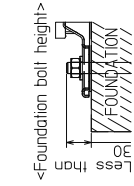


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

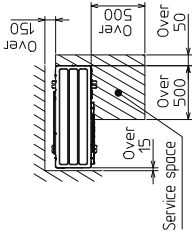
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)



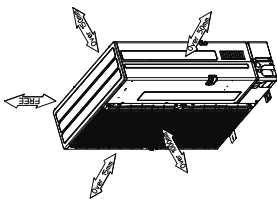
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

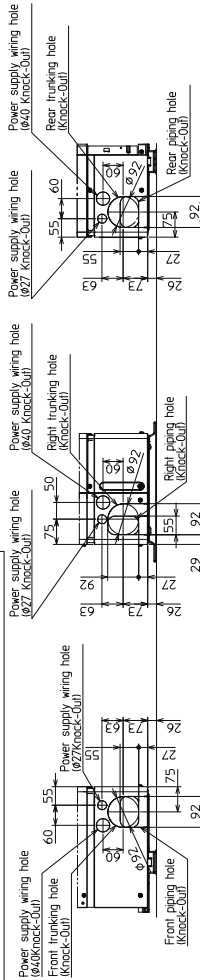


Example of Notes

Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-ZRP200YKA3	φ9.05 (3/4F)	φ9.52 (3/8F)
PUHZ-ZRP250YKA3	φ9.05 (3/4F)	φ9.71 (1/2F)

※...Indication of Terminal connection location.
※...Refrigerant GAS PIPE connection (BRAZING) 0.0φ25.4.
※...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details

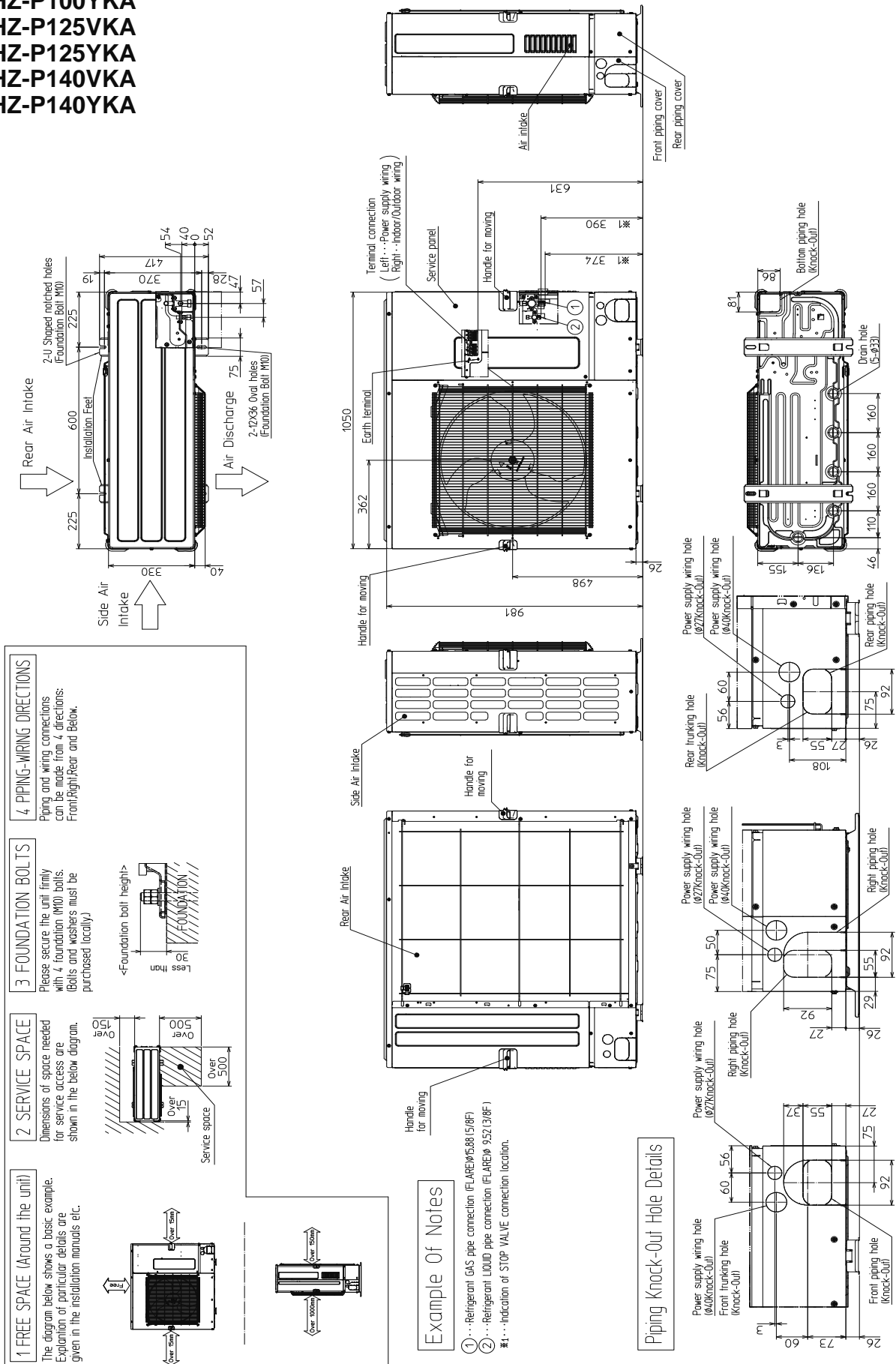


3. PUHZ-P•KA

- PUHZ-P100VKA
- PUHZ-P100YKA
- PUHZ-P125VKA
- PUHZ-P125YKA
- PUHZ-P140VKA
- PUHZ-P140YKA

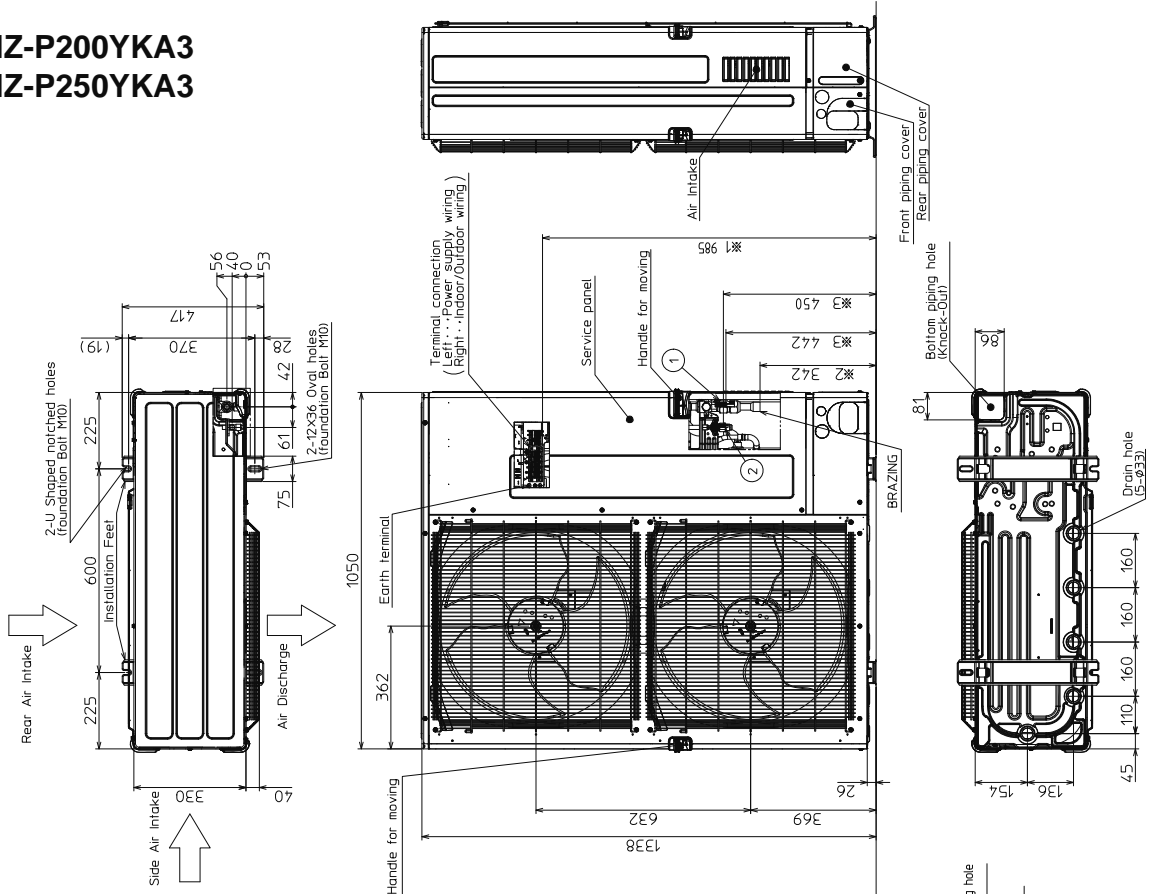
Unit : mm

OUTDOOR UNIT
OUTLINES AND DIMENSIONS



PUHZ-P200YKA3
PUHZ-P250YKA3

Unit : mm

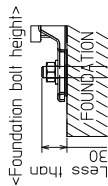


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

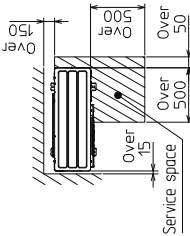
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. Bolts and washers must be purchased locally.



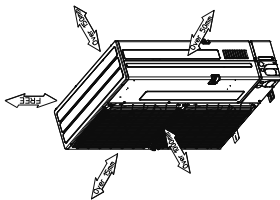
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

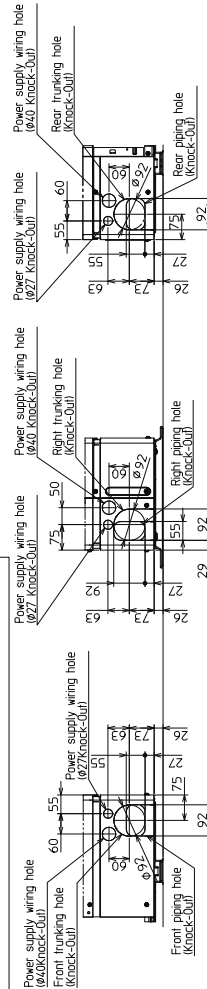


Example of Notes

Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-P200YKA3	φ19.05 (3/4F)	φ9.52 (3/8F)
PUHZ-P250YKA3	φ19.05 (3/4F)	φ9.27 (1/2F)

*1...Indication of Terminal connection location.
*2...Refrigerant GAS PIPE connection (BRAZING) 0.0φ25.4.
*3...Indication of STOP VALVE connection location.

Piping Knock-Out Hole Details

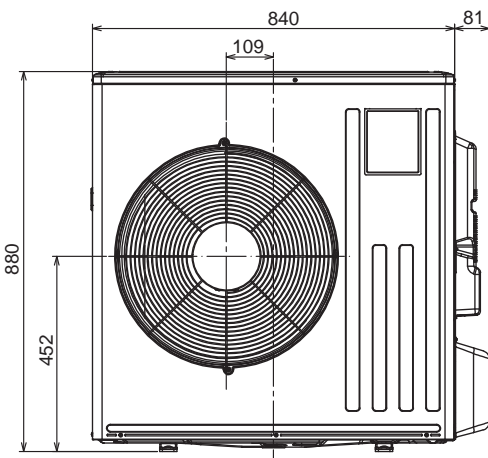
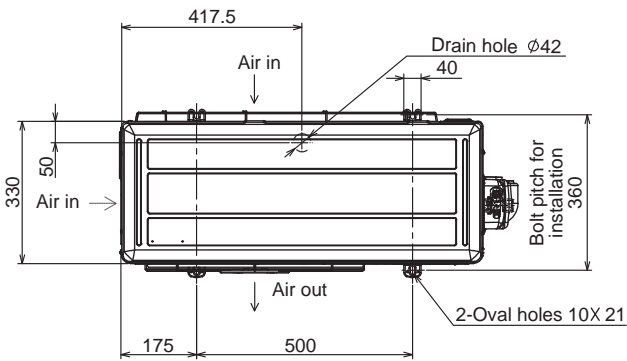


4. SUZ-SA•VA

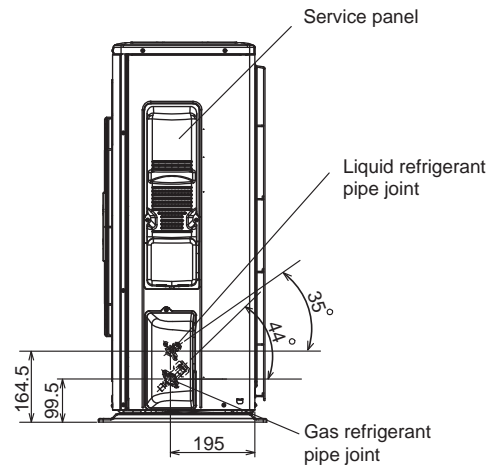
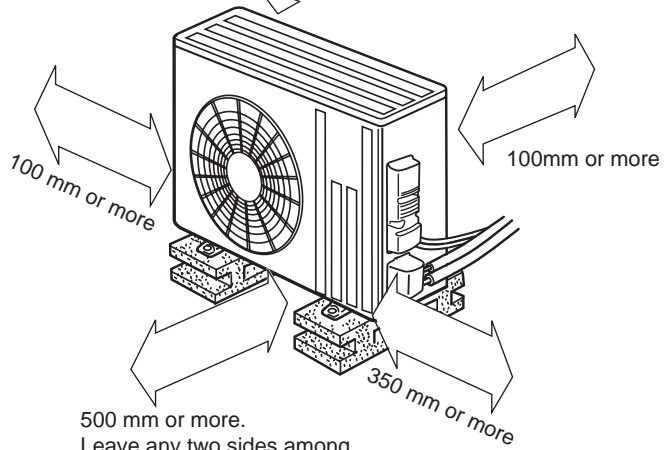
SUZ-SA71VA3
 SUZ-SA100VA2

Unit : mm

OUTDOOR UNIT
 OUTLINES AND DIMENSIONS



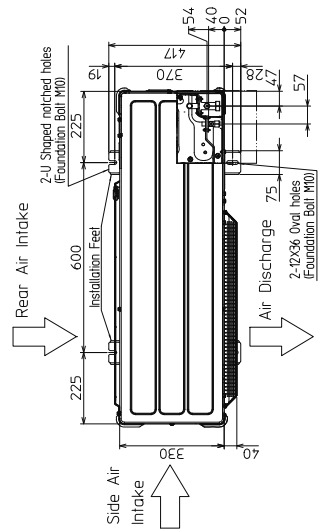
REQUIRED SPACE \updownarrow Basically, leave this space open.
 Only if front and both sides are open,
 leave 500 mm at minimum.



5. PUHZ-SP•KA

- PUHZ-SP100YKA
- PUHZ-SP125VKA
- PUHZ-SP125YKA
- PUHZ-SP140VKA
- PUHZ-SP140YKA

Unit : mm

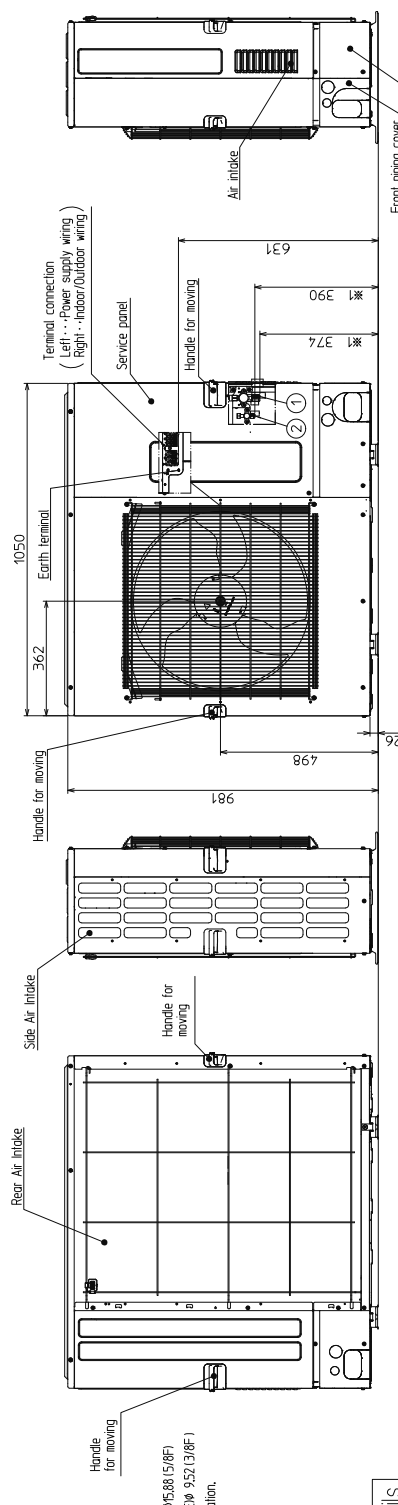


1 FREE SPACE (Around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

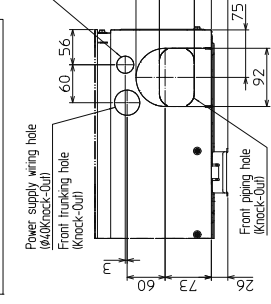
3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation M10 bolts. Bolts and washers must be purchased locally.

4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: Front/Right/Rear and Below.



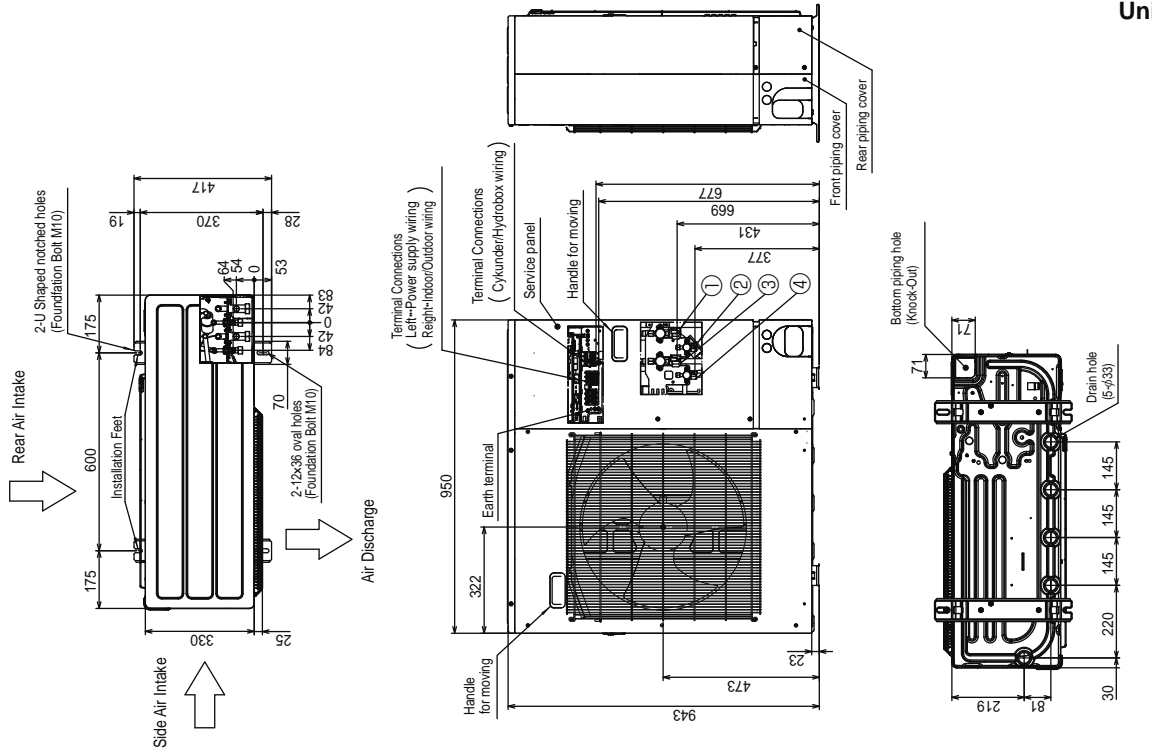
Example Of Notes

- ① ... Refrigerant GAS pipe connection (FLARE) #5.88 (1/8F)
- ② ... Refrigerant LIQUID pipe connection (FLARE) # 9.52 (3/8F)
- ※1 ... Indication of STOP VALVE connection location.



6. PUHZ-FRP71VHA2

Unit : mm



1 FREE SPACE (Around the unit)
The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

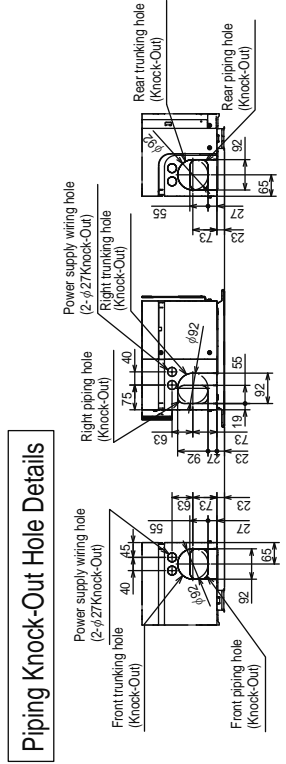
2 SERVICE SPACE
Dimensions of space needed for service access are shown in the below diagram.

3 FOUNDATION BOLTS
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

4 PIPING-WIRING DIRECTIONS
Piping and wiring connections can be made from 4 directions: FRONT, Right, Rear and Below.

- Example of Notes**
- ① ---Refrigerant GAS pipe connection (FLARE) φ15.88(5/8F)
*Connect to indoor unit.
 - ② ---Refrigerant LIQUID pipe connection (FLARE) φ9.52(3/8F)
*Connect to indoor unit.
 - ③ ---Refrigerant GAS pipe connection (FLARE) φ15.88(5/8F)
*Connect to cylinder unit or hydrobox.
 - ④ ---Refrigerant LIQUID pipe connection (FLARE) φ9.52(3/8F)
*Connect to cylinder unit or hydrobox.

This tap mark indicates the cylinder/hydro unit connection side for the following parts.
*Terminal bed for the connecting cables, S1/S2/S3.
*Stop valves, gas and liquid for the refrigerant connection.



A.8.2 WIRING DIAGRAM

A.8.2.1 R32 type

1. PUZ-ZM•HA2 PUZ-ZM•KA2

PUZ-ZM35VKA2

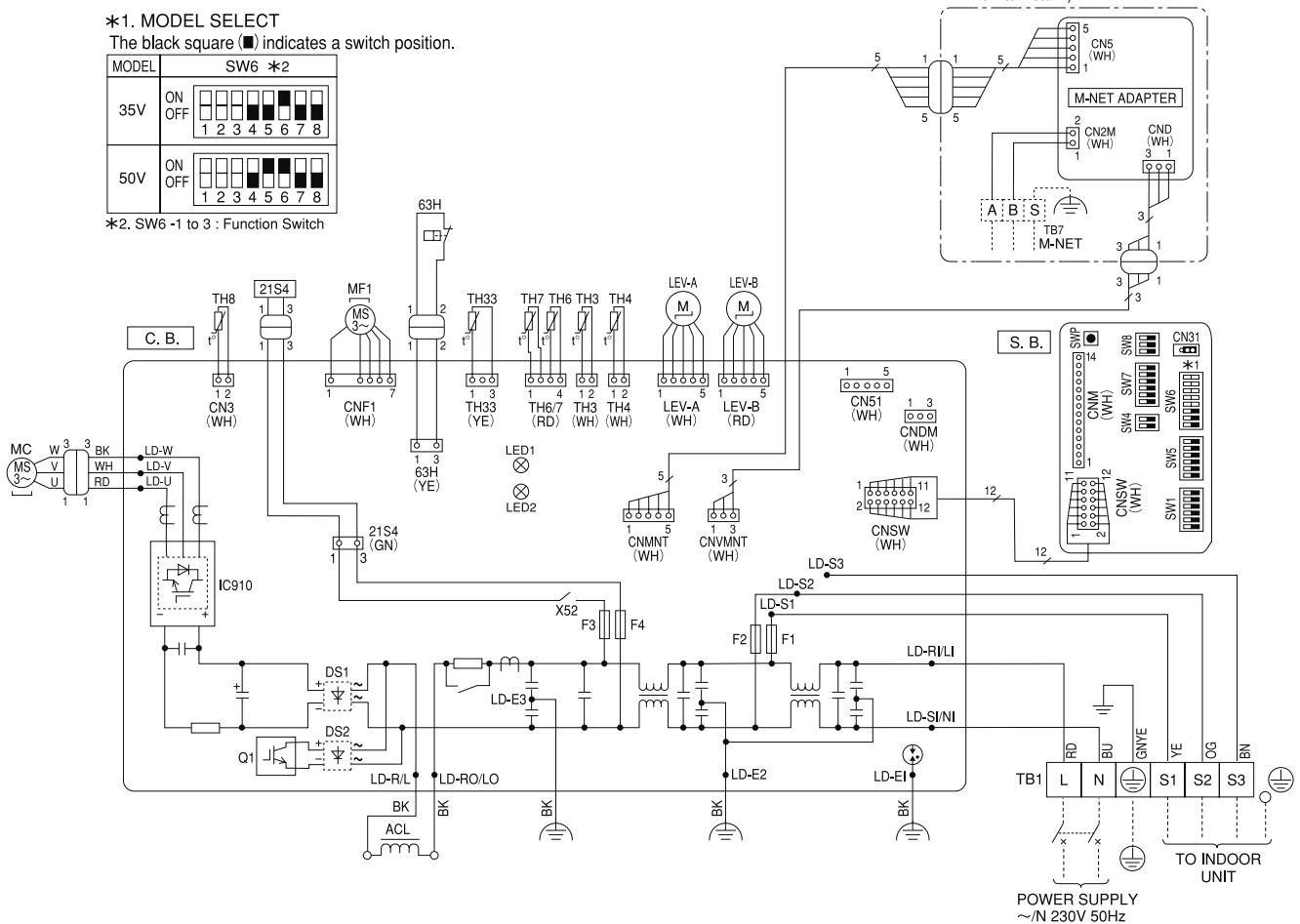
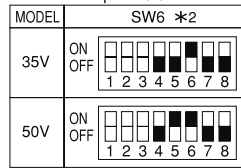
PUZ-ZM50VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	S. B.	Switch Board
MC	Motor for Compressor	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)
MF1	Fan Motor	SW4	Switch (Test Operation)
21S4	Solenoid Valve (4-Way Valve)	SW5	Switch (Function Switch)
63H	High Pressure Switch	SW6	Switch (Model Select)
TH3	Thermistor (Liquid)	SW7	Switch (Function Switch)
TH4	Thermistor (Discharge)	SW8	Switch (Function Switch)
TH6	Thermistor (2-Phase Pipe)	SWP	Switch (Pump Down)
TH7	Thermistor (Ambient)	CN31	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	CNM	Connector (Connection for Option)
TH33	Thermistor (Comp. Surface)	M-NET ADAPTER	
LEV-A, LEV-B	Linear Expansion Valve	TB7	Terminal Block (M-NET connection)
ACL	Reactor	CN5	Connector (Transmission)
C. B.	Controller Circuit Board	CND	Connector (Power Supply)
F1, F2	Fuse (T10AL250V)	CN2M	Connector (M-NET communication)
F3, F4	Fuse (T3.15AL250V)		
CNDM	Connector (Connection for Option)		
CN51	Connector (Connection for Option)		
CNMNT	Connector (Connection for Option)		
CNVMT	Connector (Connection for Option)		

***1. MODEL SELECT**

The black square (■) indicates a switch position.



When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install.)

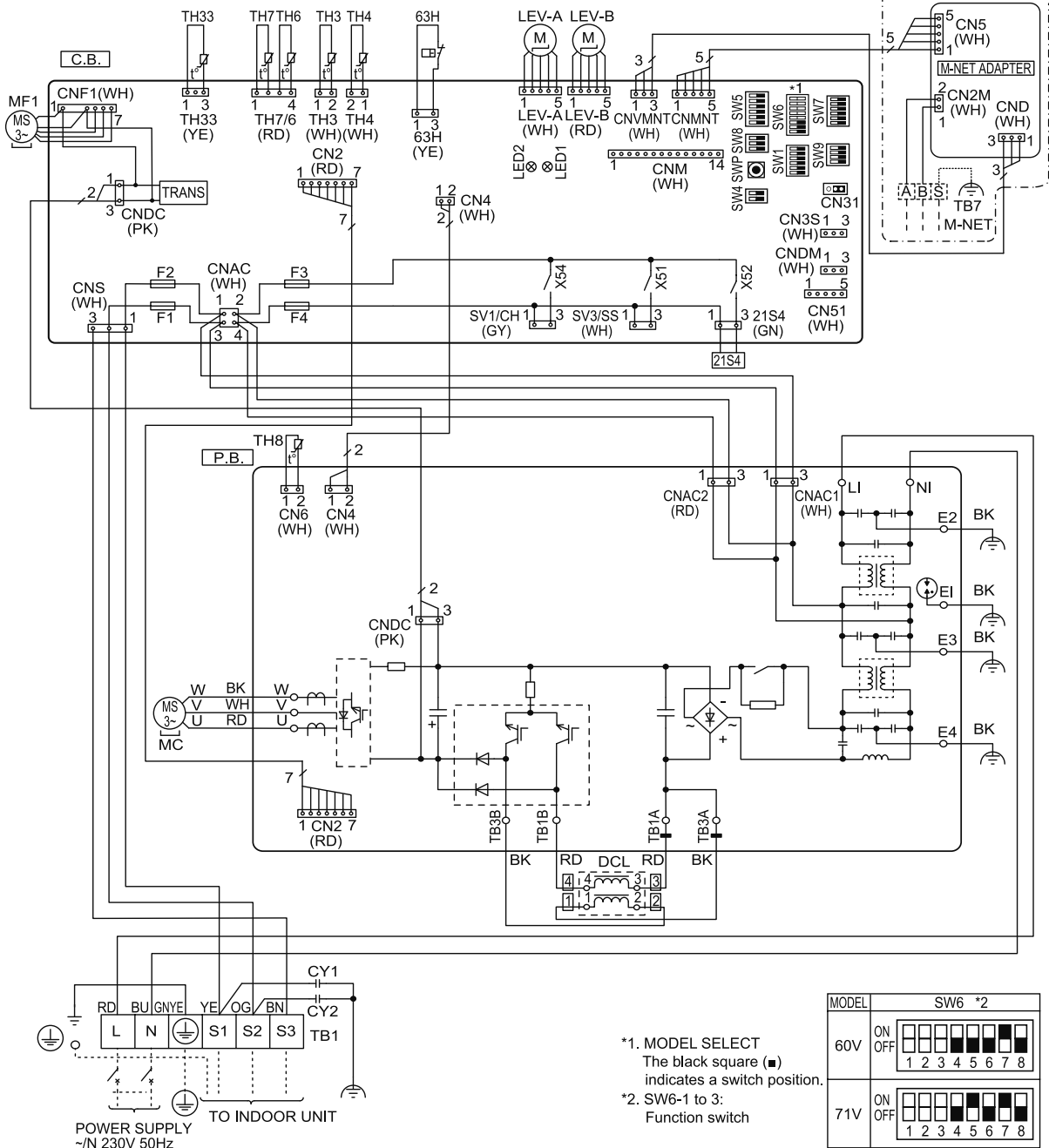
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM60VHA2
PUZ-ZM71VHA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV1/CH	Connector <Connection for Option>
MF1	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	SV3/SS	Connector <Connection for Option>
63H	High Pressure Switch	SW4	Switch <Test Operation>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	SW5	Switch <Function Switch>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW6	Switch <Function Switch>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW7	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH7	Thermistor <Ambient>	SW8	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH8	Thermistor <Heat Sink>	SW9	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
TH33	Thermistor <Comp. Surface>	SWP	Switch <Pump Down>	X51, X52, X54	Relay
LEV-A, LEV-B	Linear Expansion Valve	CN31	Connector <Emergency Operation>		
21S4	Solenoid Valve (4-Way Valve)	CN3S	Connector <Connection for Option>		
CY1, CY2	Capacitor	CNDM	Connector <Connection for Option>		
DCL	Reactor				

When M-NET Adapter is connected (Refer to I.M. of M-NET Adapter for how to install. Group is B.)



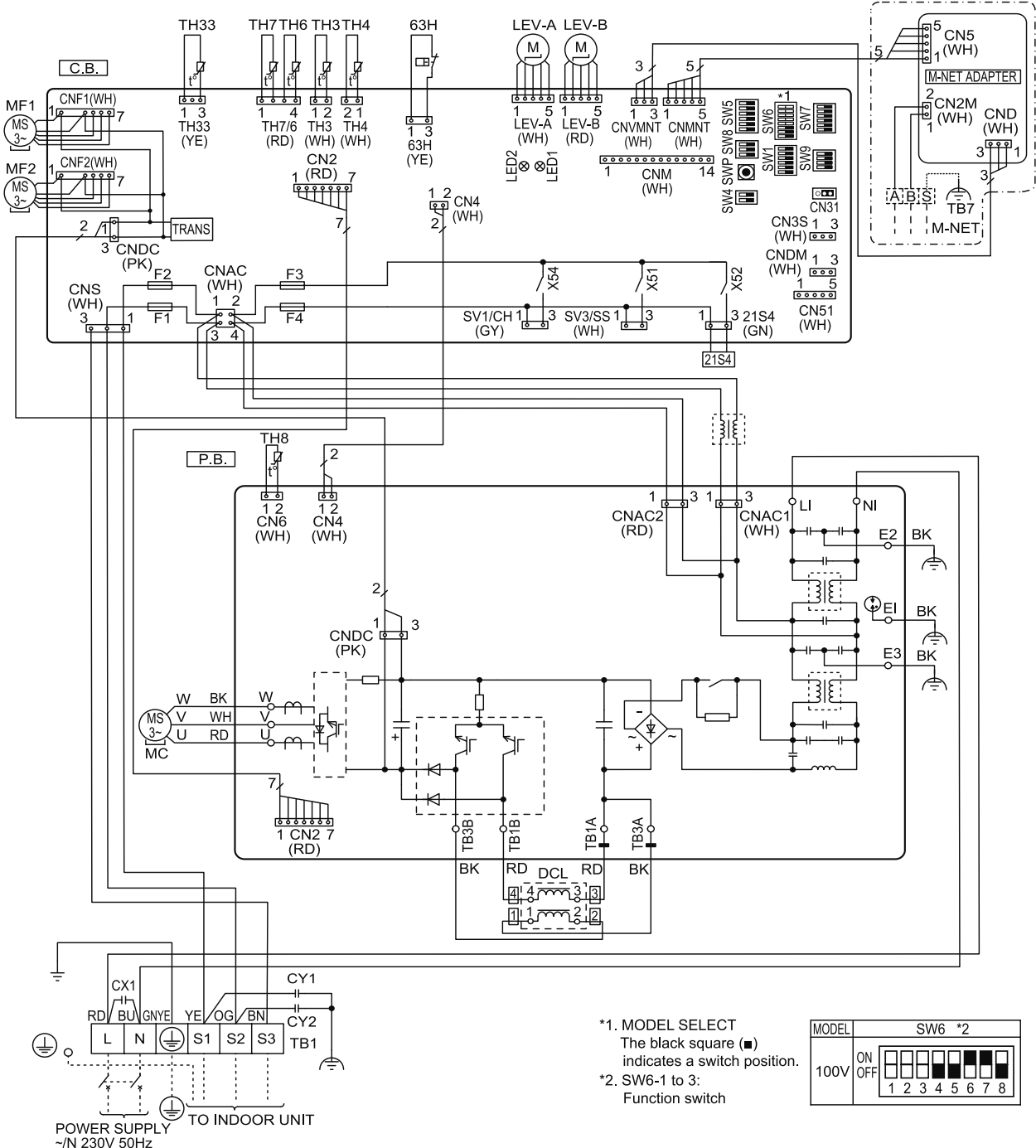
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM100VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	SV1/CH	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV3/SS	Connector <Connection for Option>
MF1, MF2	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
63H	High Pressure Switch	SW4	Switch <Test Operation>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH3	Thermistor <Liquid>	SW5	Switch <Function Switch>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW6	Switch <Model Select>	LED1, LED2	LED <Operation Inspection Indicators>
TH6	Thermistor <2-Phase Pipe>	SW7	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH7	Thermistor <Ambient>	SW8	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
TH8	Thermistor <Heat Sink>	SW9	Switch <Function Switch>	X51, X52, X54	Relay
TH33	Thermistor <Comp. Surface>	SWP	Switch <Pump Down>		
LEV-A, LEV-B	Linear Expansion Valve	CN31	Connector <Emergency Operation>		
21S4	Solenoid Valve (4-Way Valve)	CN3S	Connector <Connection for Option>		
DCL	Reactor	CNDM	Connector <Connection for Option>		
CX1	Capacitor	CN51	Connector <Connection for Option>		
CY1, CY2	Capacitor				

When M-NET Adapter is connected (Refer to I.M.of M-NET Adapter for how to install.Group is B.)



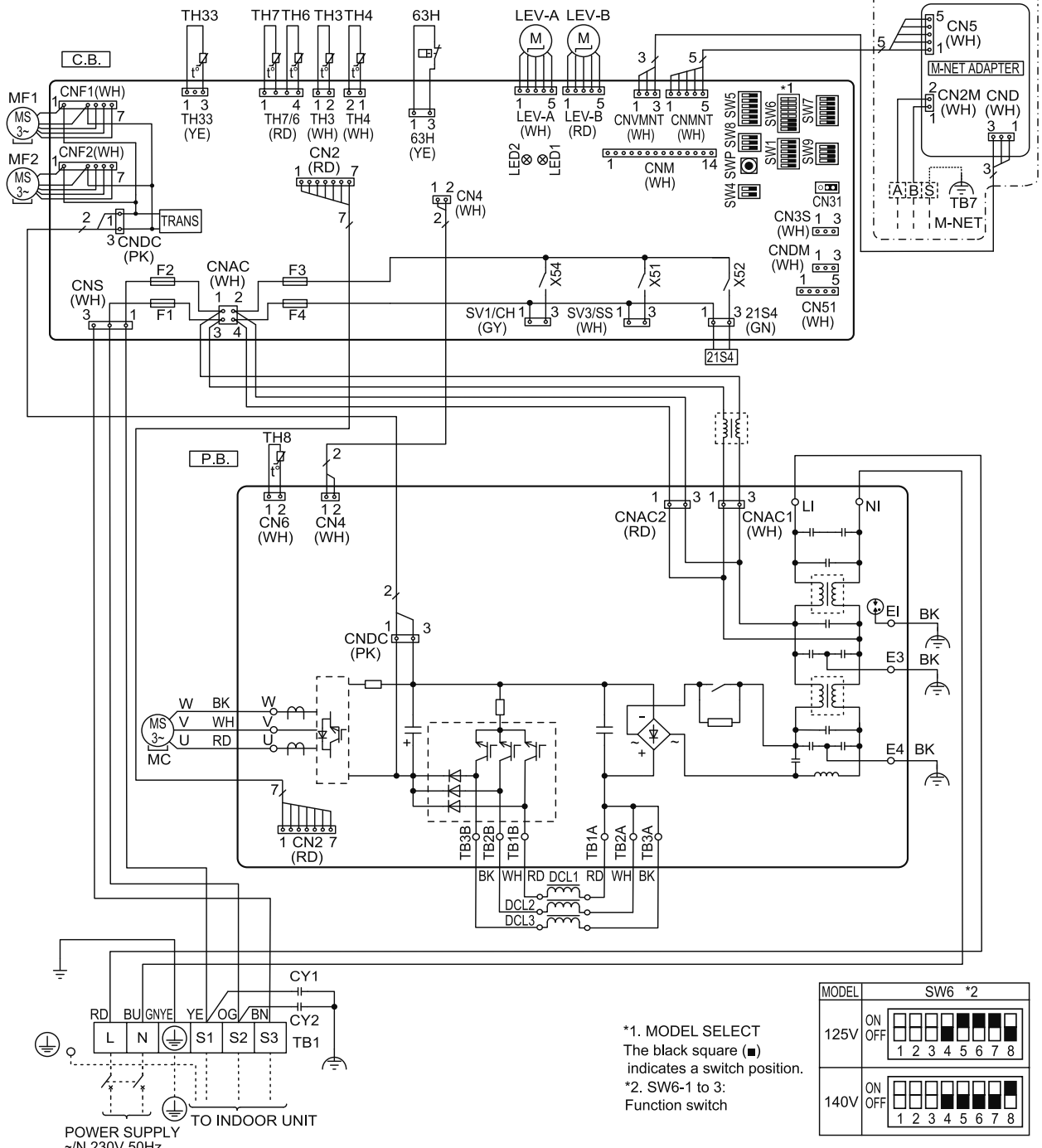
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM125VKA2
PUZ-ZM140VKA2

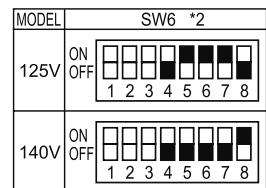
[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MC	Motor for Compressor	C.B.	Controller Circuit Board	SV1/CH	Connector <Connection for Option>
MF1, MF2	Fan Motor	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	SV3/SS	Connector <Connection for Option>
63H	High Pressure Switch	SW4	Switch <Test Operation>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	SW5	Switch <Function Switch>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW6	Switch <Model Select>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW7	Switch <Function Switch>	LED1, LED2	LED <Operation Inspection Indicators>
TH7	Thermistor <Ambient>	SW8	Switch <Function Switch>	F1, F2	Fuse <T10AL250V>
TH8	Thermistor <Heat Sink>	SW9	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
TH33	Thermistor <Comp. Surface>	SWP	Switch <Pump Down>	X51, X52, X54	Relay
LEV-A, LEV-B	Linear Expansion Valve	CN31	Connector <Emergency Operation>		
21S4	Solenoid Valve (4-Way Valve)	CN3S	Connector <Connection for Option>		
DCL1, DCL2, DCL3	Reactor	CNDM	Connector <Connection for Option>		
CY1, CY2	Capacitor				

When M-NET Adapter is connected (Refer to I.M.of M-NET Adapter for how to install.Group is B.)



*1. MODEL SELECT
The black square (■) indicates a switch position.
*2. SW6-1 to 3:
Function switch

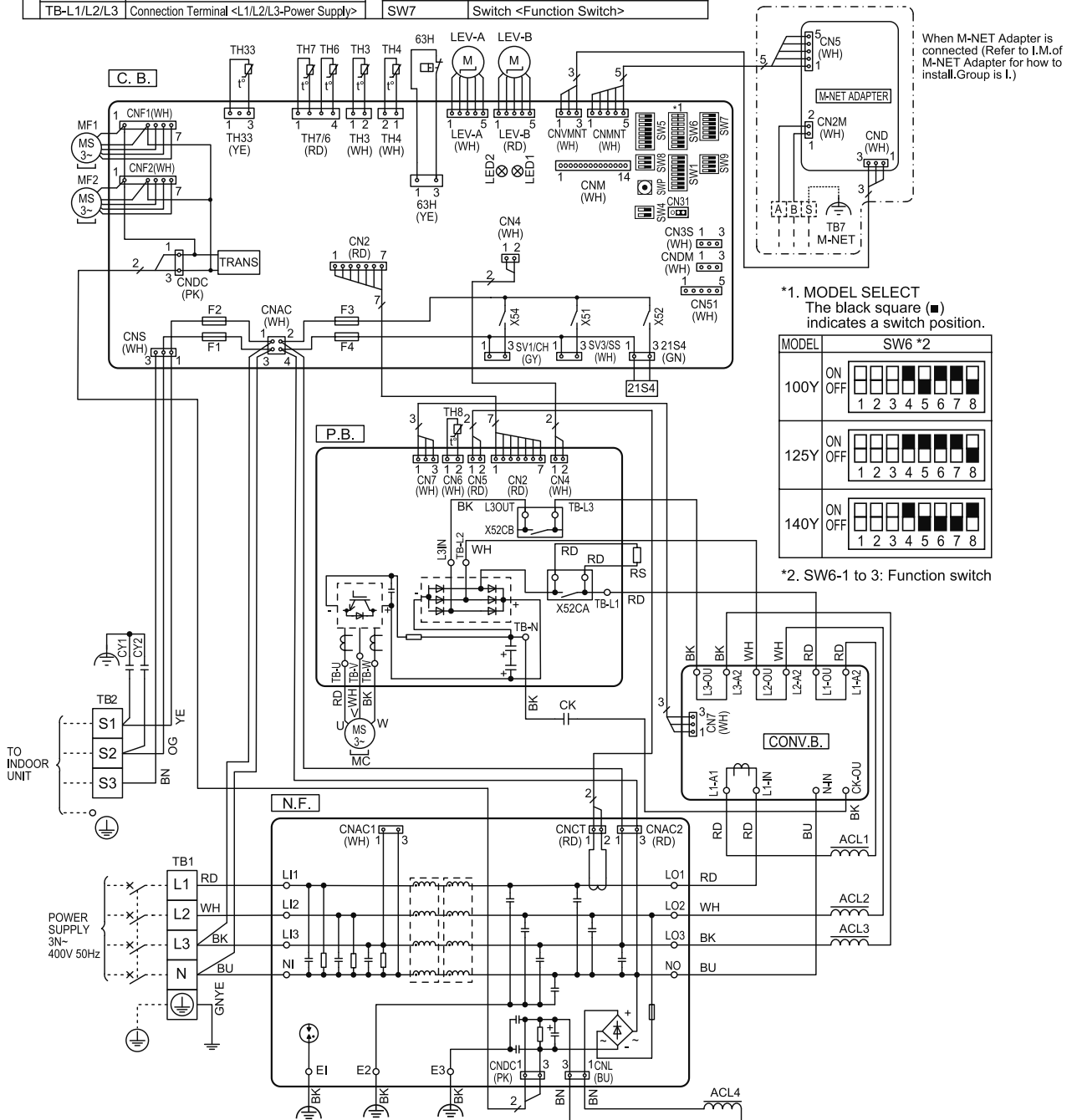


OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM100YKA2
PUZ-ZM125YKA2
PUZ-ZM140YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TB-N	Connection Terminal	SW8	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	X52CA/B	52C Relay	SW9	Switch <Function Switch>
MC	Motor for Compressor	N.F.	Noise Filter Circuit Board	SWP	Switch <Pump Down>
MF1, MF2	Fan Motor	L11/L12/L13/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	CN31	Connector <Emergency Operation>
63H	High Pressure Switch	L01/L02/L03/NO	Connection Terminal <L1/L2/L3/N-Power Supply>	CN3S	Connector <Connection for Option>
TH3	Thermistor <Liquid>	E1, E2, E3	Connection Terminal <Ground>	CNDM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	CONV.B.	Converter Circuit Board	CN51	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	L1-A1/IN	Connection Terminal <L1-Power Supply>	SV1/CH	Connector <Connection for Option>
TH7	Thermistor <Ambient>	L1-A2/OU	Connection Terminal <L1-Power Supply>	SV3/SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	L2-A2/OU	Connection Terminal <L2-Power Supply>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	L3-A2/OU	Connection Terminal <L3-Power Supply>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A, LEV-B	Linear Expansion Valve	N-IN	Connection Terminal	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
21S4	Solenoid Valve (4-Way Valve)	CK-OU	Connection Terminal	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
ACL1,ACL2,ACL3,ACL4	Reactor	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
CK	Capacitor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	LED1, LED2	LED <Operation Inspection Indicators>
RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>	F1, F2	Fuse <T10AL250V>
CY1, CY2	Capacitor	SW5	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
P.B.	Power Circuit Board	SW6	Switch <Model Select>	X51, X52, X54	Relay
TB-U/V/W	Connection Terminal <U/V/W-Phase>	SW7	Switch <Function Switch>		
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>				



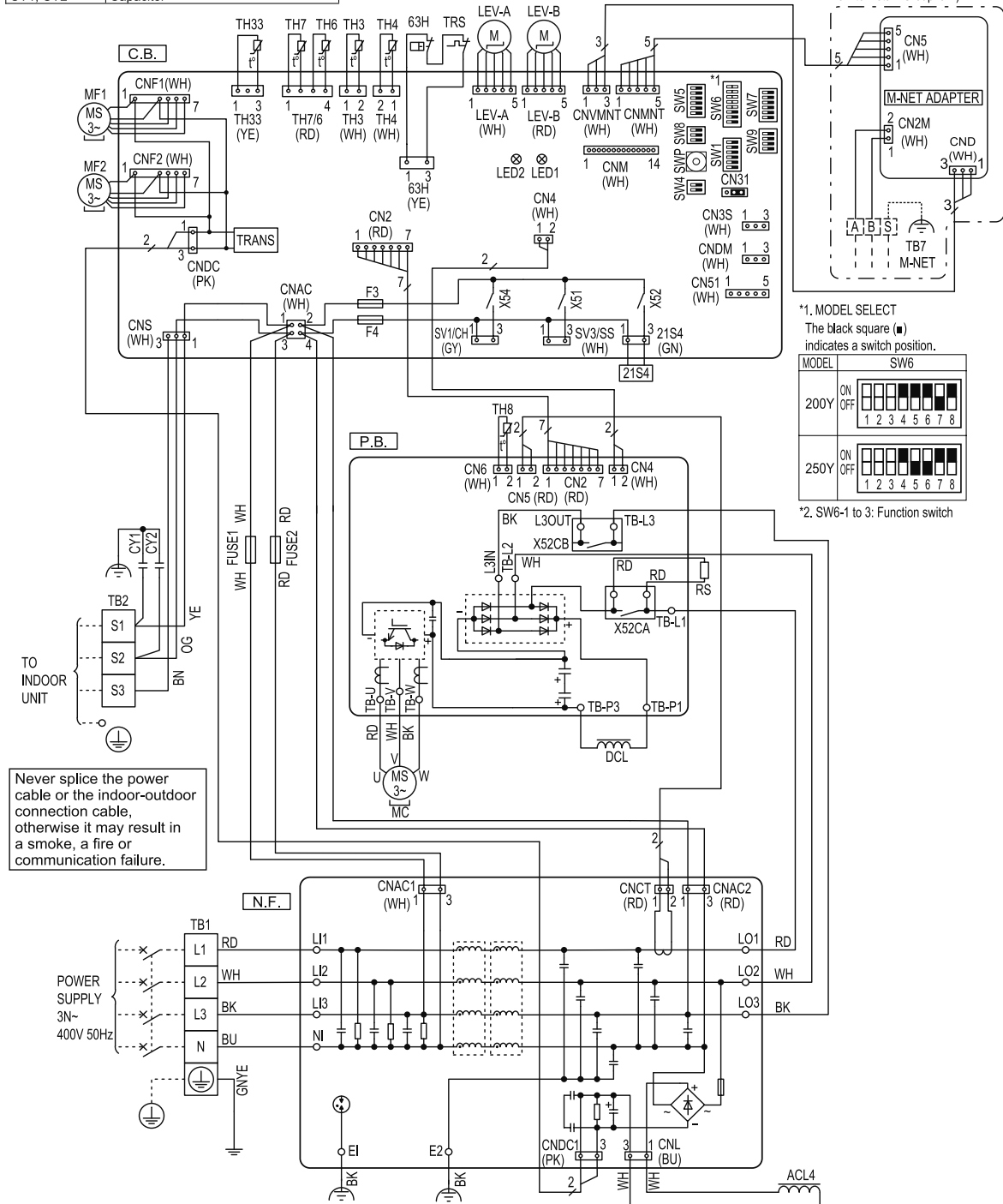
OUTDOOR UNIT WIRING DIAGRAM

PUZ-ZM200YKA2
PUZ-ZM250YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TRS	Thermal Protector	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	EI, E2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SW6	Switch <Model Select>	X51, X52, X54	Relay
ACL4	Reactor	SW7	Switch <Function Switch>		
DCL	Reactor	SW8	Switch <Function Switch>		
RS	Rush Current Protect Resistor				
FUSE1, FUSE2	Fuse <T15AL250V>				
CY1, CY2	Capacitor				

When M-NET adapter is connected (Refer to I.M. of M-net Adapter for how to install. Group is E)



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6
200Y	ON OFF 1 2 3 4 5 6 7 8
250Y	ON OFF 1 2 3 4 5 6 7 8

*2. SW6-1 to 3: Function switch

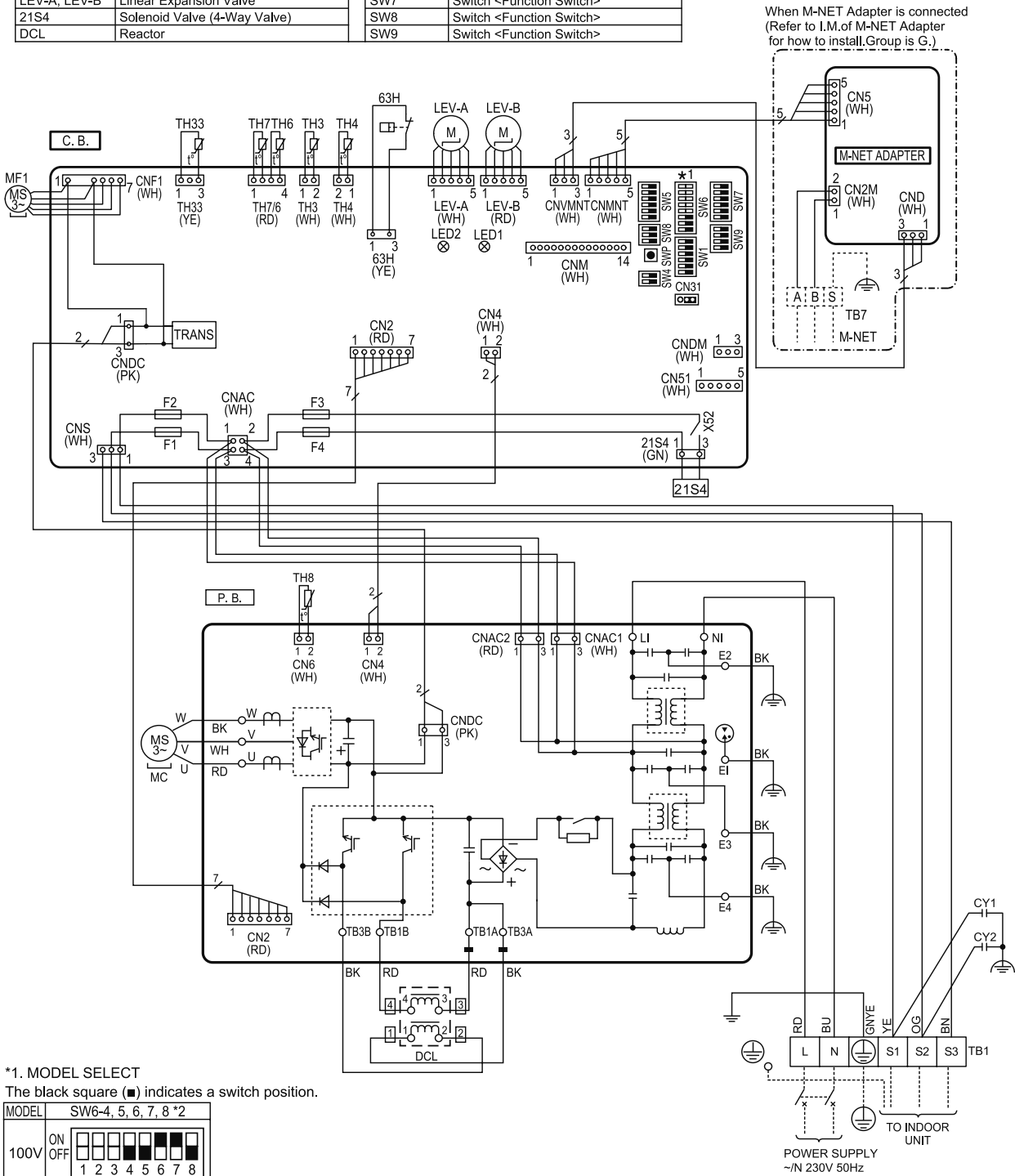
OUTDOOR UNIT WIRING DIAGRAM

2. PUZ-M•KA2

PUZ-M100VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	SWP	Switch <Pump Down>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>
MF1	Fan Motor	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2,	Fuse <T10AL250V>	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test operation>	CNVMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch>	X52	Relay
TH8	Thermistor <Heat Sink>	SW6	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW8	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW9	Switch <Function Switch>		
DCL	Reactor				



OUTDOOR UNIT WIRING DIAGRAM

*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2																														
100V	<table border="1"> <tr> <td>ON</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> </tr> <tr> <td>OFF</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> </tr> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td></td> </tr> </table>	ON	■	■	■	■	■	■	■	■	■	OFF	□	□	□	□	□	□	□	□	□		1	2	3	4	5	6	7	8	
ON	■	■	■	■	■	■	■	■	■																						
OFF	□	□	□	□	□	□	□	□	□																						
	1	2	3	4	5	6	7	8																							

*2. SW6-1 to 3: Function switch

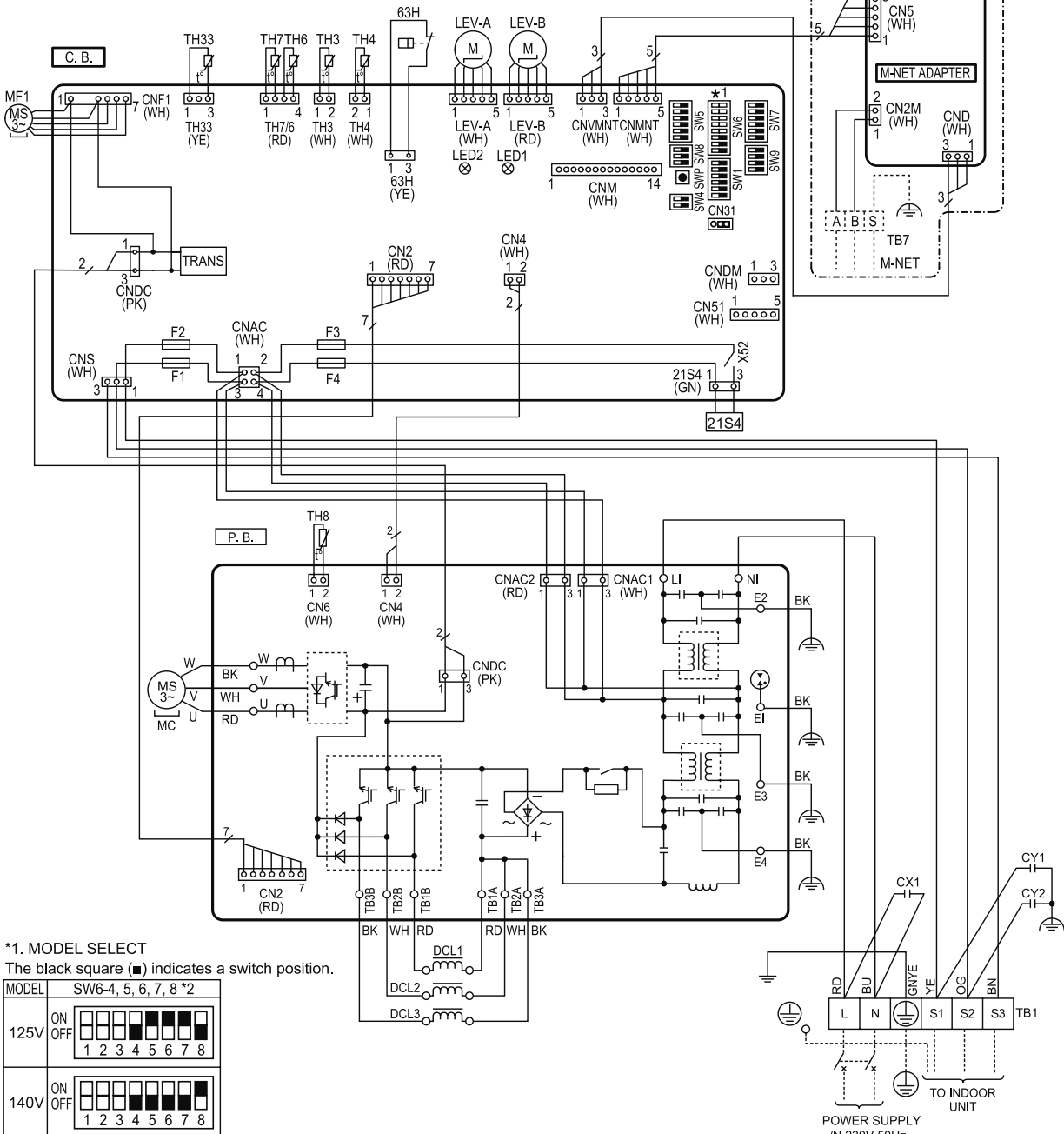
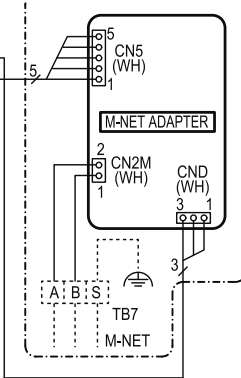
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M125VKA2
PUZ-M140VKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	CY1, CY2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	C.B.	Controller Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	F1, F2	Fuse <T10AL250V>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F3, F4	Fuse <T6.3AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test operation>	CNMNT	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch>	X52	Relay
TH8	Thermistor <Heat Sink>	SW6	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B	Linear Expansion Valve	SW8	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW9	Switch <Function Switch>		
DCL1, DCL2, DCL3	Reactor	SWP	Switch <Pump Down>		
CX1	Capacitor				

When M-NET Adapter is connected (Refer to I.M.of M-NET Adapter for how to install.Group is G.)



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON OFF ■ ■ ■ ■ ■ ■ ■ ■
	1 2 3 4 5 6 7 8
140V	ON OFF ■ ■ ■ ■ ■ ■ ■ ■
	1 2 3 4 5 6 7 8

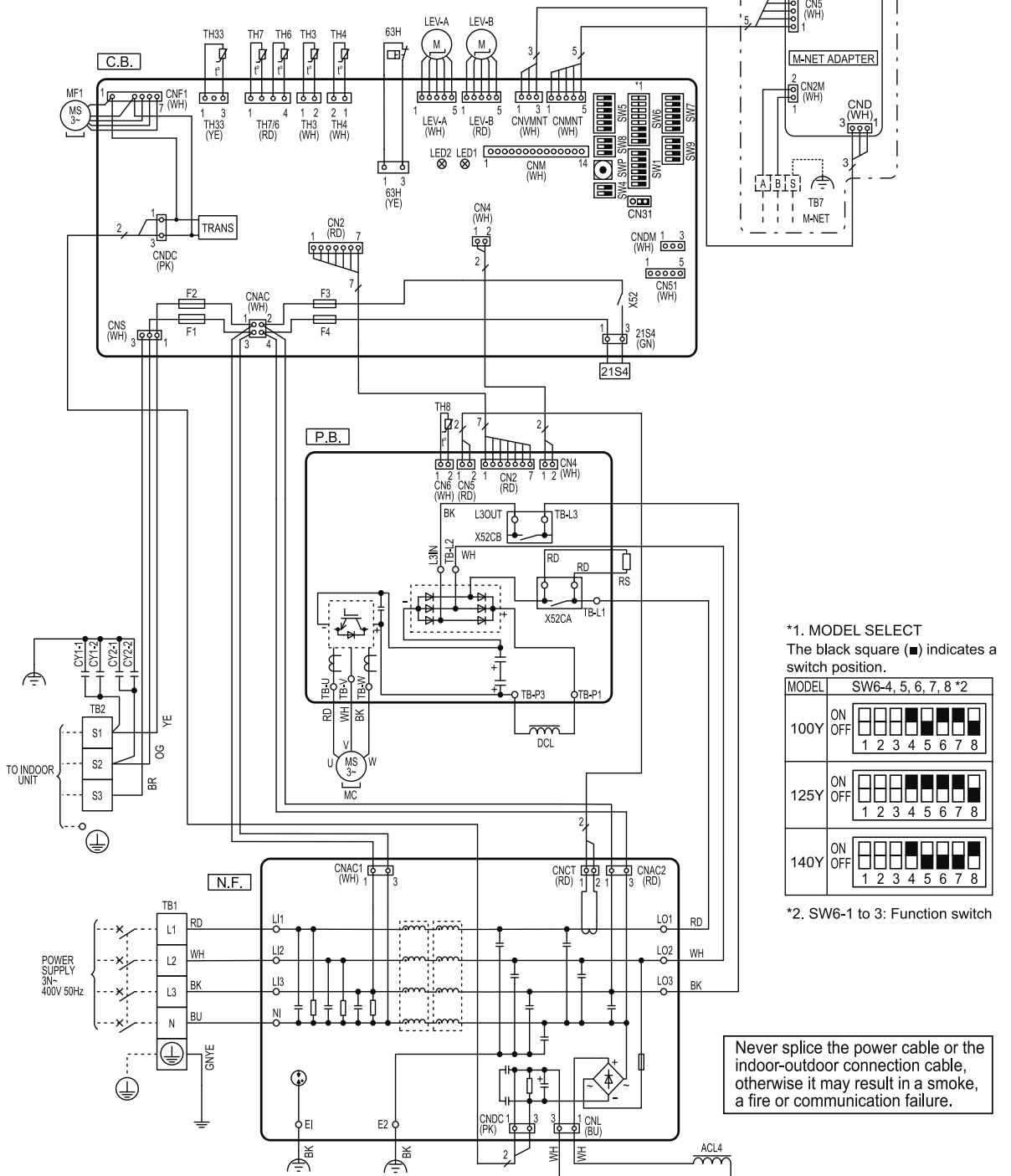
*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Resistor	SWP	Switch <Pump Down>
TB2	Terminal Block <Indoor/Outdoor>	CY1-1, CY1-2, CY2-1, CY2-2	Capacitor	CN31	Connector <Emergency Operation>
MC	Motor for Compressor	P.B.	Power Circuit Board	CN51	Connector <Connection for Option>
MF1	Fan Motor	N.F.	Noise Filter Circuit Board	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	C.B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	F1, F2	Fuse <T10AL250V>	CNMNT	Connector <Connection for Option>
TH4	Thermistor <Discharge>	F3, F4	Fuse <T6,3AL250V>	CNMVNT	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	X52	Relay
TH7	Thermistor <Ambient>	SW4	Switch <Test operation>		
TH8	Thermistor <Heat Sink>	SW5	Switch <Function Switch>		
TH33	Thermistor <Comp. Surface>	SW6	Switch <Model Select>		
LEV-A, LEV-B	Linear Expansion Valve	SW7	Switch <Function Switch>		
21S4	Solenoid Valve (4-Way Valve)	SW8	Switch <Function Switch>		
ACL4	Reactor	SW9	Switch <Function Switch>		
DCL	Reactor				



When M-NET Adapter is connected (Refer to I.M.of M-NET Adapter for how to install, Group is G.)

- *1. MODEL SELECT**
 The black square (■) indicates a switch position.
- | MODEL | SW6-4, 5, 6, 7, 8 *2 |
|-------|---|
| 100Y | ON OFF ■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8 |
| 125Y | ON OFF ■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8 |
| 140Y | ON OFF ■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8 |
- *2. SW6-1 to 3: Function switch**

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

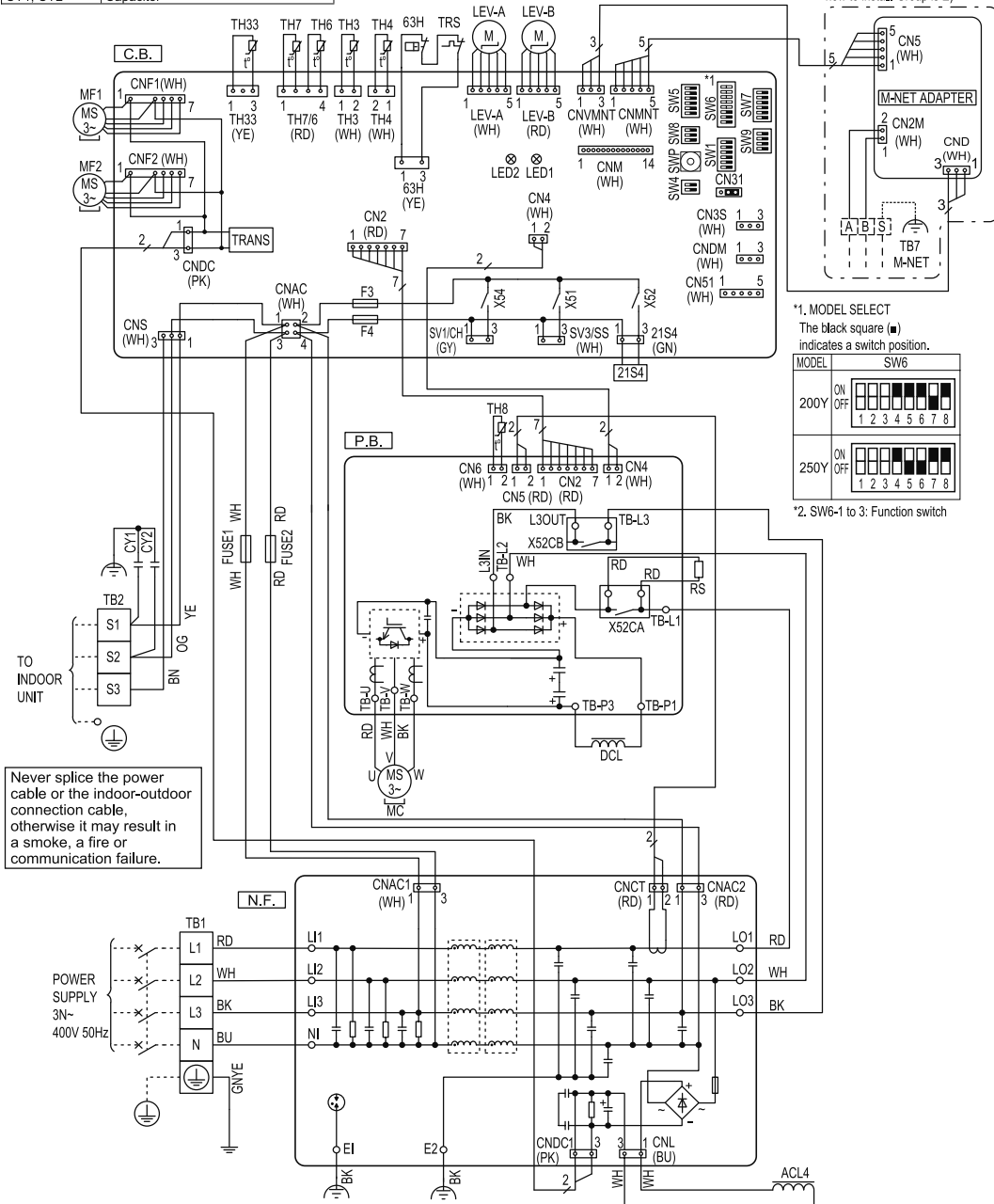
OUTDOOR UNIT WIRING DIAGRAM

PUZ-M200YKA2
PUZ-M250YKA2

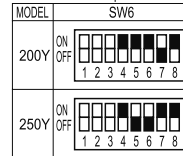
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SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <L1/U/V-W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (4-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TRS	Thermal Protector	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LO1/L02/L03	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	E1, E2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	F3, F4	Fuse <T6.3AL250V>
LEV-A, LEV-B	Linear Expansion Valve	SW6	Switch <Model Select>	X51, X52, X54	Relay
ACL4	Reactor	SW7	Switch <Function Switch>		
DCL	Reactor	SW8	Switch <Function Switch>		
RS	Rush Current Protect Resistor				
FUSE1, FUSE2	Fuse <T15AL250V>				
CY1, CY2	Capacitor				

When M-NET adapter is connected (Refer to I.M. of M-net Adapter for how to install. Group is E)



*1. MODEL SELECT
The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

M-NET ADAPTER

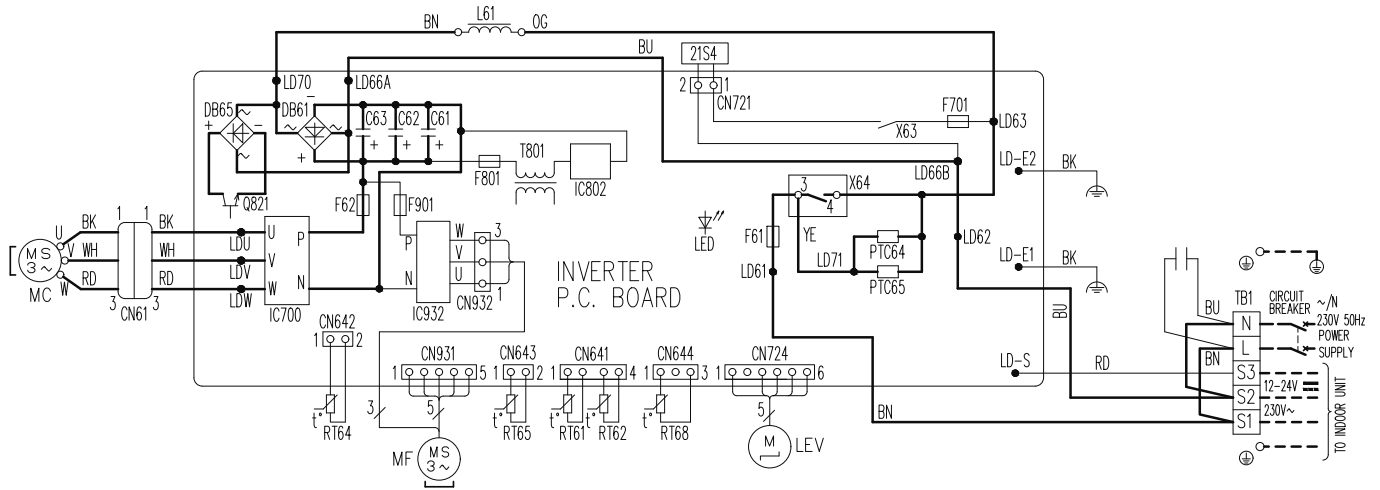
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SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

OUTDOOR UNIT WIRING DIAGRAM

3. SUZ-SM•VA

SUZ-SM35VA

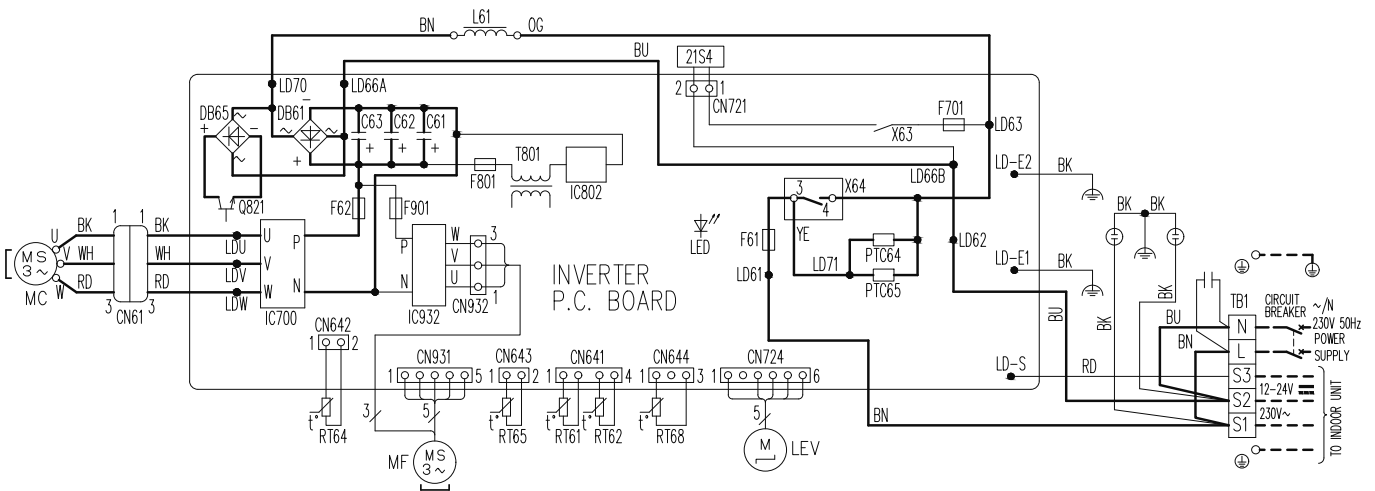


SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61, DB65	DIODE MODULE	MC	COMPRESSOR	TB1	TERMINAL BLOCK
F61	FUSE (25A 250V)	MF	FAN MOTOR	T801	TRANSFORMER
F62	FUSE (15A 250V)	PTC64, PTC65	CIRCUIT PROTECTION	X63, X64	RELAY
F701, F801, F901	FUSE (13,15A/250V)	Q821	SWITCHING POWER TRANSISTOR	21S4	REVERSING VALVE COIL
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR		
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

NOTES:
 1.About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 2.Use copper supply wires.
 3.Symbols indicate, : Terminal block
 : Connector

OUTDOOR UNIT WIRING DIAGRAM

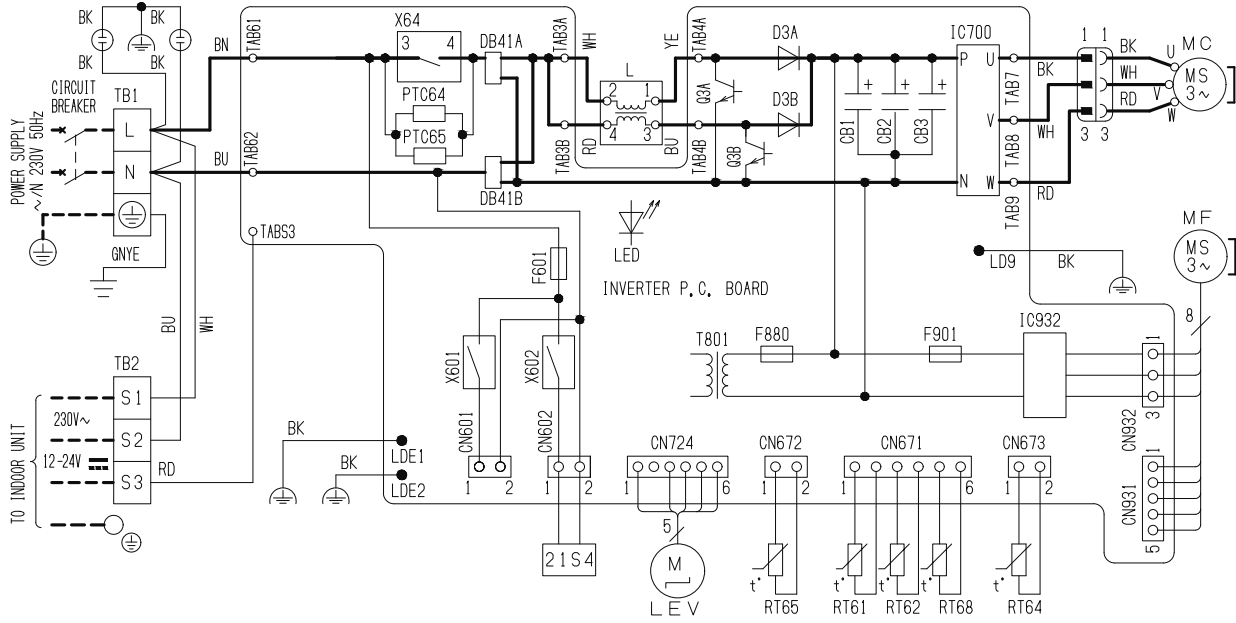
SUZ-SM50VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CN61	CONNECTOR	LEV	EXPANSION VALVE COIL	RT65	AMBIENT TEMP. THERMISTOR
C61, C62, C63	SMOOTHING CAPACITOR	L61	REACTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR
DB61, DB65	DIODE MODULE	MC	COMPRESSOR	TB1	TERMINAL BLOCK
F61	FUSE (25A 250V)	MF	FAN MOTOR	T801	TRANSFORMER
F62	FUSE (15A 250V)	PTC64, PTC65	CIRCUIT PROTECTION	X63, X64	RELAY
F701, F801, F901	FUSE (13,15A/250V)	Q821	SWITCHING POWER TRANSISTOR	21S4	REVERSING VALVE COIL
IC700, IC932	POWER MODULE	RT61	DEFROST THERMISTOR		
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR		
LED	LED	RT64	FIN TEMP. THERMISTOR		

NOTES:
 1.About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 2.Use copper supply wires.
 3.Symbols indicate, : Terminal block
 : Connector

SUZ-SM60VA

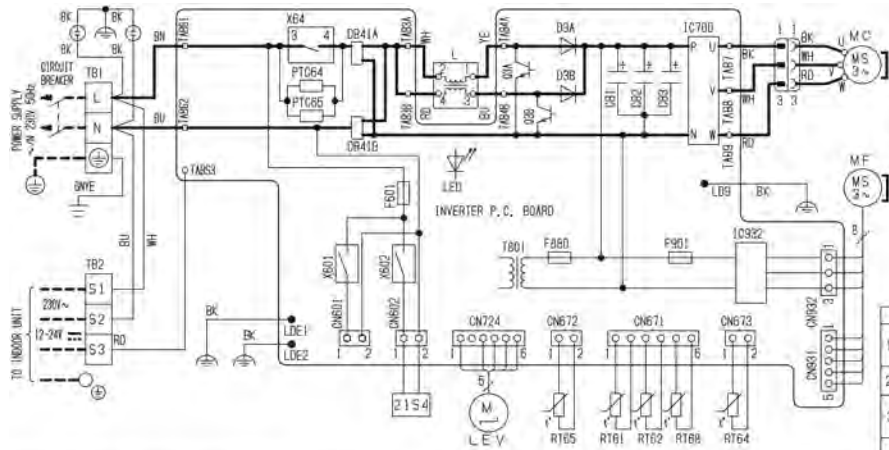


SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1, CB2, CB3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
DB41A, DB41B	DIODE MODULE	LED	LED	RT62	DISCHARGE TEMP. THERMISTOR	X64	RELAY
D3A, D3B	DIODE	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP. THERMISTOR	X601, X602	RELAY
F601	FUSE (T3, 15A/250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F880	FUSE (T3, 15A/250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (T3, 15A/250V)	PTC64, PTC65	CIRCUIT PROTECTION				
IC700, IC932	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
 2. Use copper supply wires, 3. Symbols indicate, □ □ □ : Terminal block ⊗ ⊙ ⊙ : Connector

OUTDOOR UNIT WIRING DIAGRAM

SUZ-SM71VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
DB1, DB2, DB3	SMOOTHING CAPACITOR	L	REACTOR	RTB1	DEFROST THERMISTOR	T801	TRANSFORMER
DB41A, DB41B	DIODE MODULE	LED1	LED	RTB2	DISCHARGE TEMP. THERMISTOR	X84	RELAY
D3A, D3B	DIODE	LEV	EXPANSION VALVE COIL	RTB4	FIN TEMP. THERMISTOR	X801, X802	RELAY
F601	FUSE (13, 15A/250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
F80	FUSE (13, 15A/250V)	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR		
F901	FUSE (13, 15A/250V)	PTD84, PTD85	CIRCUIT PROTECTION				
IC700, IC832	POWER MODULE	Q3A, Q3B	SWITCHING POWER TRANSISTOR	TB1, TB2	TERMINAL BLOCK		

NOTES 1. About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2. Use copper supply wires.

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between P (+) and N (-) terminals of IC700 when measured with a tester ten minutes after the power has been turned off.
Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted. Its sometimes charging part (not only the electrolytic capacitor), resulting in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P (+) and N (-) terminals of IC700 with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

Item	Symptom	Check point	
1	Power supply	There is no 230V AC power between terminals (L) and (N).	Check the power supply cable.
2	Fuse	The fuse has blown.	Replace the INVERTER P.C. BOARD.
3	Power for main circuit	There is no 325V DC power between wire P (+) and N (-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
4	Inverter output	AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the INVERTER P.C. BOARD.
5	LED display while compressor is not in operation.	LED Flashing Beep out	Normal Abnormality or stop due to protective function (refer to "Troubleshooting When LED Blinks" shown below.) Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

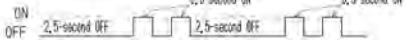
* For details, refer to the appropriate service manual.

Troubleshooting When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lit, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor (including poor contact or disconnection of its connector)
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1. Check outdoor INVERTER P.C. BOARD 2. Reconnect compressor connector 3. Check compressor 4. Check stop valve
3 times	Protection for overheat of discharge temperature	1. Charge refrigerant 2. Check expansion valve
4 times	Protection for overheat of fin temperature/INVERTER P.C. BOARD temperature	1. Check air circulation in outdoor unit (short cycle) 2. Check outdoor fan motor 3. Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1. Check refrigerant circuit (clogging etc.) 2. Check stop valve
6 times	Abnormality of serial signal	Check INDOOR ELECTRONIC CONTROL P.C. BOARD and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronization	1. Reconnect compressor connector 2. Check compressor 3. Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1. Reconnect connectors for fan motor 2. Check outdoor INVERTER P.C. BOARD 3. Check outdoor fan motor
11 times	Protection for stop valve (closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
15 times	Abnormality of reversing valve	1. Check reversing valve 2. Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	1. Refer to SERVICE MANUAL

The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
[Example] Blinking frequency is "twice".



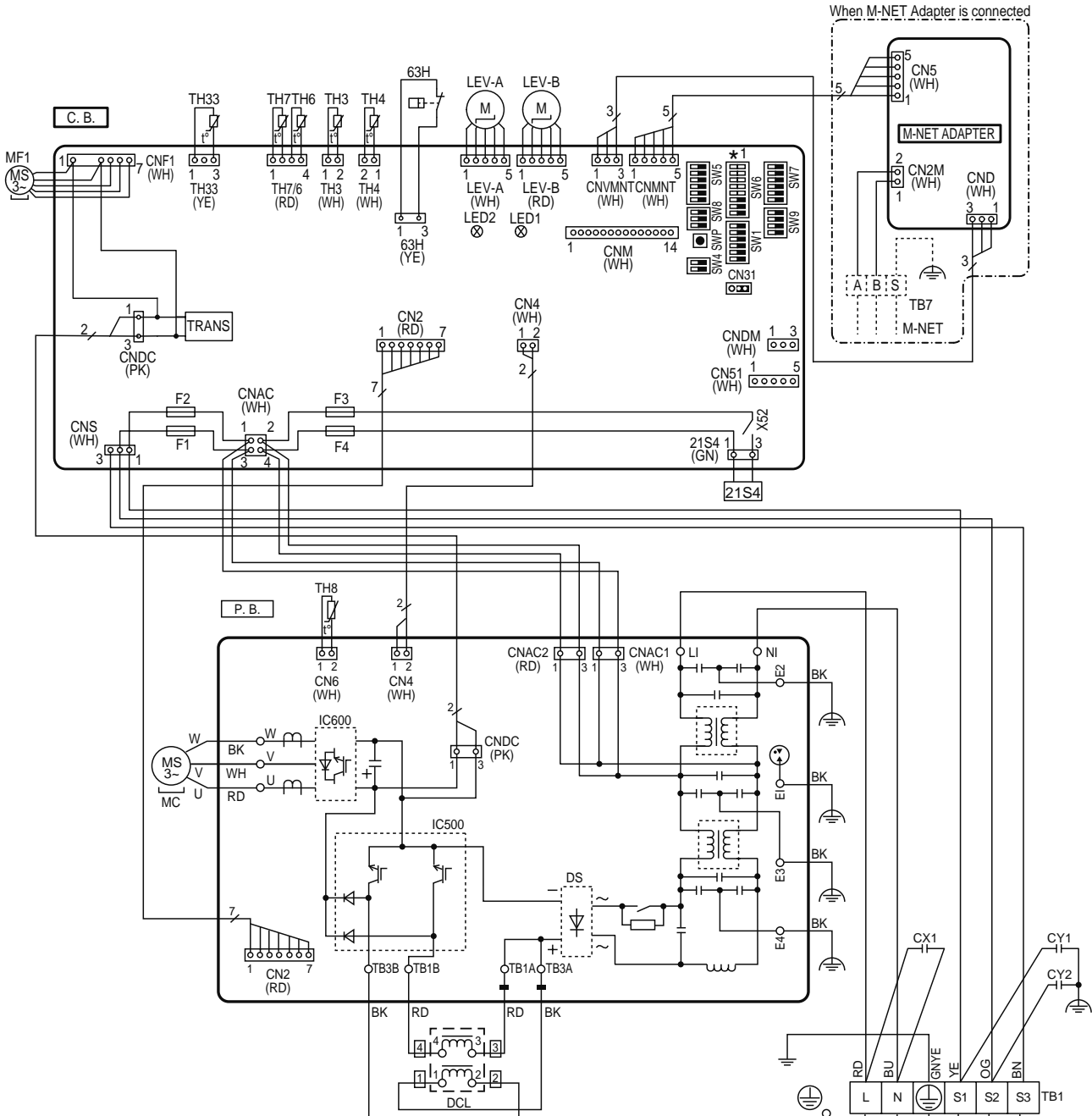
OUTDOOR UNIT WIRING DIAGRAM

4. PUZ-SM•KA

PUZ-SM100VKA

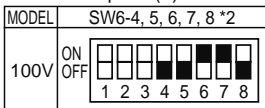
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	LEV-A, LEV-B	Linear Expansion Valve	SW5	Switch <Function Switch>
MC	Motor for Compressor	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MF1	Fan Motor	DCL	Reactor	SW7	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
TH3	Thermistor <Liquid>	CX1	Capacitor	SW9	Switch <Function Switch>
TH4	Thermistor <Discharge>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	CNM	Connector <Connection for Option>
				X52	Relay

OUTDOOR UNIT WIRING DIAGRAM



*1. MODEL SELECT

The black square (■) indicates a switch position.



*2. SW6-1 to 3: Function switch

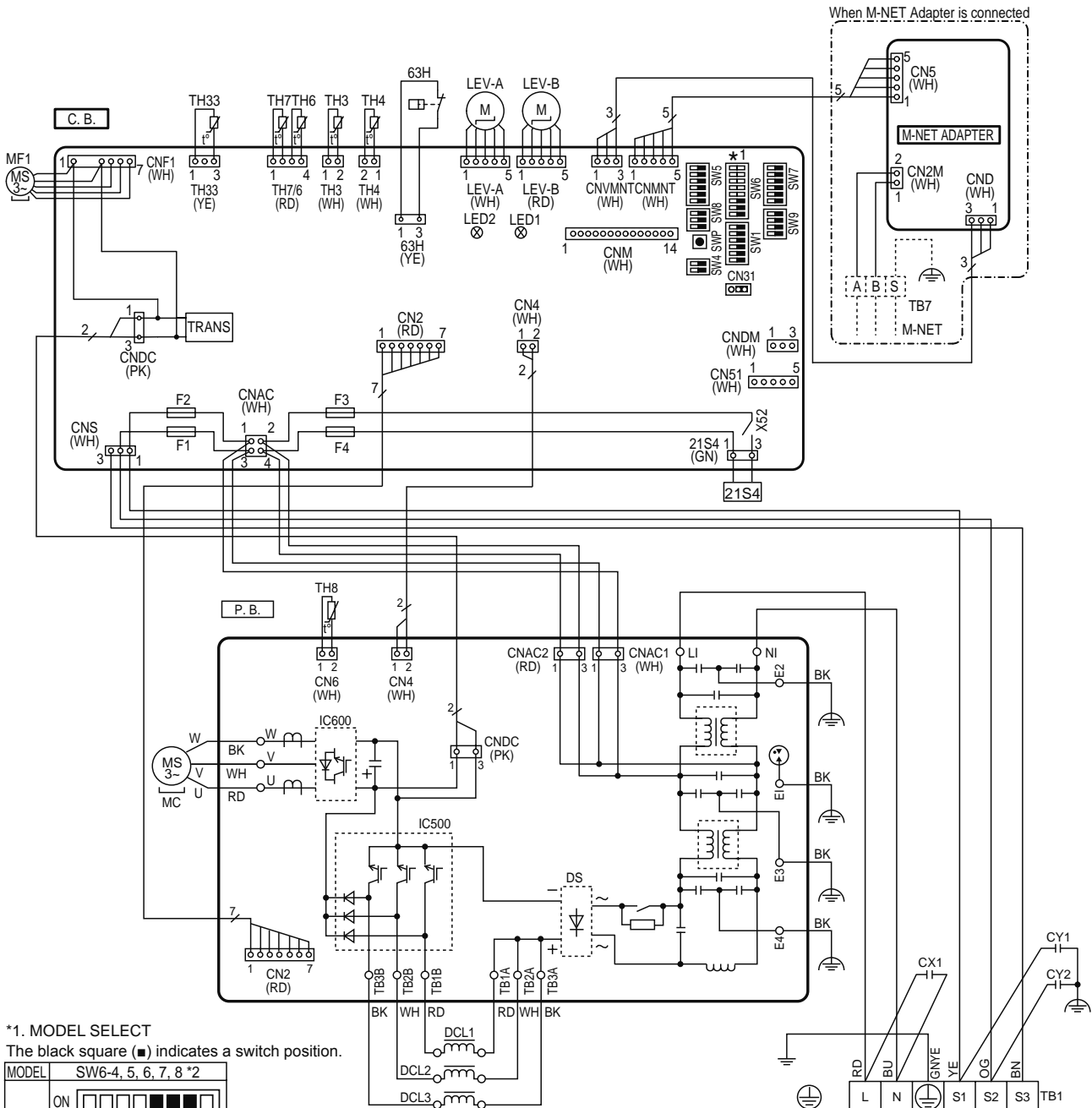
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUZ-SM125VKA
PUZ-SM140VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL1, DCL2, DCL3	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CX1	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON OFF [1] [2] [3] [4] [5] [6] [7] [8]
140V	ON OFF [1] [2] [3] [4] [5] [6] [7] [8]

*2. SW6-1 to 3: Function switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

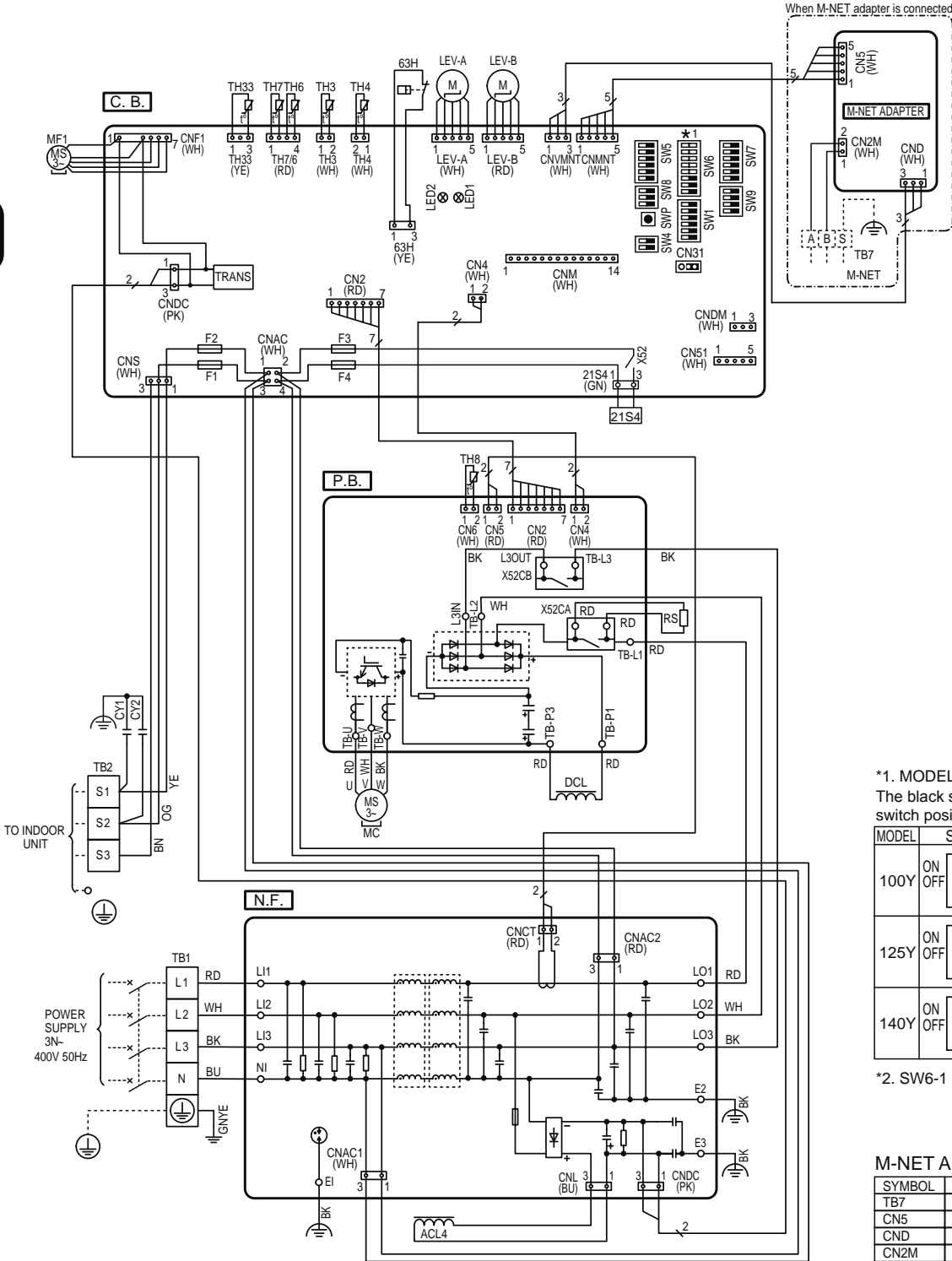
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

PUZ-SM100YKA
PUZ-SM125YKA
PUZ-SM140YKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	21S4	Solenoid Valve (4-Way Valve)	SW5	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	ACL4	Reactor	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	RS	Resistor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

OUTDOOR UNIT WIRING DIAGRAM



*1. MODEL SELECT
 The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON OFF [Switch diagram with black squares at positions 1, 2, 3, 4, 5, 6, 7, 8]
125Y	ON OFF [Switch diagram with black squares at positions 1, 2, 3, 4, 5, 6, 7, 8]
140Y	ON OFF [Switch diagram with black squares at positions 1, 2, 3, 4, 5, 6, 7, 8]

*2. SW6-1 to 3: Function switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

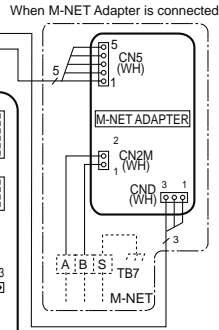
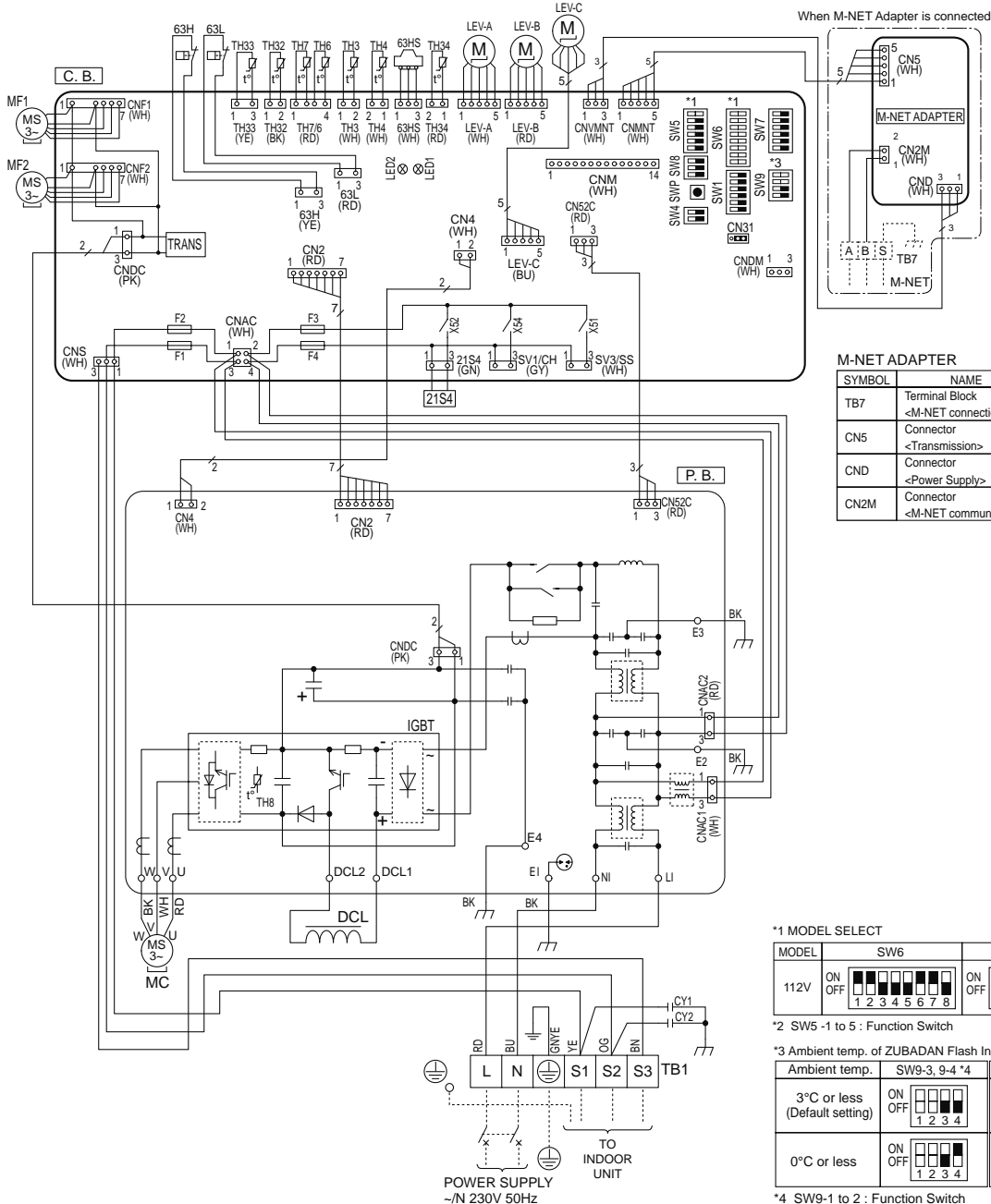
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

A.8.2.2 R410A type

1. PUHZ-SHW•HA PUHZ-SHW•KA

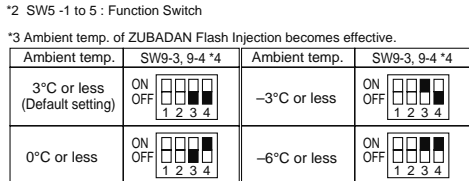
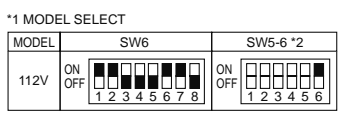
PUHZ-SHW112VHA(-BS)

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	TH32	Thermistor <Suction>	SW7	Switch <Function Switch>
MC	Motor for Compressor	TH33	Thermistor <Ref. check>	SW8	Switch <Function Switch>
MF1, MF2	Fan Motor	TH34	Thermistor <Comp. Surface>	SW9	Switch <Function Switch>
21S4	Solenoid Valve (4-Way Valve)	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SWP	Switch <Pump Down>
63H	High Pressure Switch	DCL	Reactor	CN31	Connector <Emergency Operation>
63L	Low Pressure Switch	CY1, CY2	Capacitor	CNDM	Connector <Connection for Option>
63HS	High Pressure Sensor	P. B.	Power Circuit Board	SV1/CH	Connector <Connection for Option>
TH3	Thermistor <Liquid>	C. B.	Controller Circuit Board	SV3/SS	Connector <Connection for Option>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test Operation>	F1, F2, F3, F4	Fuse <T6.3AL250V>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch, Model Select>		
TH8	Thermistor internal <Heat Sink>	SW6	Switch <Model Select>		



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>



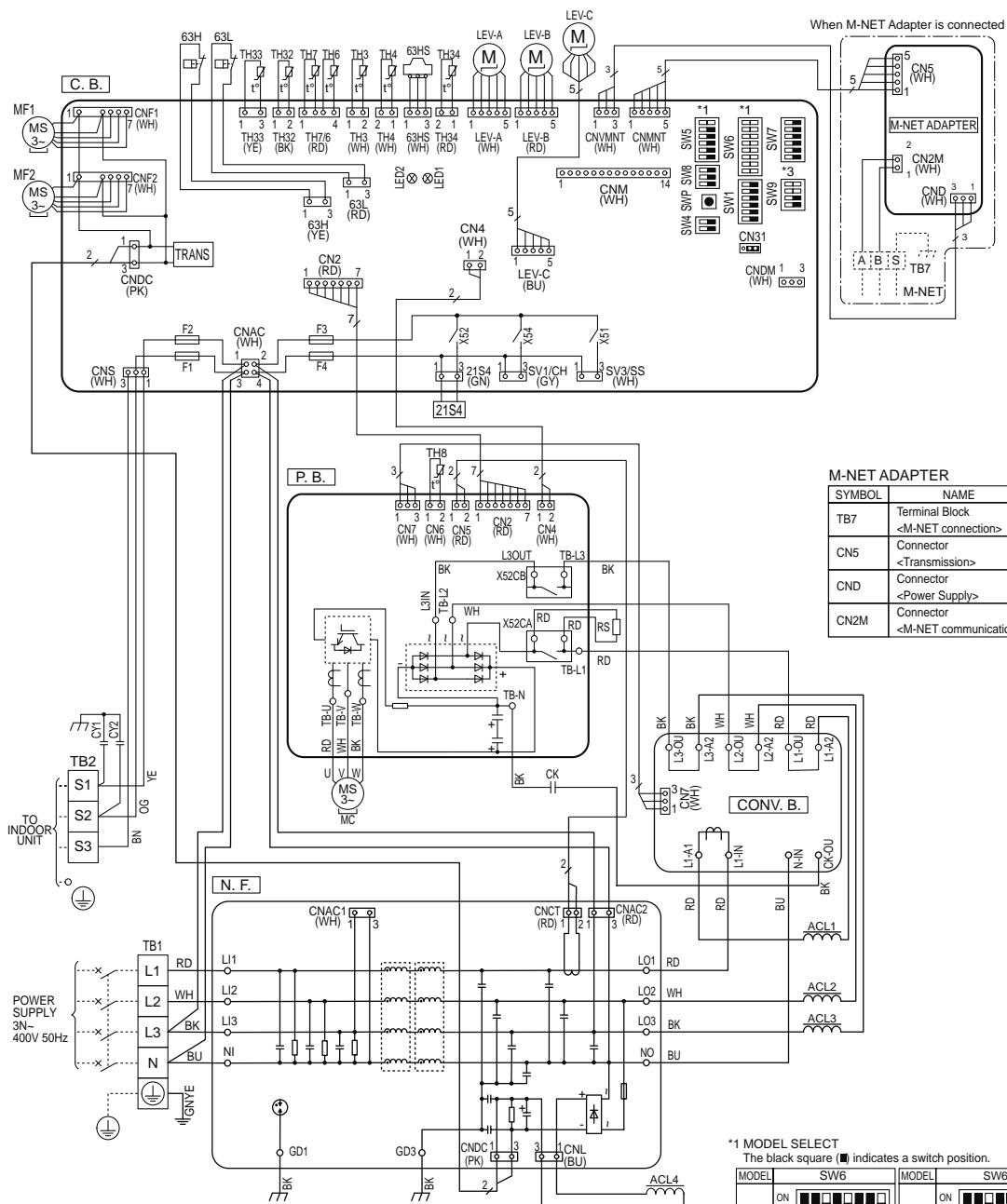
*4 SW9-1 to 2 : Function Switch
The black square (■) indicates a switch position.

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)

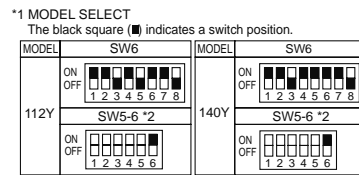
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TH33	Thermistor <Ref. check>	SW5	Switch <Function Switch, Model Select>
TB2	Terminal Block <Indoor/Outdoor>	TH34	Thermistor <Comp. Surface>	SW6	Switch <Model Select>
MC	Motor for Compressor	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW7	Switch <Function Switch>
MF1, MF2	Fan Motor	ACL1, ACL2, ACL3, ACL4	Reactor	SW8	Switch <Function Switch>
21S4	Solenoid Valve (4-Way Valve)	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
63H	High Pressure Switch	CK	Capacitor	SWP	Switch <Pump Down>
63L	Low Pressure Switch	RS	Rush Current Protect Resistor	CN31	Connector <Emergency Operation>
63HS	High Pressure Sensor	P. B.	Power Circuit Board	CNDM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	N. F.	Noise Filter Circuit Board	SV1/CH	Connector <Connection for Option>
TH4	Thermistor <Discharge>	CONV. B.	Converter Circuit Board	SV3/SS	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	C. B.	Controller Circuit Board	CNM	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse <T6.3AL250V>
TH8	Thermistor <Heat Sink>	SW4	Switch <Test Operation>		
TH32	Thermistor <Suction>				

OUTDOOR UNIT WIRING DIAGRAM



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>



*3 Ambient temp. of ZUBADAN Flash Injection becomes effective. The black square (■) indicates a switch position.

Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4	Ambient temp.	SW9-3, 9-4 *4
3°C or less (Default setting)	ON OFF 	0°C or less	ON OFF 	-3°C or less	ON OFF 	-6°C or less	ON OFF

*4 SW9-1 to 2 : Function Switch

PUHZ-SHW230YKA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply)	TH34	Thermistor (Comp. Surface)	SW5	Switch (Function Switch, Model Select)
TB2	Terminal Block (Indoor/Outdoor)	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW6	Switch (Model Select)
MC	Motor for Compressor	ACL4	Reactor	SW7	Switch (Function Switch)
MF1, MF2	Fan Motor	DCL	Reactor	SW8	Switch (Function Switch)
21S4	Solenoid Valve (4-Way Valve)	RS	Rush Current Protect Resistor	SW9	Switch (Function Switch)
63H	High Pressure Switch	FUSE1, FUSE2	Fuse (T15AL250V)	SWP	Switch (Pump Down)
63L	Low Pressure Switch	CY1, CY2	Capacitor	CN31	Connector (Emergency Operation)
63HS	High Pressure Sensor	P. B.	Power Circuit Board	F3, F4	Fuse (T6.3AL250V)
TH3	Thermistor (Liquid)	N. F.	Noise Filter Circuit Board	SV1/CH	Connector (Connection for Option)
TH4	Thermistor (Discharge)	F1	Fuse (T6.3AL250V)	SV3/SS	Connector (Connection for Option)
TH6	Thermistor (2-Phase Pipe)	C. B.	Controller Circuit Board	CNM	Connector (Connection for Option)
TH7	Thermistor (Ambient)	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)	CNMNT	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	SW4	Switch (Function Switch)	CNMNT	Connector (Connection for Option)
TH32	Thermistor (Suction)			CNDM	Connector (Connection for Option)

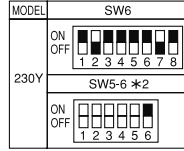
M-NET ADAPTER

[LEGEND]

SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CNM2	Connector (M-NET communication)

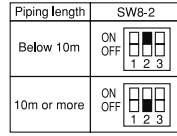
*1 MODEL SELECT

The black square (■) indicates a switch position.



*3 Piping length select

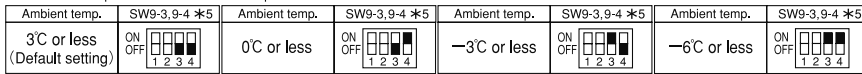
The black square (■) indicates a switch position.



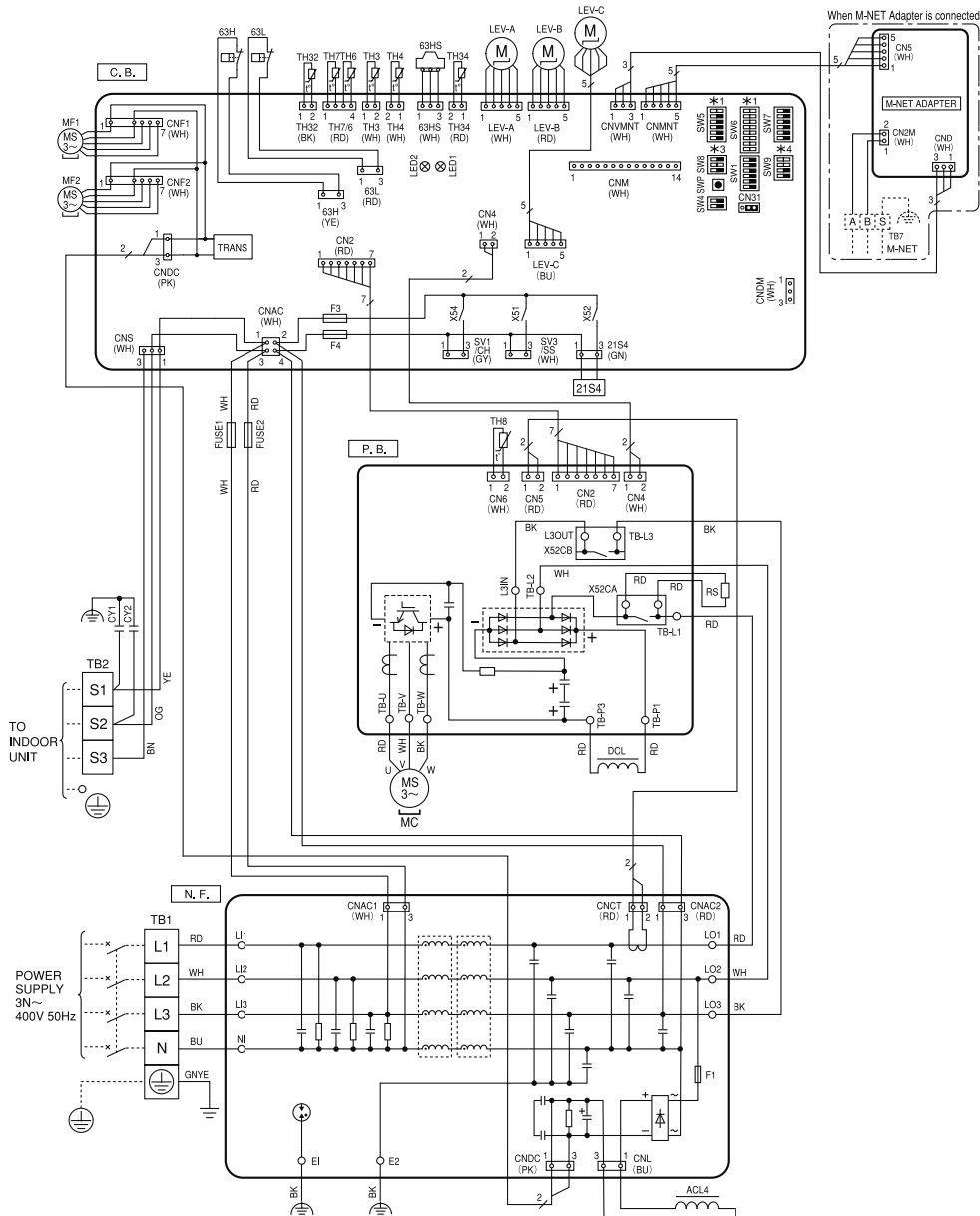
*2 SW5 -1 to 5 : Function Switch.

*4 Ambient temp. of ZUBADAN Flash Injection becomes effective.

The black square (■) indicates a switch position.



*5 SW9-1 to 2 : Function Switch



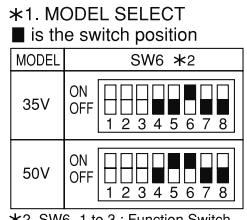
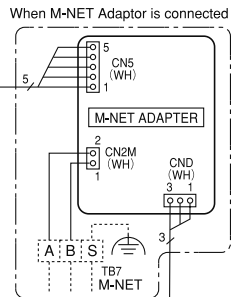
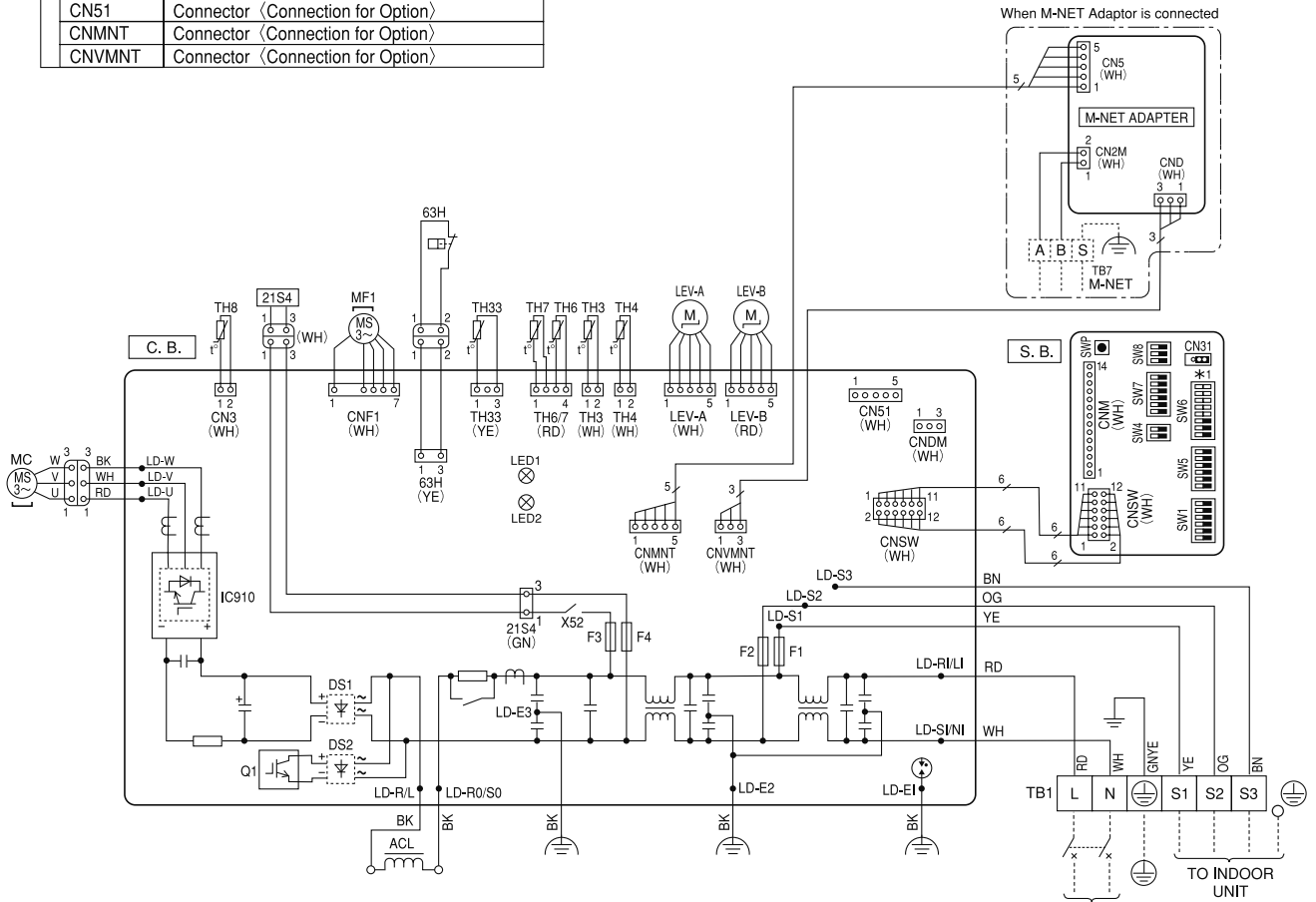
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

2. PUAZ-ZRP•HA2, KA2(3)

PUAZ-ZRP35VKA2
PUAZ-ZRP50VKA2

SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	S. B.	Switch Board
MC	Motor for Compressor	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)
MF1	Fan Motor	SW4	Switch (Test Operation)
21S4	Solenoid Valve (4-Way Valve)	SW5	Switch (Function Switch)
63H	High Pressure Switch	SW6	Switch (Model Select)
TH3	Thermistor (Liquid)	SW7	Switch (Function Switch)
TH4	Thermistor (Discharge)	SW8	Switch (Function Switch)
TH6	Thermistor (2-Phase Pipe)	SWP	Switch (Pump Down)
TH7	Thermistor (Ambient)	CN31	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	CNM	Connector (Connection for Option)
TH33	Thermistor (Comp. Surface)		
LEV-A, LEV-B	Linear Expansion Valve		
ACL	Reactor		
C. B.	Controller Circuit Board		
F1, F2	Fuse (T10AL250V)		
F3, F4	Fuse (T3.15AL250V)		
CNDM	Connector (Connection for Option)		
CN51	Connector (Connection for Option)		
CNMNT	Connector (Connection for Option)		
CNVMNT	Connector (Connection for Option)		



*2. SW6 -1 to 3 : Function Switch

M-NET ADAPTER

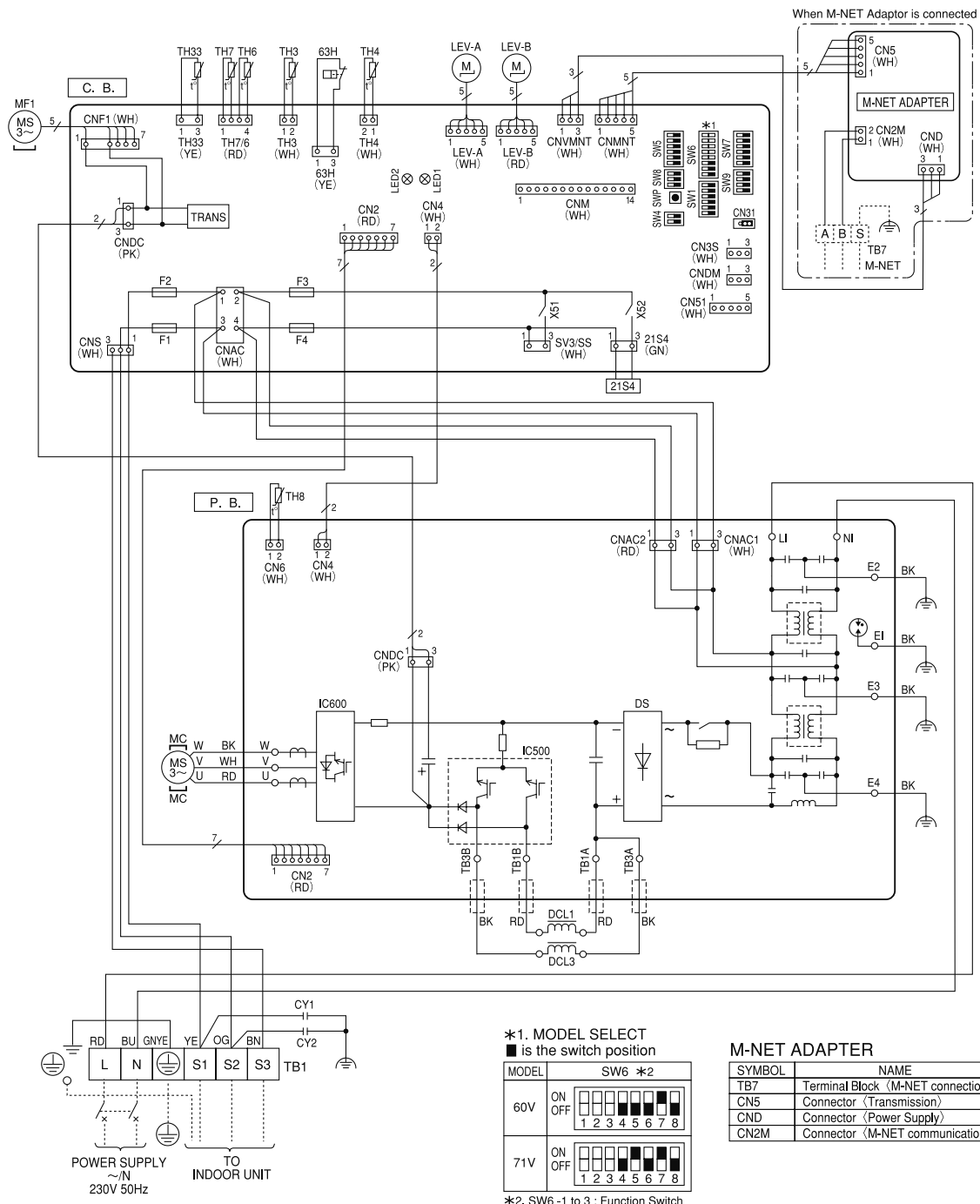
SYMBOL	NAME
TB7	Terminal Block (M-NET connection)
CN5	Connector (Transmission)
CND	Connector (Power Supply)
CN2M	Connector (M-NET communication)

POWER SUPPLY
~N 230V 50Hz

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	CY1, CY2	Capacitor	SW8	Switch (Function Switch)
MC	Motor for Compressor	DCL1, DCL3	Reactor	SW9	Switch (Function Switch)
MF1	Fan Motor	P.B.	Power Circuit Board	SWP	Switch (Pump Down)
21S4	Solenoid Valve (4-Way Valve)	C.B.	Controller Circuit Board	CN31	Connector (Connection for Option)
63H	High Pressure Switch	F1, F2	Fuse (T10AL250V)	CNDM	Connector (Connection for Option)
TH3	Thermistor (Liquid)	F3, F4	Fuse (T6.3AL250V)	CN51	Connector (Connection for Option)
TH4	Thermistor (Discharge)	SW1	Switch (Manual Defrost, Defect History, Record Reset, Refrigerant Address)	SV3/SS	Connector (Connection for Option)
TH6	Thermistor (2-Phase Pipe)	SW4	Switch (Test Operation)	CNM	Connector (Connection for Option)
TH7	Thermistor (Ambient)	SW5	Switch (Function Switch)	CN3S	Connector (Connection for Option)
TH8	Thermistor (Heat Sink)	SW6	Switch (Model Select)	LED1, LED2	LED
TH33	Thermistor (Comp. Surface)	SW7	Switch (Function Switch)	X51, X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

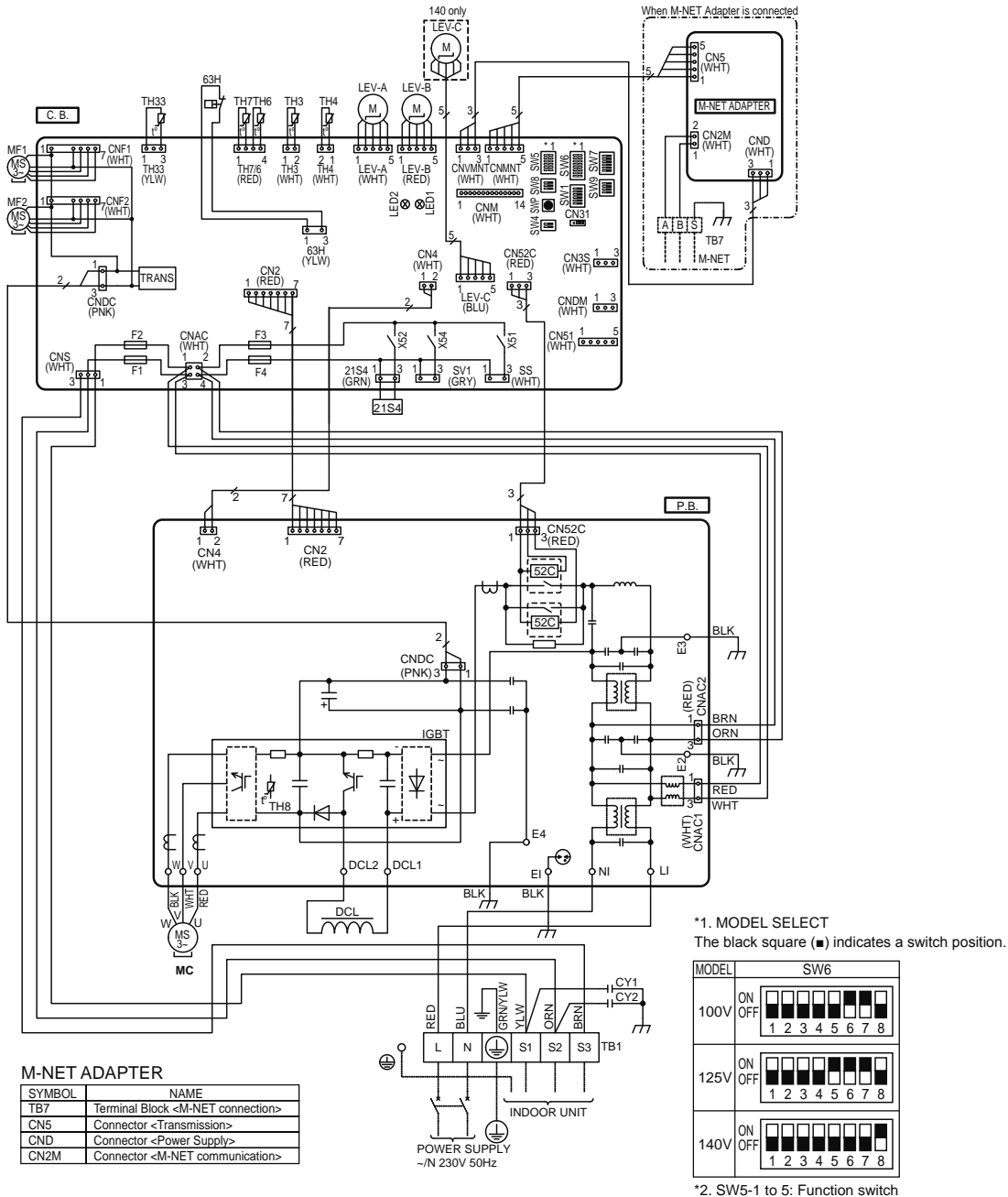


OUTDOOR UNIT
WIRING DIAGRAM

PUHZ-ZRP100VKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP140VKA3

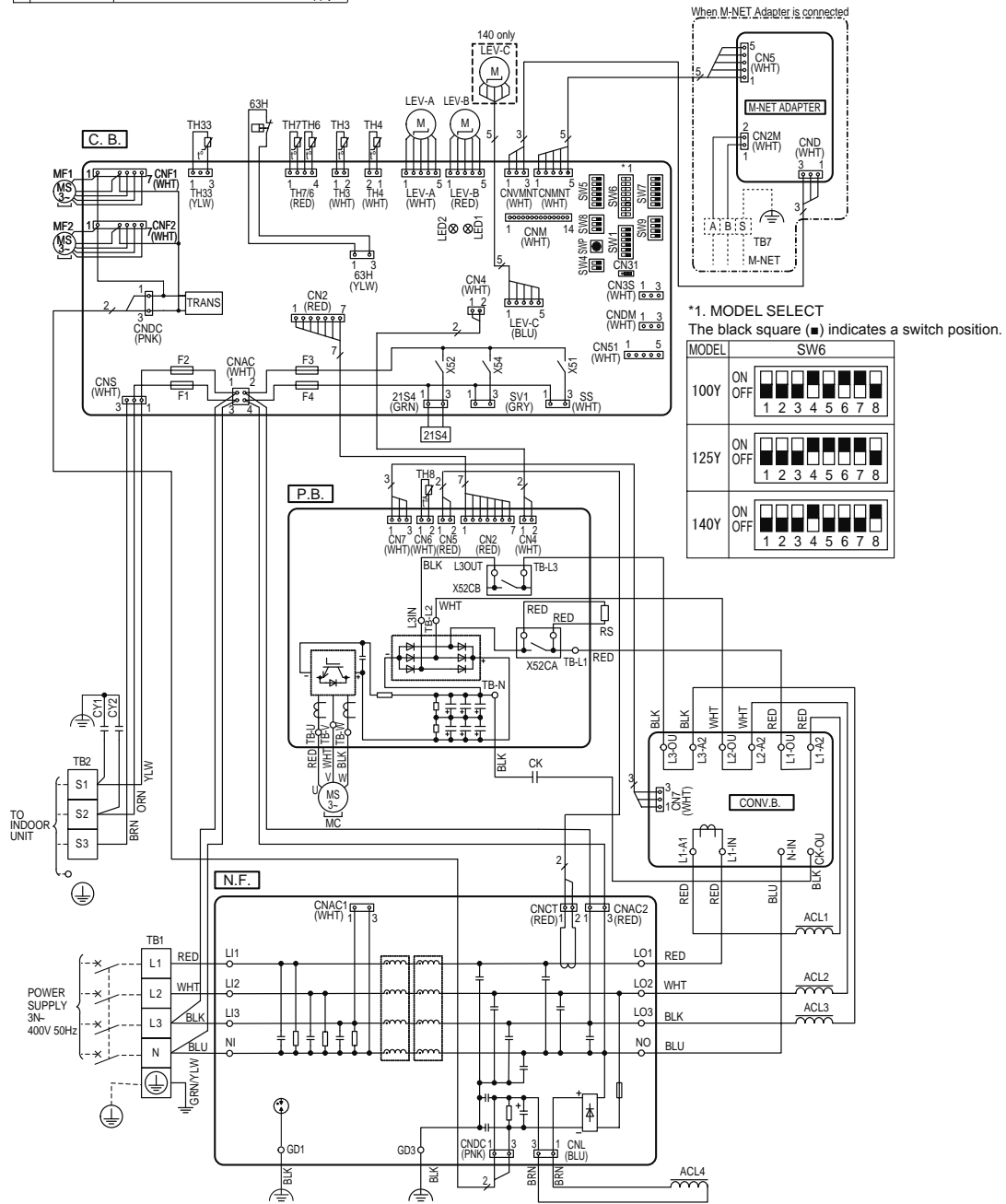
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	LI	Connection Terminal <L-Phase>	CNDM	Connector <Connection for Option>
MC	Motor for Compressor	NI	Connection Terminal <N-Phase>	CN51	Connector <Connection for Option>
MF1, MF2	Fan Motor	DCL1, DCL2	Connection Terminal <Reactor>	SV1	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	IGBT	Power Module	SS	Connector <Connection for Option>
63H	High Pressure Switch	E1, E2, E3, E4	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH3	Thermistor <Liquid>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH4	Thermistor <Discharge>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
TH6	Thermistor <2-Phase Pipe>	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
TH7	Thermistor <Ambient>	SW5	Switch <Function Switch, Model Select>	F1, F2, F3, F4	Fuse <T6.3AL250V>
TH8	Thermistor <Heat Sink>	SW6	Switch <Model Select>	X51, X52, X54	Relay
TH33	Thermistor <Comp. Surface>	SW7	Switch <Function Switch>		
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW8	Switch <Function Switch>		
DCL	Reactor	SW9	Switch <Function Switch>		
CY1, CY2	Capacitor	SWP	Switch <Pump Down>		
P.B.	Power Circuit Board	CN31	Connector <Emergency Operation>		
U/W/W	Connection Terminal <U/V/W-Phase>	CN3S	Connector <Connection for Option>		

OUTDOOR UNIT WIRING DIAGRAM



**PUHZ-ZRP100YKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140YKA3**

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TB-N	Connection Terminal	SW7	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	X52CA/B	52C Relay	SW8	Switch <Function Switch>
MC	Motor for Compressor	N.F.	Noise Filter Circuit Board	SW9	Switch <Function Switch>
MF1, MF2	Fan Motor	L1/L2/L3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SWP	Switch <Pump Down>
21S4	Solenoid Valve (Four-Way Valve)	LO1/LO2/LO3/NO	Connection Terminal <L1/L2/L3/N-Power Supply>	CN31	Connector <Emergency Operation>
63H	High Pressure Switch	GD1, GD3	Connection Terminal <Ground>	CN3S	Connector <Connection for Option>
TH3	Thermistor <Liquid>	CONV.B.	Converter Circuit Board	CNDM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	L1-A1/IN	Connection Terminal <L1-Power Supply>	CN51	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	L1-A2/OU	Connection Terminal <L1-Power Supply>	SV1	Connector <Connection for Option>
TH7	Thermistor <Ambient>	L2-A2/OU	Connection Terminal <L2-Power Supply>	SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	L3-A2/OU	Connection Terminal <L3-Power Supply>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	N-IN	Connection Terminal	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	CK-OU	Connection Terminal	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
ACL1, ACL2, ACL3, ACL4	Reactor	C.B.	Controller Circuit Board	LED1, LED2	LED <Operation Inspection Indicators>
CK	Capacitor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse <T6.3AL250V>
RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>	X51, X52, X54	Relay
CY1, CY2	Capacitor	SW5	Switch <Function Switch>		
P.B.	Power Circuit Board	SW6	Switch <Model Select>		
TB-U/W/W	Connection Terminal <U/W/W-Phase>				
TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>				



***1. MODEL SELECT**
The black square (■) indicates a switch position.

MODEL	SW6
100Y	ON OFF 1 2 3 4 5 6 7 8
125Y	ON OFF 1 2 3 4 5 6 7 8
140Y	ON OFF 1 2 3 4 5 6 7 8

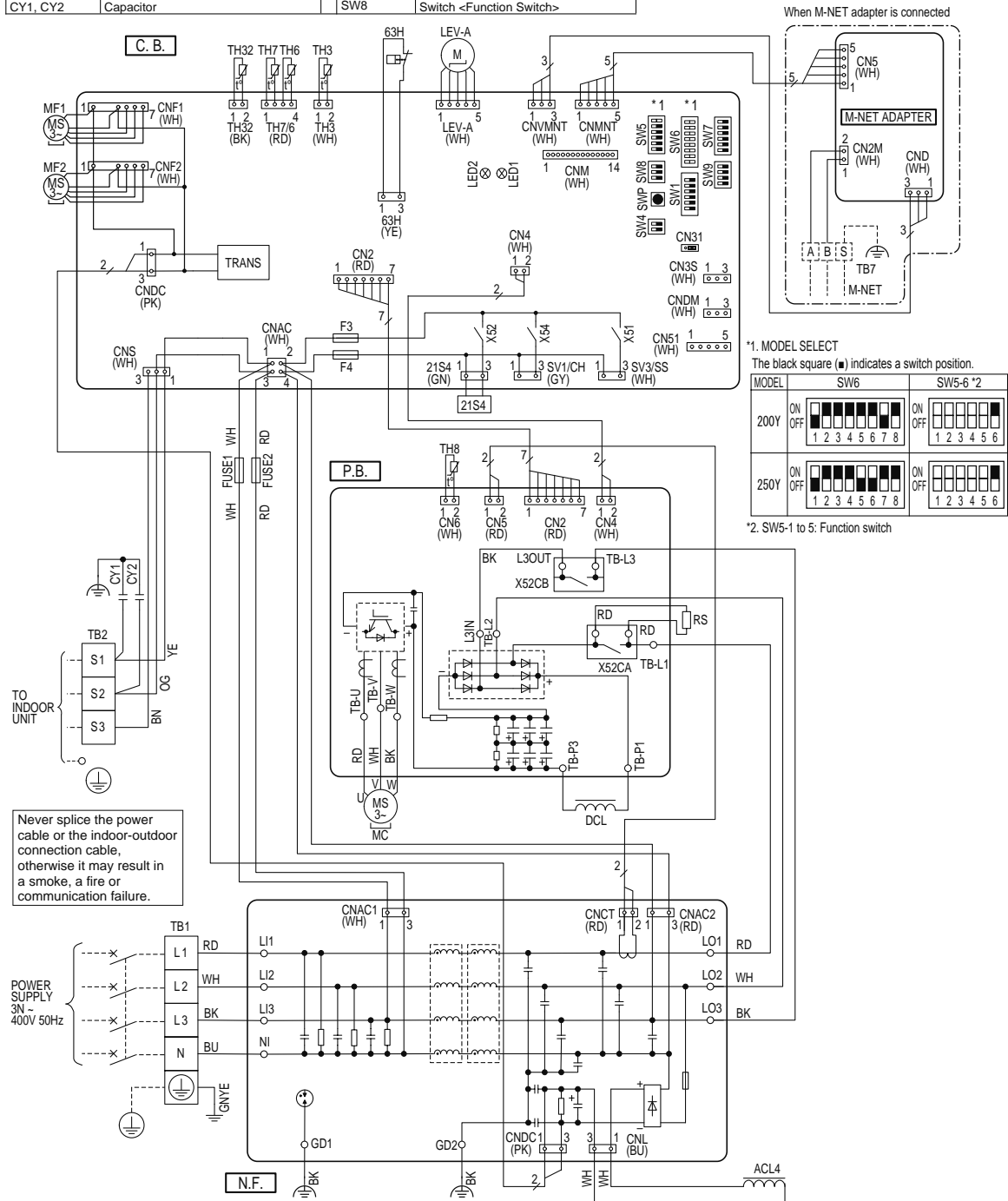
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	L1/L12/L13/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH7	Thermistor <Ambient>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNMVMT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW6	Switch <Model Select>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>	SW8	Switch <Function Switch>		
CY1, CY2	Capacitor				



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

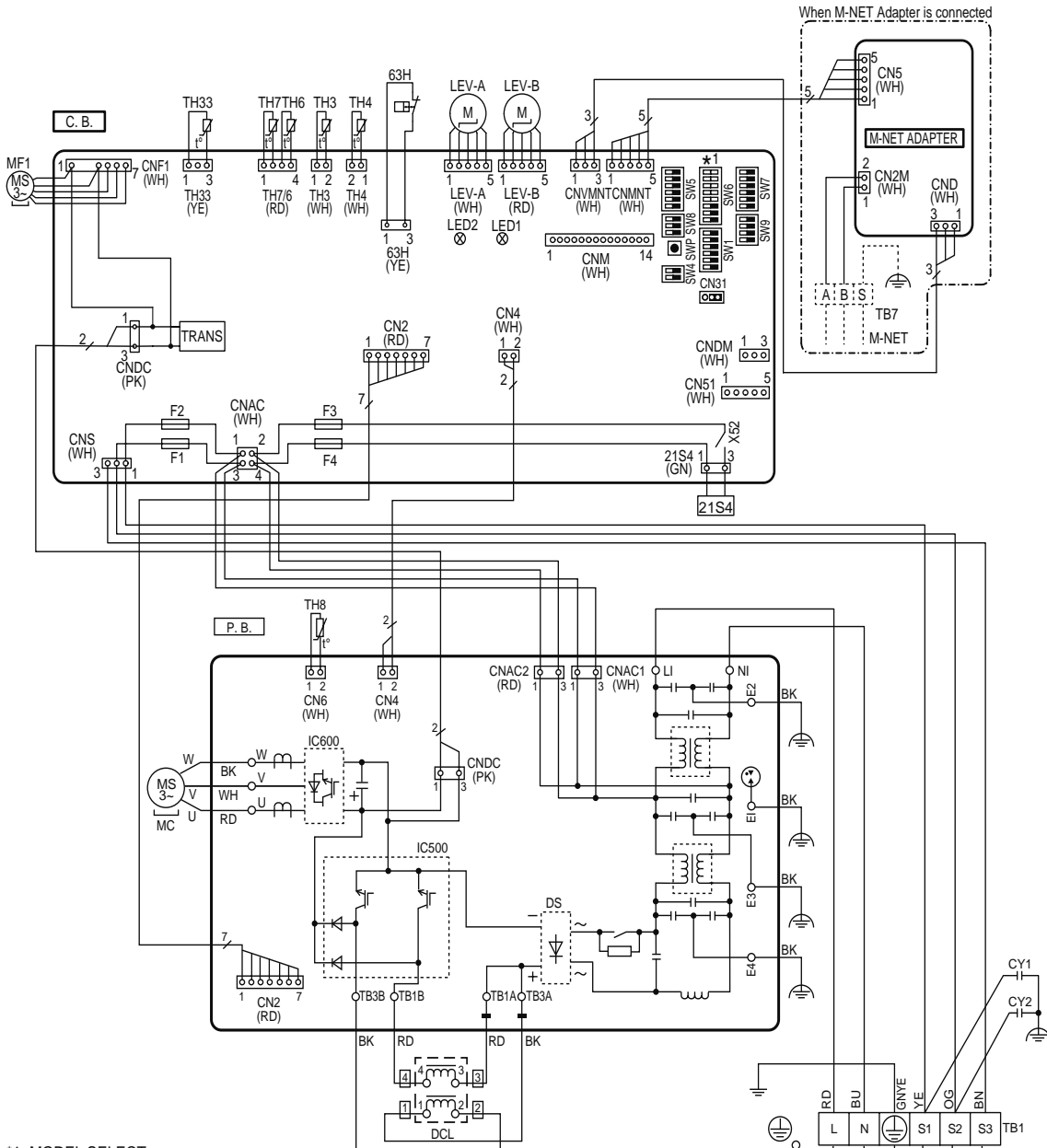
OUTDOOR UNIT WIRING DIAGRAM

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

3. PUHZ-P-KA

PUHZ-P100VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	LEV-A, LEV-B	Linear Expansion Valve	SW5	Switch <Function Switch>
MC	Motor for Compressor	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MF1	Fan Motor	DCL	Reactor	SW7	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CN51	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNDM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>			CNM	Connector <Connection for Option>
				X52	Relay



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2																								
100V	<table border="1"> <tr> <td>ON</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> <td>■</td> </tr> <tr> <td>OFF</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> <td>□</td> </tr> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7 8</td> </tr> </table>	ON	■	■	■	■	■	■	■	OFF	□	□	□	□	□	□	□		1	2	3	4	5	6	7 8
ON	■	■	■	■	■	■	■																		
OFF	□	□	□	□	□	□	□																		
	1	2	3	4	5	6	7 8																		

*2. SW6-1 to 3: Function switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

POWER SUPPLY
~N 230V 50Hz

TO INDOOR UNIT

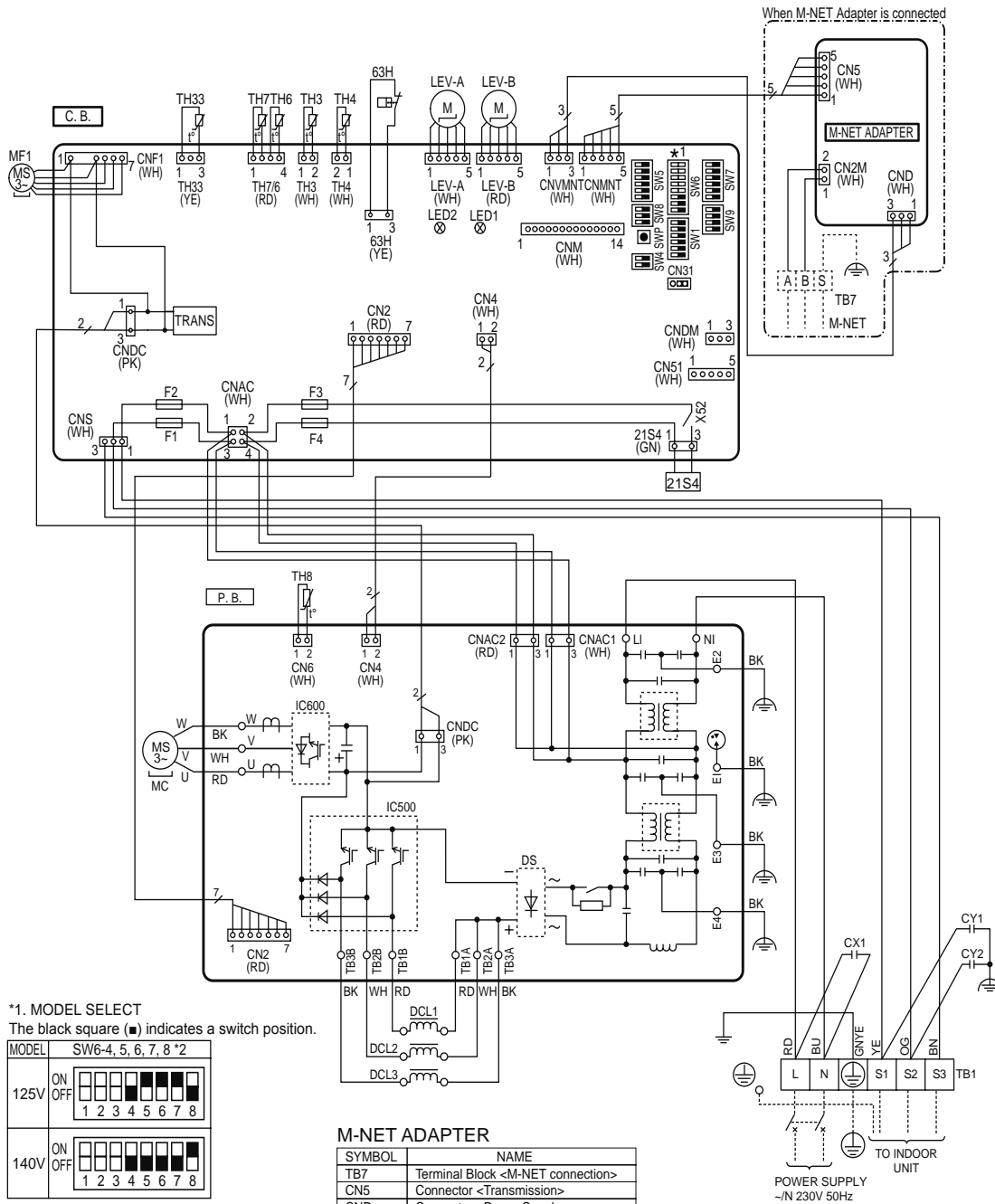
Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

PUHZ-P125VKA
PUHZ-P140VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL1, DCL2, DCL3	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CX1	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

OUTDOOR UNIT WIRING DIAGRAM



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON OFF [1] [2] [3] [4] [5] [6] [7] [8]
140V	ON OFF [1] [2] [3] [4] [5] [6] [7] [8]

*2. SW6-1 to 3: Function switch

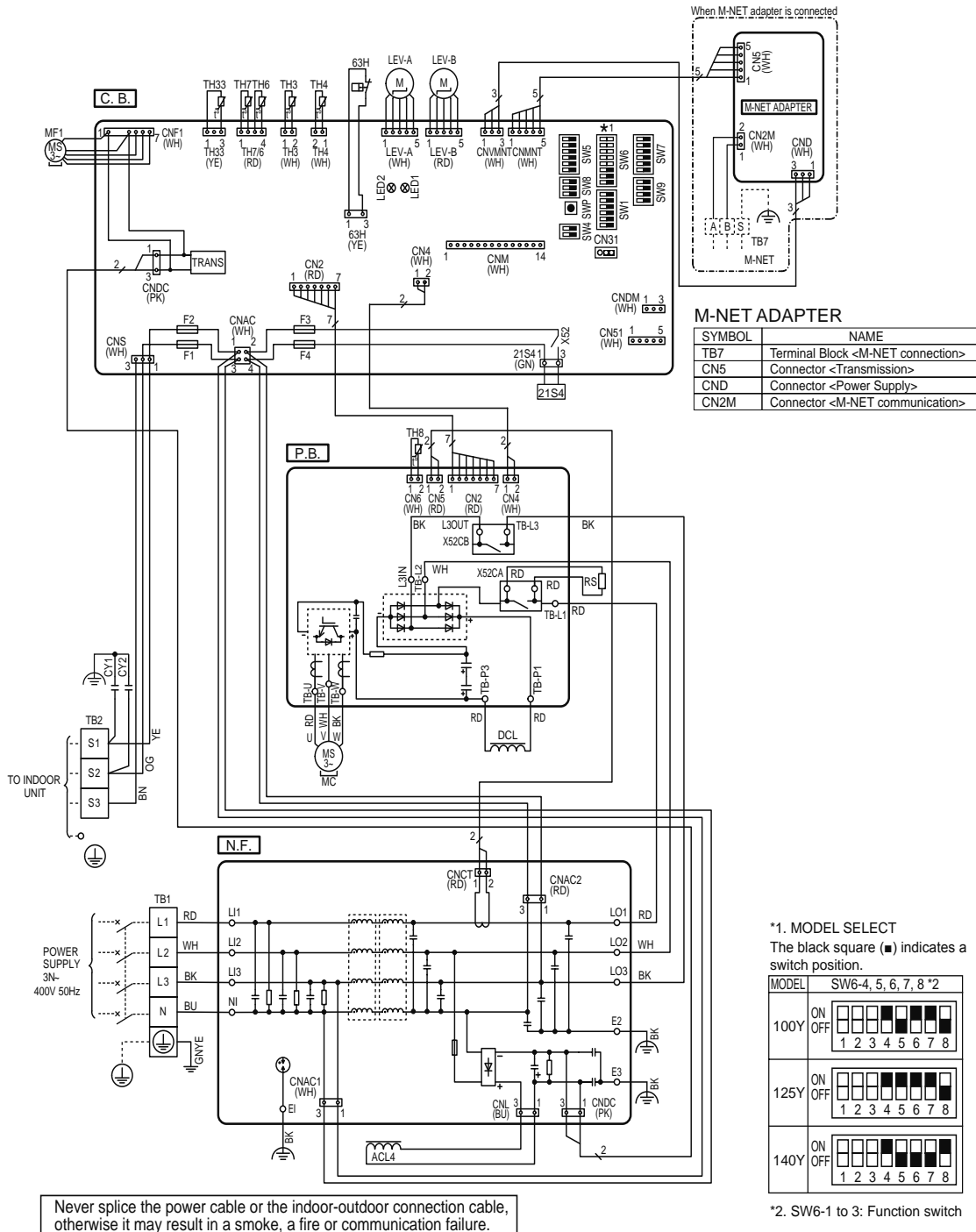
M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

PUHZ-P100YKA
PUHZ-P125YKA
PUHZ-P140YKA

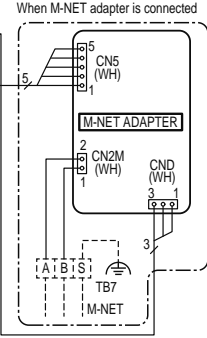
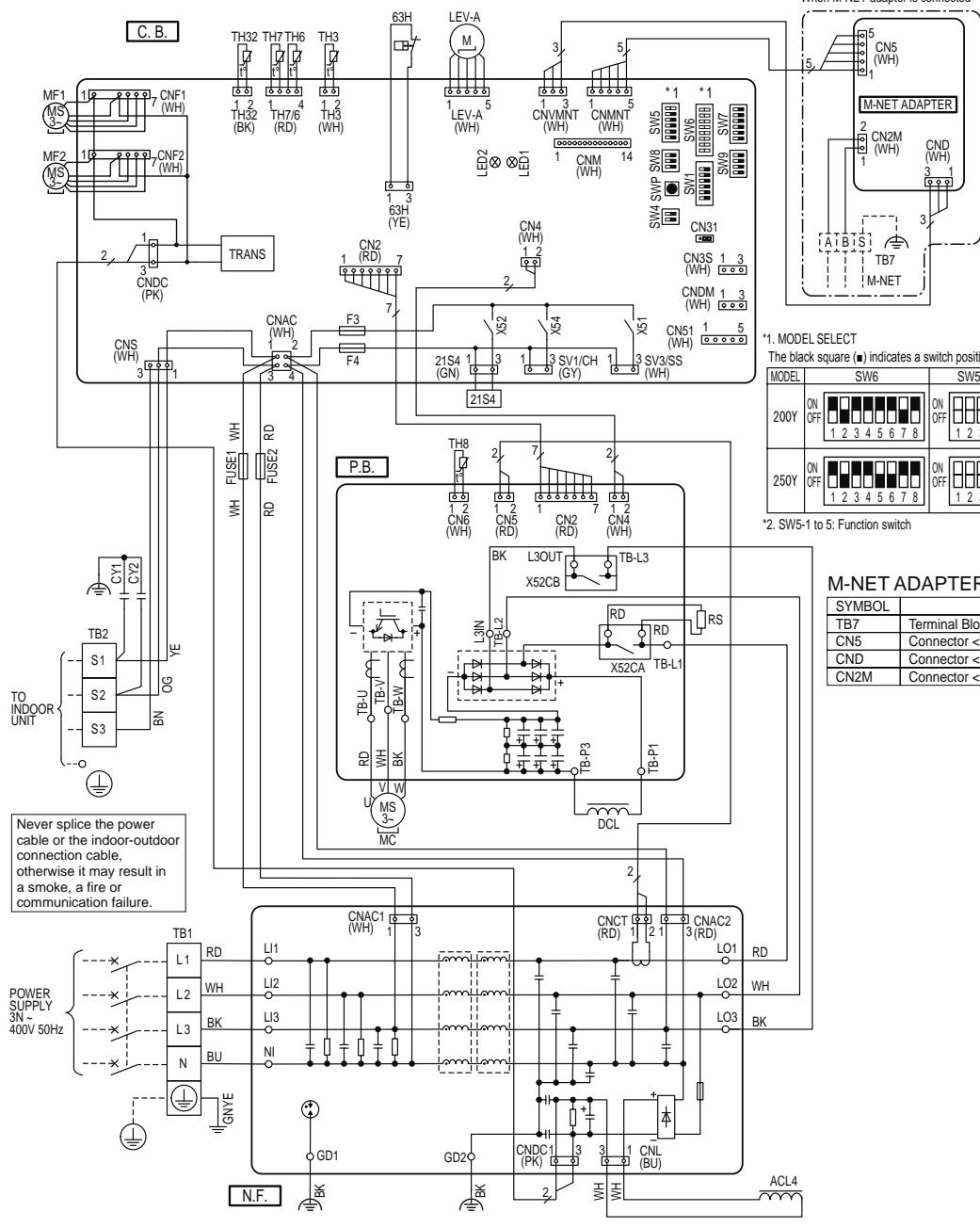
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	21S4	Solenoid Valve (4-Way Valve)	SW5	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	ACL4	Reactor	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	RS	Resistor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				



OUTDOOR UNIT WIRING DIAGRAM

PUHZ-P200YKA3
PUHZ-P250YKA3

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <UV/W-Phases>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	L1/L12/L13/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1/CH	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SV3/SS	Connector <Connection for Option>
TH7	Thermistor <Ambient>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNVMT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW6	Switch <Model Select>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>	SW8	Switch <Function Switch>		
CY1, CY2	Capacitor				



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 *2
200Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
250Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

*2. SW5-1 to 5: Function switch

M-NET ADAPTER

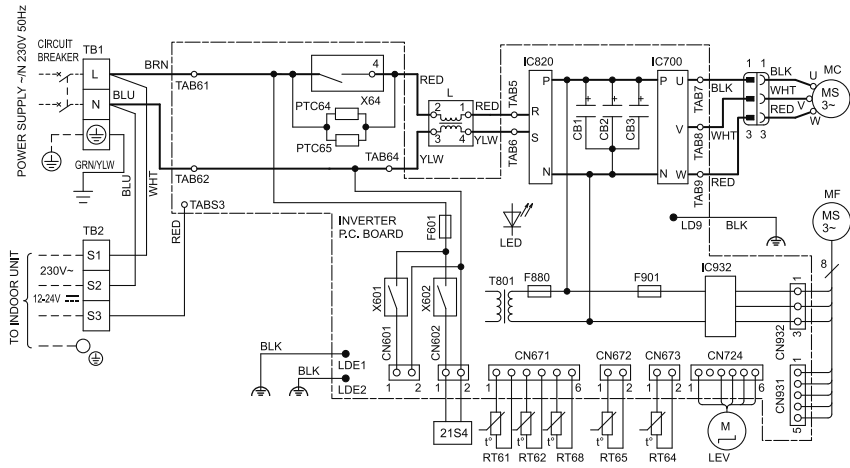
SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

OUTDOOR UNIT WIRING DIAGRAM

4. SUZ-SA•VA

SUZ-SA71VA3



Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between P(+) and N(-) terminals of IC700 when measured with a tester ten minutes after the power has been turned off. Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P(+) and N(-) terminals of IC700 with either a discharge resistor (approx. 100Ω, 40W) or a soldering iron plug to let the electric charge disappear.

One Point Checking for Inverter

Item	Symptom	Check point	
1	Power supply	There is no 230V AC power between terminals [L] and [N].	Check the power supply cable.
2	Fuse	The fuse(F901) has blown.	Check the INVERTER P.C. BOARD and fan motor.
3	Power for main circuit	There is no 325V DC Power between pins P(+) and N(-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
4	Inverter output	AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the power board.
5	LED display (while compressor is not in operation.)	Lighting	Normal
		Flashing	Abnormality or stop due to protective function(refer to "Troubleshootings When LED Blinks" shown below.)
		Goes out	Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1-3	SMOOTHING CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
F601	FUSE(T3.15A/250V)	LED	LED	RT62	DISCHARGE TEMP.THERMISTOR	X601	RELAY
F880	FUSE(T3.15A/250V)	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP.THERMISTOR	X602	RELAY
F901	FUSE(T3.15A/250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP.THERMISTOR	X64	RELAY
IC700	IGBT Module	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP.THERMISTOR	21S4	REVERSING VALVE SOLENOID COIL
IC820	DIODE Module	PTC64	CIRCUIT PROTECTION	TB1, TB2	TERMINAL BLOCK		
IC932	IGBT Module	PTC65	CIRCUIT PROTECTION				

NOTES 1>About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2,Use copper conductors only(for field wiring). 3,Symbols indicate, □:Terminal block

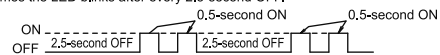
* For details, refer to the appropriate service manual.

Troubleshootings When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lighted, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of the LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1,Check outdoor INVERTER P.C. BOARD 2,Reconnect compressor connector 3,Check compressor 4,Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1,Check outdoor INVERTER P.C. BOARD 2,Reconnect compressor connector 3,Check compressor 4,Check stop valve
3 times	Protection for overheat of discharge temperature	1,Charge refrigerant 2,Check expansion valve
4 times	Protection for overheat of fin temperature/P.C. board temperature	1,Check air circulation in outdoor unit(short cycle) 2,Check outdoor fan motor 3,Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1,Check refrigerant circuit(clogging etc.) 2,Check stop valve
6 times	Abnormality of serial signal	Check indoor electronic control P.C. board and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1,Reconnect compressor connector 2,Check compressor 3,Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1,Reconnect connectors for fan motor 2,Check outdoor INVERTER P.C. BOARD 3,Check outdoor fan motor
11 times	Protection for stop valve(Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

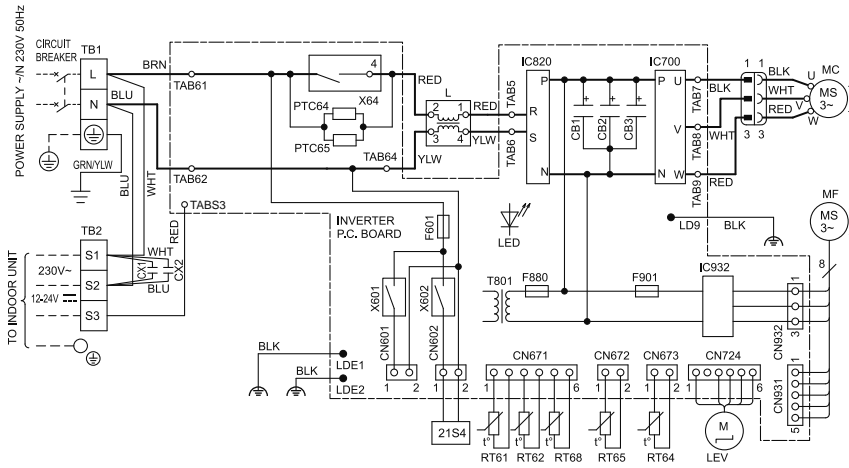
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
[Example] Blinking frequency is "Twice".



OUTDOOR UNIT WIRING DIAGRAM

SUZ-SA100VA2

OUTDOOR UNIT WIRING DIAGRAM



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1~3	SMOOTHING CAPACITOR	IC820	IGBT Module	PTC65	CIRCUIT PROTECTION	TB1, TB2	TERMINAL BLOCK
CX1, CX2	CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801, T82	TRANSFORMER
F601	FUSE(T3,15AL250V)	LED	LED	RT62	DISCHARGE TEMP.THERMISTOR	X601	RELAY
F880	FUSE(T3,15AL250V)	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP.THERMISTOR	X602	RELAY
F901	FUSE(T3,15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP.THERMISTOR	X64	RELAY
IC700	IGBT Module	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP.THERMISTOR	21S4	REVERSING VALVE SOLENOID COIL
IC820	DIODE Module	PTC64	CIRCUIT PROTECTION				

NOTES 1.About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2.Use copper conductors only(for field wiring). 3.Symbols indicate, :Terminal block

Safety Precautions in Servicing Electrical Parts

Before performing inspection and repairs, be sure to confirm that the voltage of the smoothing capacitor is less than 10V DC between P(+) and N(-) terminals of IC700 when measured with a tester ten minutes after the power has been turned off.
Since the electrolytic capacitor used for the inverter is usually charged with 325V DC voltage, and the electric charge remains for a while after the power is cut, the shock would be given if contacted its charging part (not only the electrolytic capacitor), resulting sometimes in serious injury. In case the residual voltage of the electrolytic capacitor mentioned above exceeds 10V DC, connect P(+) and N(-) terminals of IC700 with either a discharge resistor (approx.100Ω,40W) or a soldering iron plug to let the electric charge discharge.

One Point Checking for Inverter

Item	Symptom	Check point	
1	Power supply	There is no 230V AC power between terminals [L] and [N].	Check the power supply cable.
2	Fuse	The fuse(F901) has blown.	Check the INVERTER P.C. BOARD and fan motor.
3	Power for main circuit	There is no 325V DC Power between pins P(+) and N(-) terminals of IC700.	Check the INVERTER P.C. BOARD, the reactor, and the main circuit wiring.
4	Inverter output	AC voltages between wires are different during operation with the inverter disconnected from the compressor.	Check the power board.
5	LED display (while compressor is not in operation.)	Lighting	Normal
		Flashing	Abnormality or stop due to protective function(Refer to "Troubleshootings When LED Blinks" shown below.)
		Goes out	Check the INVERTER P.C. BOARD, fan motor and the power for main circuit.

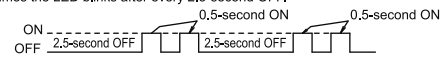
* For details, refer to the appropriate service manual.

Troubleshootings When LED Blinks

When the compressor stops due to protective functions, the LED blinks on the outdoor INVERTER P.C. BOARD. Perform the inspection referring to the table below. For your reference, when the LED is lighted, the unit is in normal operation. When the LED goes out, run the unit in the emergency operation and check the blinking frequency of LED.

Blinking frequency of LED on the INVERTER P.C. BOARD in the outdoor unit	Troubleshooting	
	Symptom	Corresponds
Once	Abnormality in outdoor power supply system	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
Once	Abnormality in outdoor thermistor	Check thermistor including poor contact or disconnection of its connector
Once	Abnormality in outdoor control system	Check outdoor INVERTER P.C. BOARD
Twice	Protection for overcurrent	1.Check outdoor INVERTER P.C. BOARD 2.Reconnect compressor connector 3.Check compressor 4.Check stop valve
3 times	Protection for overheat of discharge temperature	1.Charge refrigerant 2.Check expansion valve
4 times	Protection for overheat of fin temperature/P.C. board temperature	1.Check air circulation in outdoor unit(short cycle) 2.Check outdoor fan motor 3.Check obstruction in air inlet/outlet of outdoor unit
5 times	Protection for raising of high pressure	1.Check refrigerant circuit(clogging etc.) 2.Check stop valve
6 times	Abnormality of serial signal	Check indoor electronic control P.C. board and outdoor INVERTER P.C. BOARD
8 times	Abnormality of compressor synchronism	1.Reconnect compressor connector 2.Check compressor 3.Check outdoor INVERTER P.C. BOARD
10 times	Abnormality of outdoor fan motor	1.Reconnect connectors for fan motor 2.Check outdoor INVERTER P.C. BOARD 3.Check outdoor fan motor
11 times	Protection for stop valve(Closed valve)	Check stop valve
12 times	Abnormality of compressor phase current	Check outdoor INVERTER P.C. BOARD
13 times	Abnormality of DC voltage	Check outdoor INVERTER P.C. BOARD
16 times	Abnormality in refrigerant system	Refer to SERVICE MANUAL

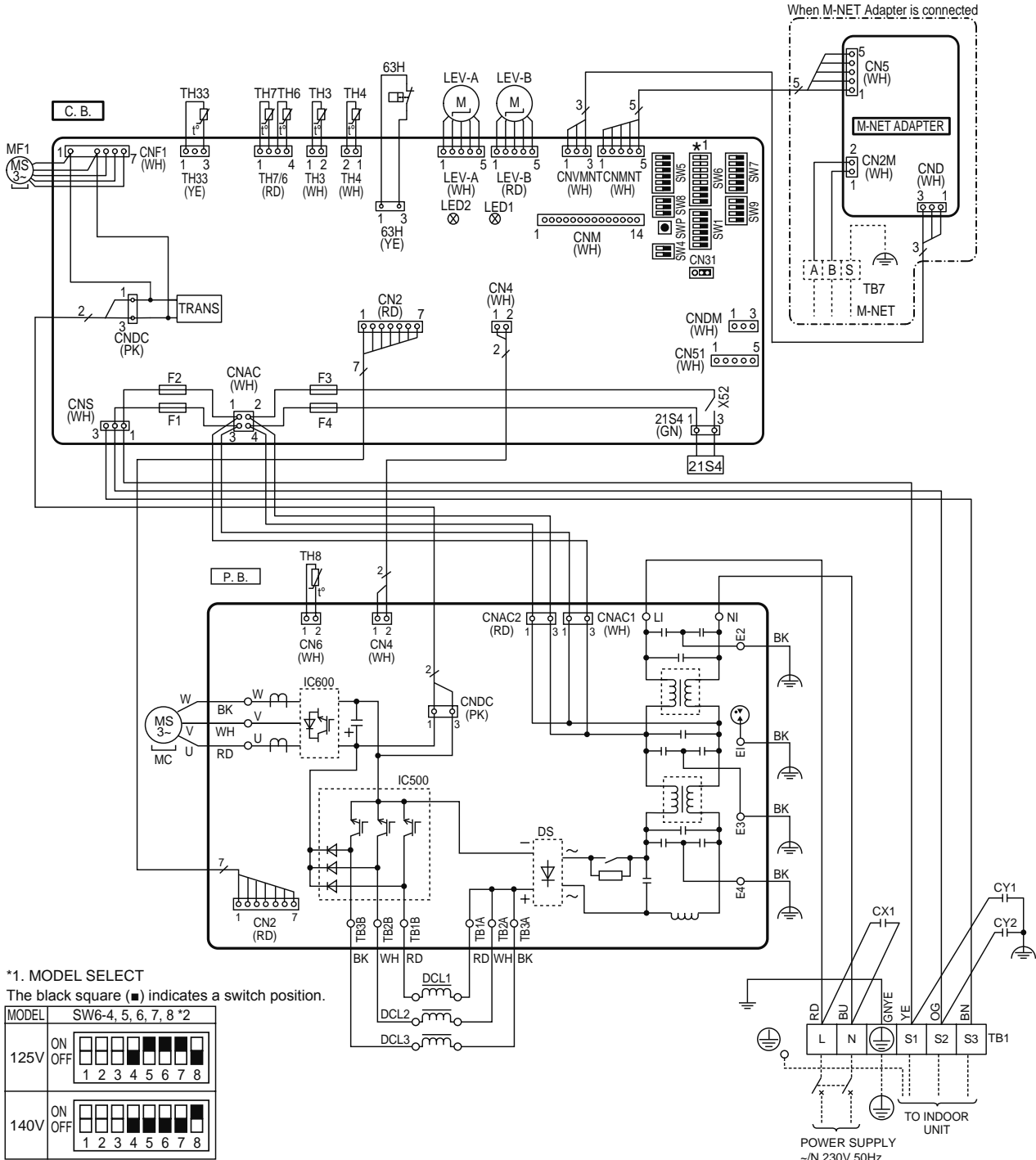
The blinking frequency shows the number of times the LED blinks after every 2.5-second OFF.
[Example] Blinking frequency is "Twice".



5. PUHZ-SP•KA

PUHZ-SP125VKA
PUHZ-SP140VKA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	21S4	Solenoid Valve (4-Way Valve)	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL1, DCL2, DCL3	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	CY1, CY2	Capacitor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CX1	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	C.B.	Controller Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW4	Switch <Function Switch>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW5	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				



OUTDOOR UNIT
WIRING DIAGRAM

*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6-4, 5, 6, 7, 8 *2
125V	ON: [Diagram showing switch positions 1-8]
	OFF: [Diagram showing switch positions 1-8]
140V	ON: [Diagram showing switch positions 1-8]
	OFF: [Diagram showing switch positions 1-8]

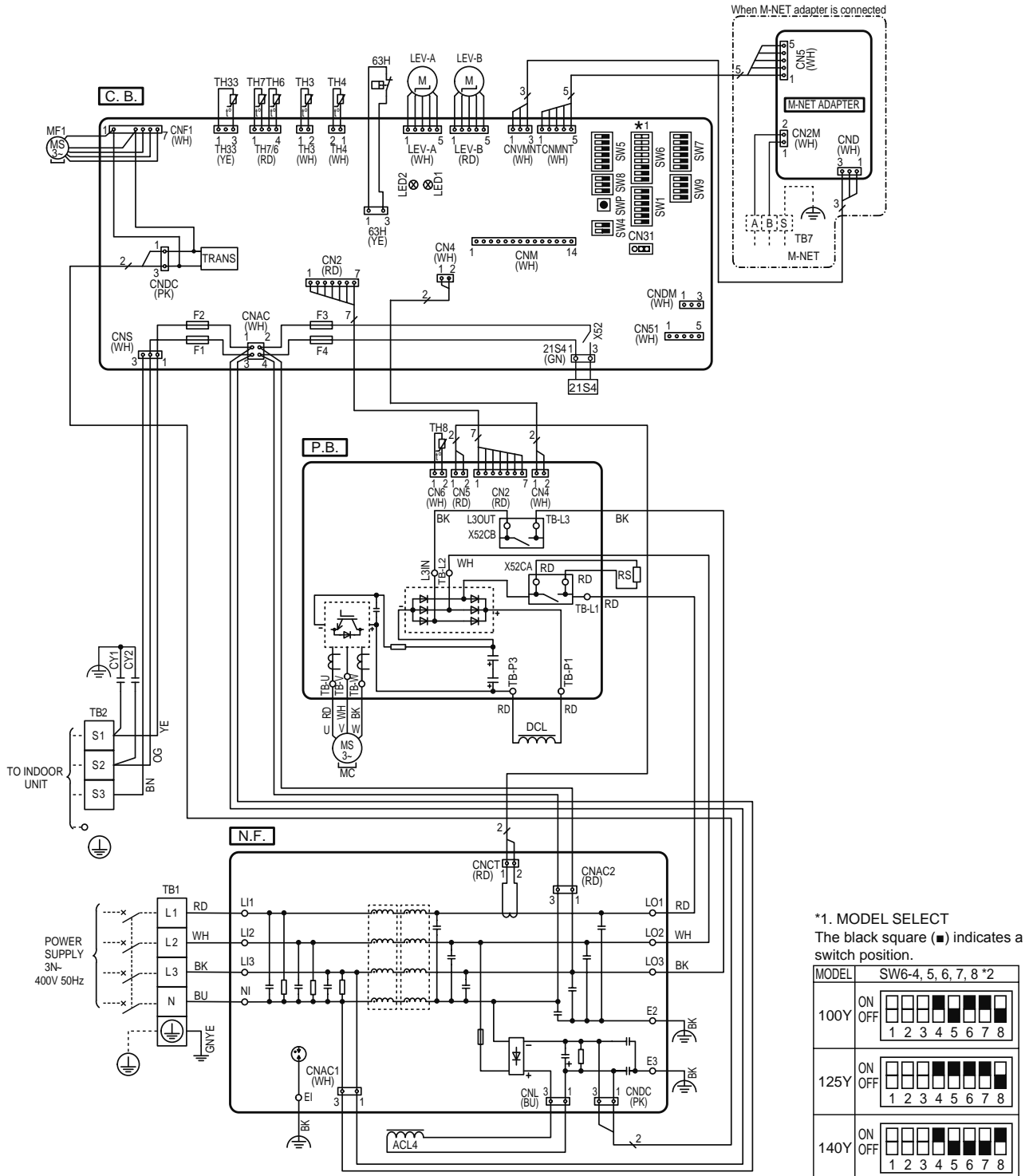
*2. SW6-1 to 3: Function switch

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

**PUHZ-SP100YKA
PUHZ-SP125YKA
PUHZ-SP140YKA**

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	21S4	Solenoid Valve (4-Way Valve)	SW5	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	ACL4	Reactor	SW6	Switch <Model Select>
MC	Motor for Compressor	DCL	Reactor	SW7	Switch <Function Switch>
MF1	Fan Motor	RS	Resistor	SW8	Switch <Function Switch>
63H	High Pressure Switch	CY1, CY2	Capacitor	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	P.B.	Power Circuit Board	SWP	Switch <Pump Down>
TH4	Thermistor <Discharge>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH6	Thermistor <2-Phase Pipe>	C.B.	Controller Circuit Board	CN51	Connector <Connection for Option>
TH7	Thermistor <Ambient>	F1, F2, F3, F4	Fuse <T6.3AL250V>	CNDM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	SW1	Switch <Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNM	Connector <Connection for Option>
TH33	Thermistor <Comp. Surface>	SW4	Switch <Function Switch>	X52	Relay
LEV-A, LEV-B	Linear Expansion Valve				

OUTDOOR UNIT
WIRING DIAGRAM



***1. MODEL SELECT**
The black square (■) indicates a switch position.

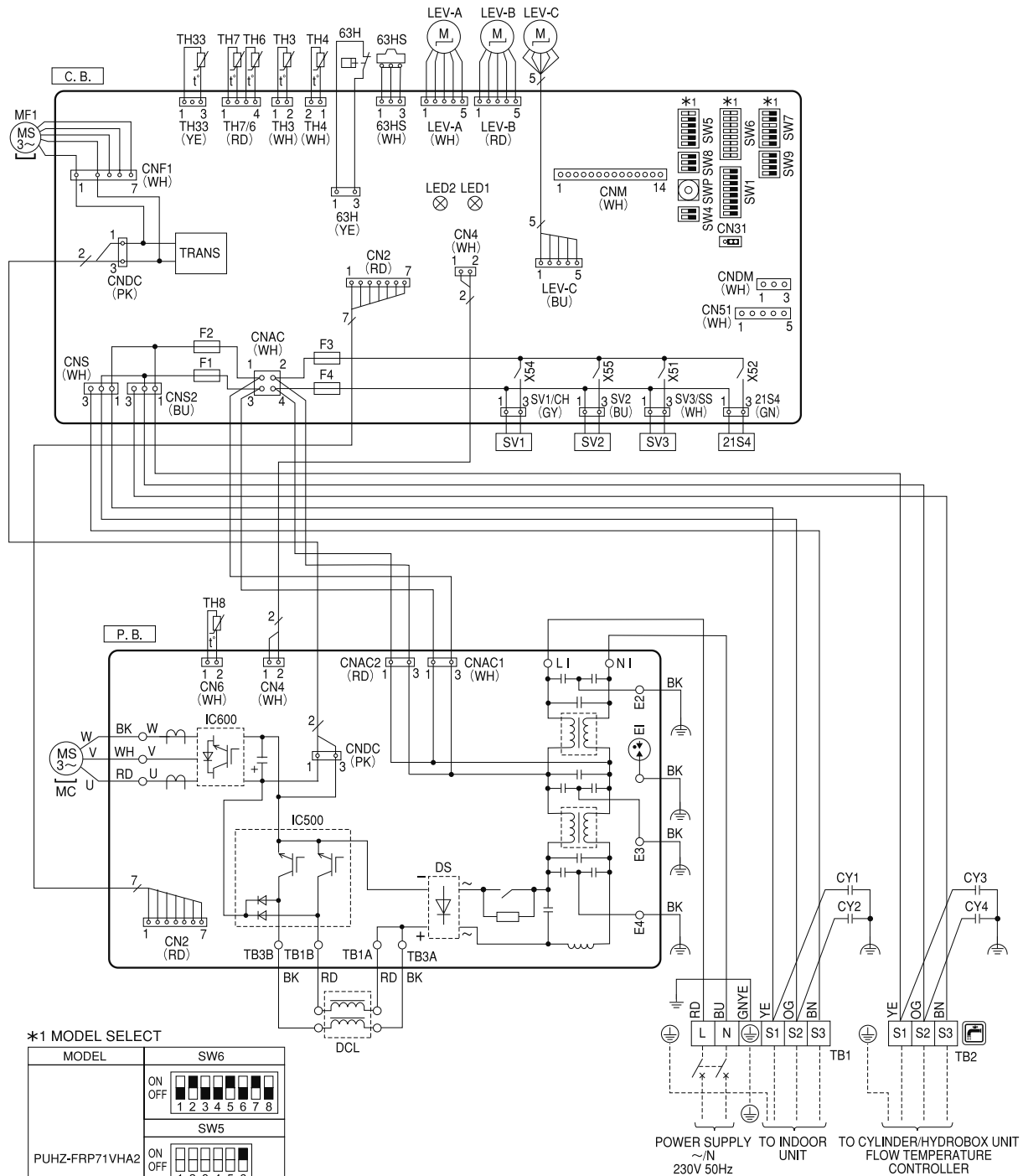
MODEL	SW6-4, 5, 6, 7, 8 *2
100Y	ON: [] [] [] [] [] [] [] []
	OFF: [] [] [] [] [] [] [] []
125Y	ON: [] [] [] [] [] [] [] []
	OFF: [] [] [] [] [] [] [] []
140Y	ON: [] [] [] [] [] [] [] []
	OFF: [] [] [] [] [] [] [] []

Never splice the power cable or the indoor-outdoor connection cable, otherwise it may result in a smoke, a fire or communication failure.

*2. SW6-1 to 3: Function switch

6. PUHZ-FRP71VHA2

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block (Power Supply, Indoor/Outdoor)	SV1	Solenoid Valve 1	SW5	Switch (Function Switch, Model Select)
TB2	Terminal Block (Cylinder/Hydrobox UNIT/Outdoor)	SV2	Solenoid Valve 2	SW6	Switch (Model Select)
MC	Motor for Compressor	SV3	Solenoid Valve 3	SW7	Switch (Function Switch, Model Select)
MF1	Fan Motor	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW8	Switch (Function Switch)
21S4	Solenoid Valve (4-Way Valve)	DCL	Reactor	SW9	Switch (Function Switch)
63H	High Pressure Switch	CY1, CY2, CY3, CY4	Capacitor	SWP	Switch (Pump Down)
63HS	High Pressure Sensor	P.B.	Power Circuit Board	CNDM	Connector (Connection for Option)
TH3	Thermistor (Liquid)	C.B.	Controller Circuit Board	CN31	Connector (Emergency Operation)
TH4	Thermistor (Discharge)	F1, F2	Fuse (T10AL250V)	CN51	Connector (Connection for Option)
TH6	Thermistor (2-Phase Pipe)	F3, F4	Fuse (T6.3AL250V)	CNM	Connector (Connection for Option)
TH7	Thermistor (Ambient)	SW1	Switch (Manual Defrost, Defect History Record Reset, Refrigerant Address)	LED1, LED2	LED
TH8	Thermistor (Heat Sink)	SW4	Switch (Test Run Switch)		
TH33	Thermistor (Comp. Surface)				



*1 MODEL SELECT

MODEL	SW6
PUHZ-FRP71VHA2	ON OFF
	1 2 3 4 5 6 7 8
PUHZ-FRP71VHA2	SW5
	ON OFF
	1 2 3 4 5 6
PUHZ-FRP71VHA2	SW7
	ON OFF
	1 2 3 4 5 6

The black square (■) indicates a switch position.

OUTDOOR UNIT WIRING DIAGRAM

A.8.3 REFRIGERANT SYSTEM DIAGRAM

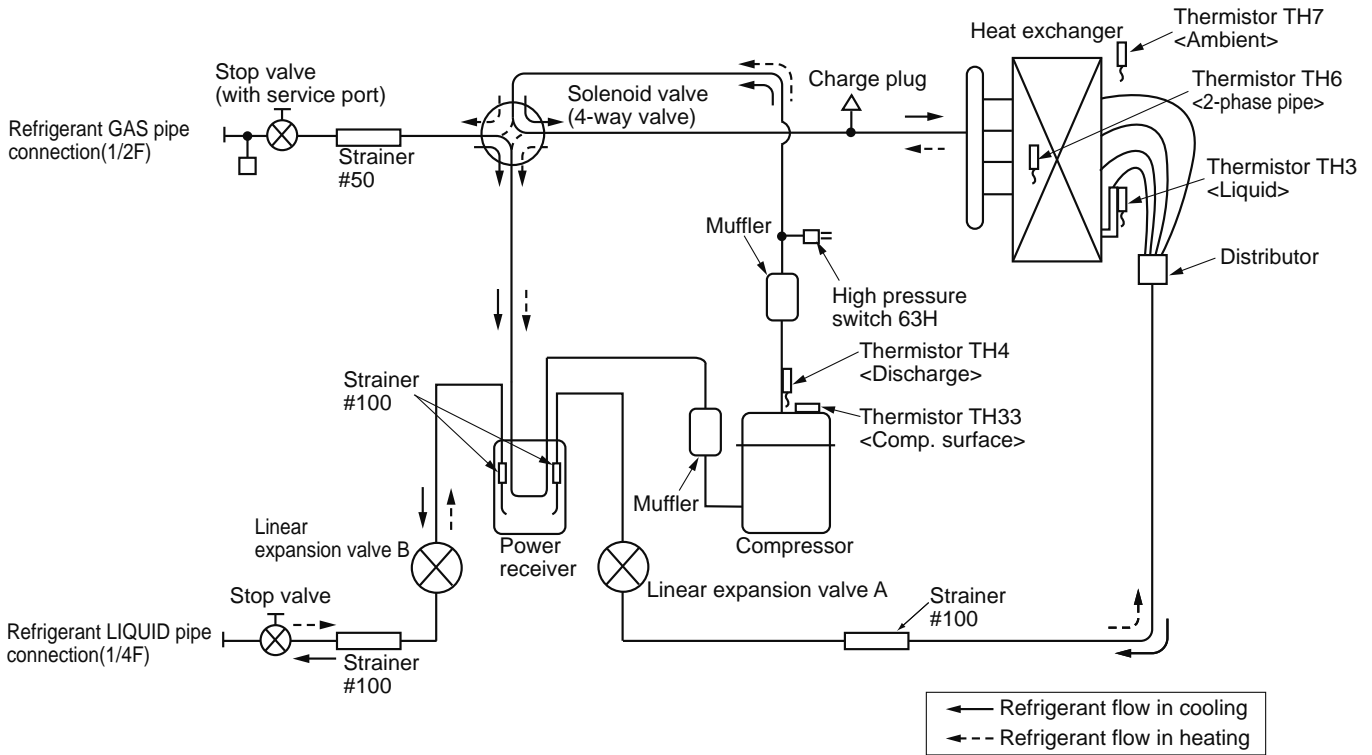
A.8.3.1 R32 type

1. PUZ-ZM•HA2, KA2

PUZ-ZM35VKA2

Unit: mm

PUZ-ZM50VKA2

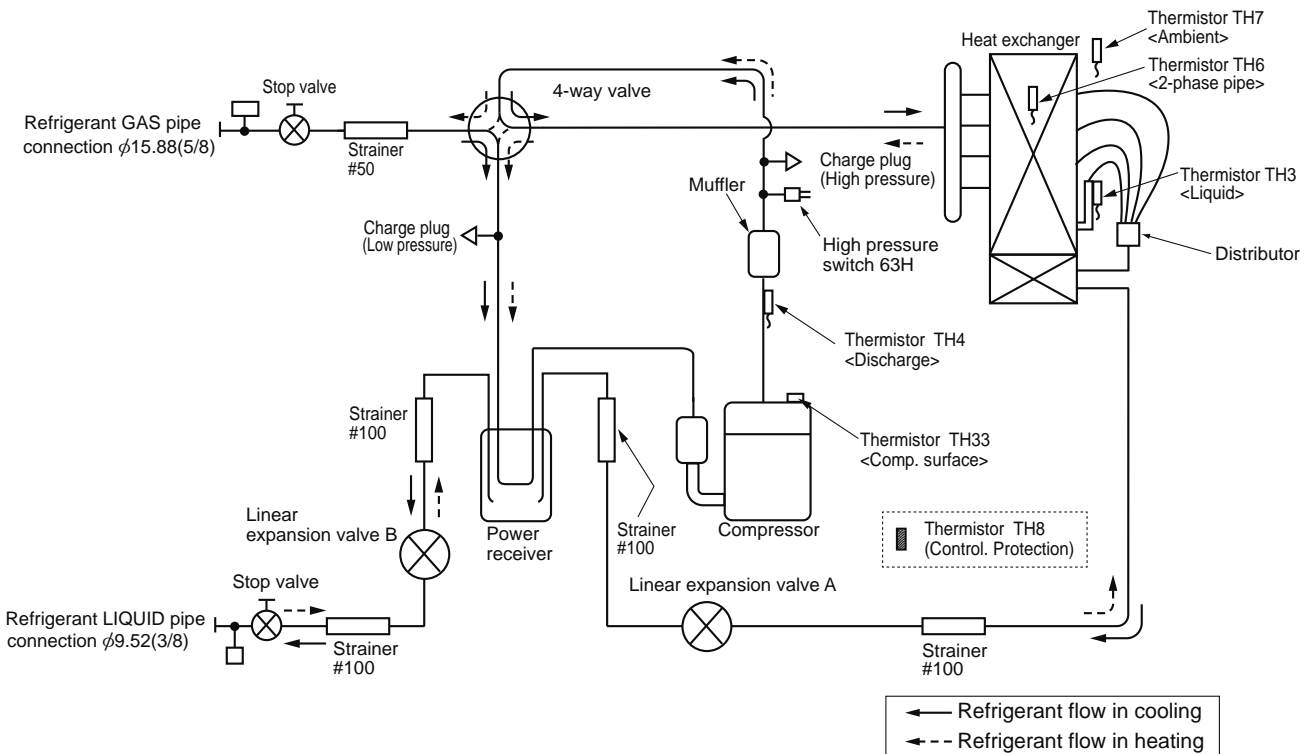


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUZ-ZM60VHA2

Unit: mm

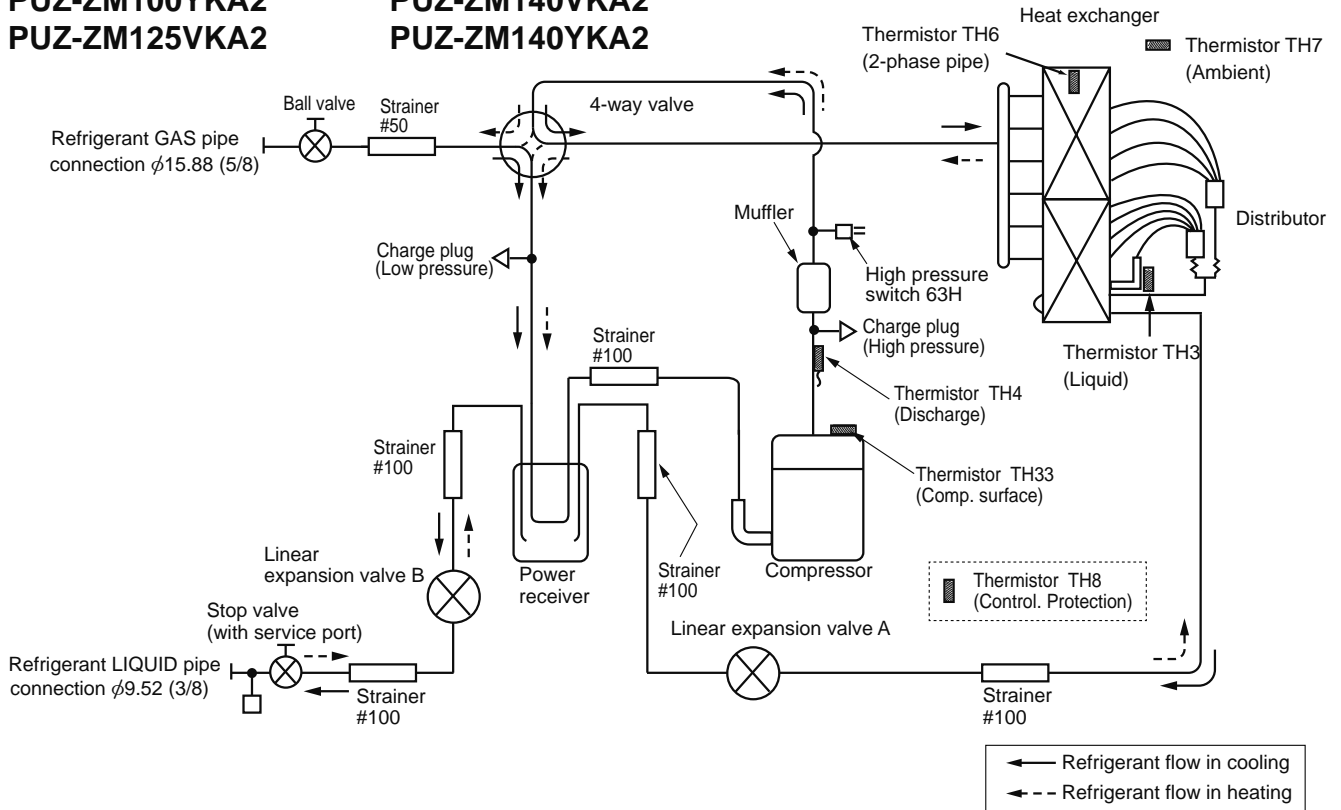
PUZ-ZM71VHA2



PUZ-ZM100VKA2
PUZ-ZM100YKA2
PUZ-ZM125VKA2

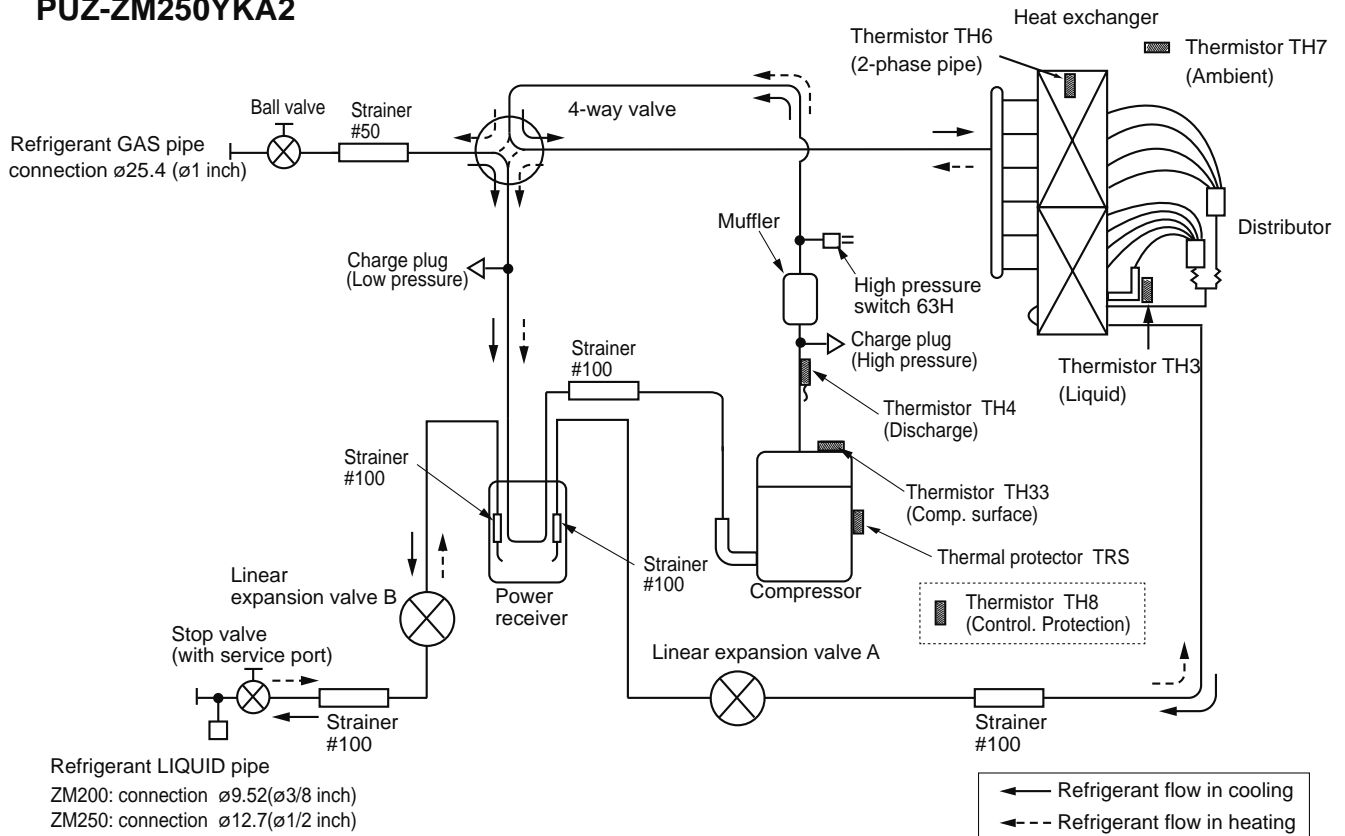
PUZ-ZM125YKA2
PUZ-ZM140VKA2
PUZ-ZM140YKA2

Unit: mm



PUZ-ZM200YKA2
PUZ-ZM250YKA2

Unit: mm



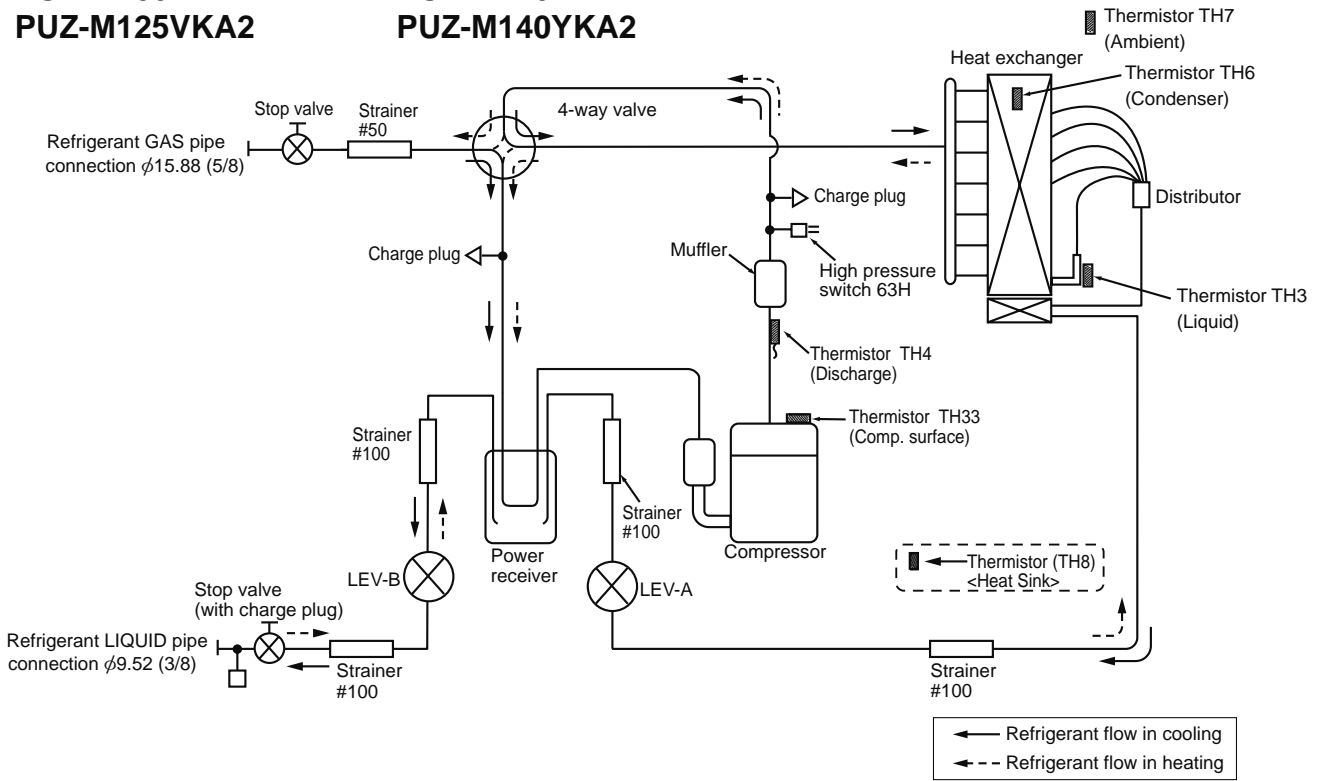
OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

2. PUZ-M•KA2

PUZ-M100VKA2
 PUZ-M100YKA2
 PUZ-M125VKA2

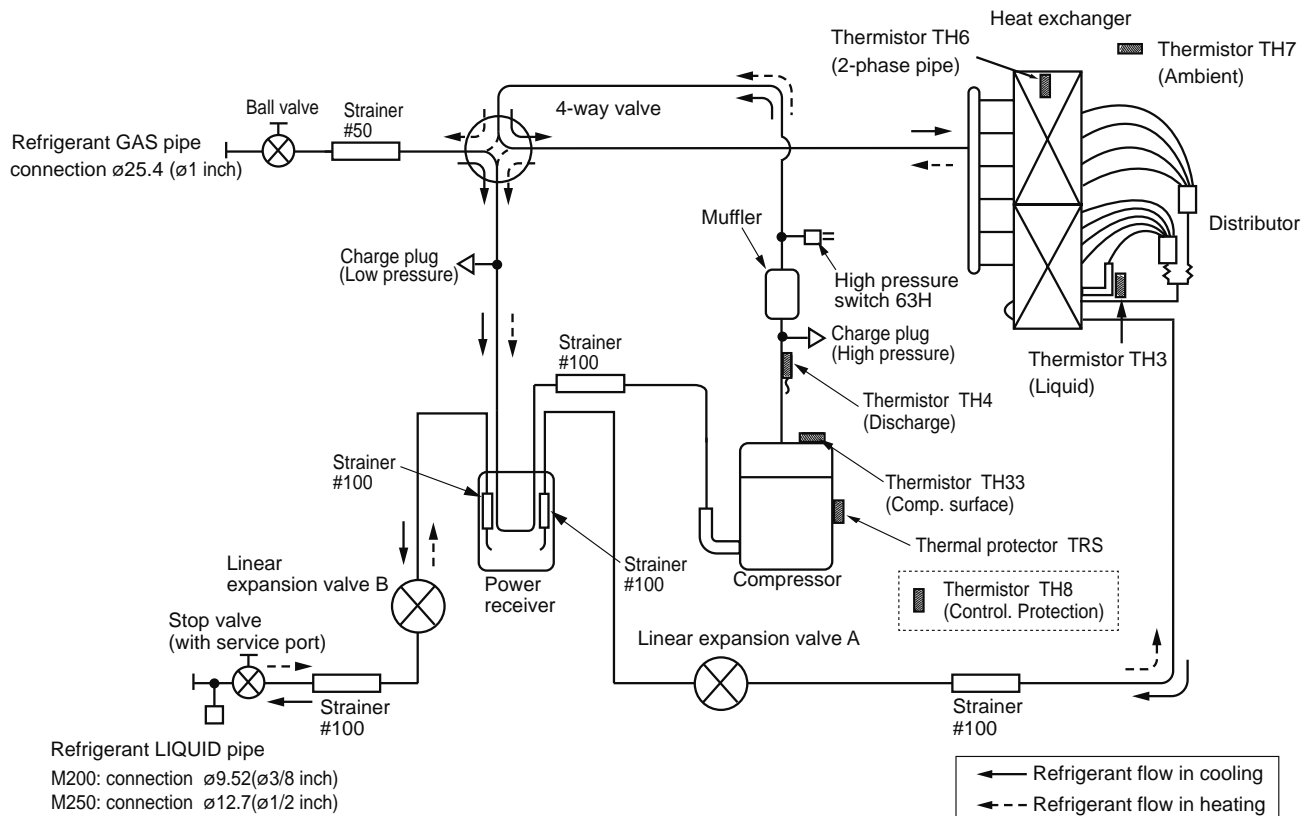
PUZ-M125YKA2
 PUZ-M140VKA2
 PUZ-M140YKA2

Unit: mm



PUZ-M200YKA2
 PUZ-M250YKA2

Unit: mm

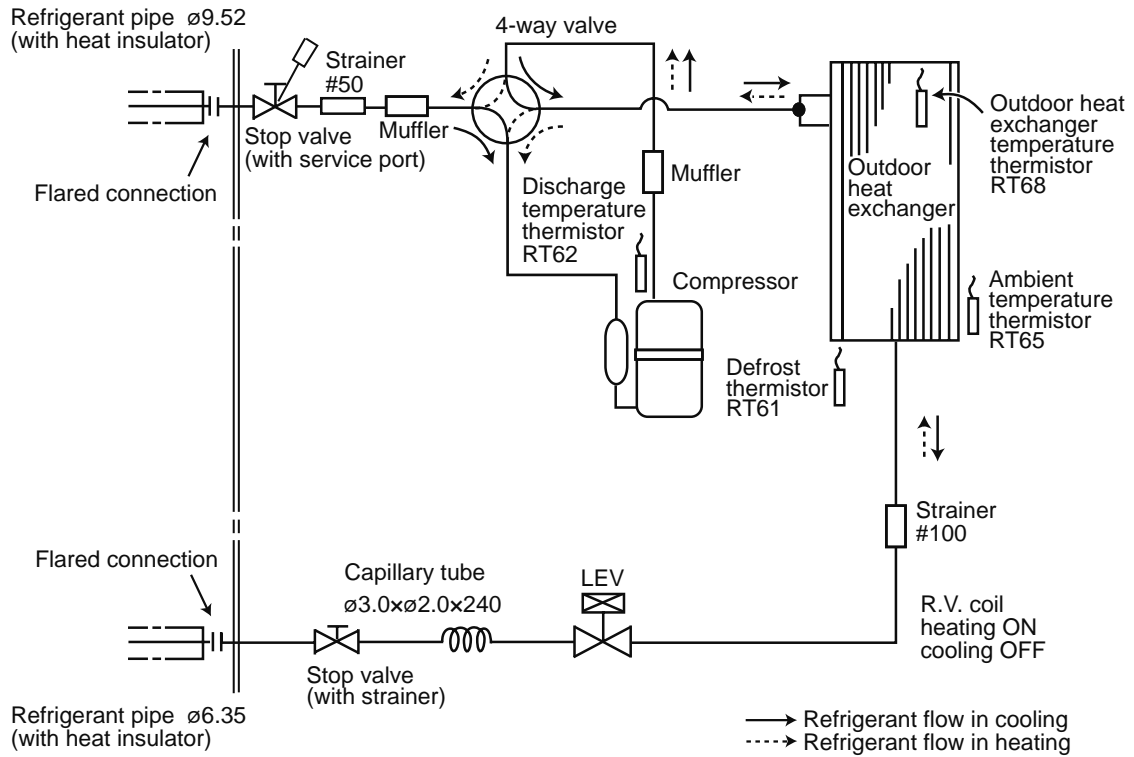


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

3. SUZ-SM•VA

SUZ-SM35VA

Unit: mm

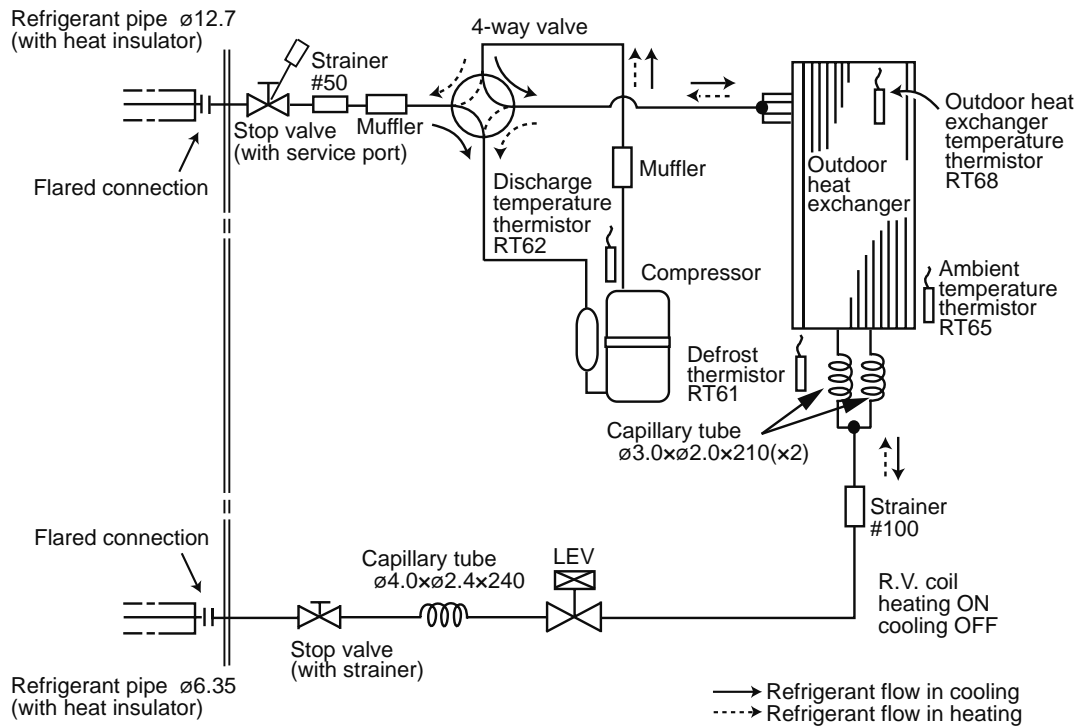


OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

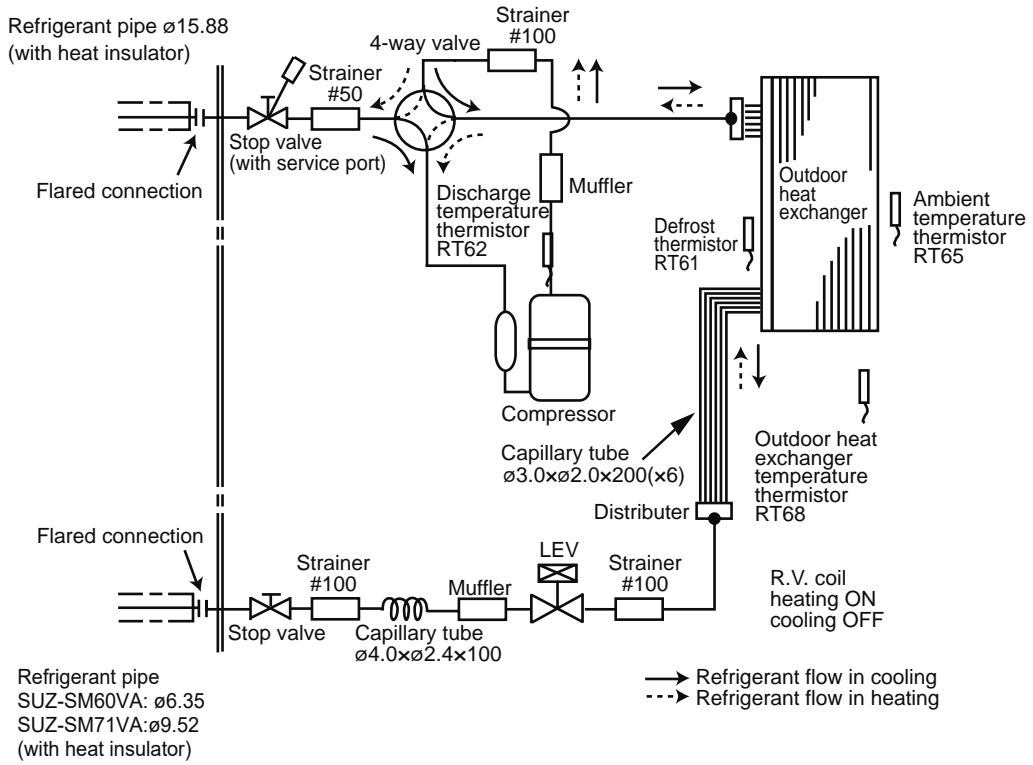
SUZ-SM50VA

Unit: mm



SUZ-SM60VA
SUZ-SM71VA

Unit: mm

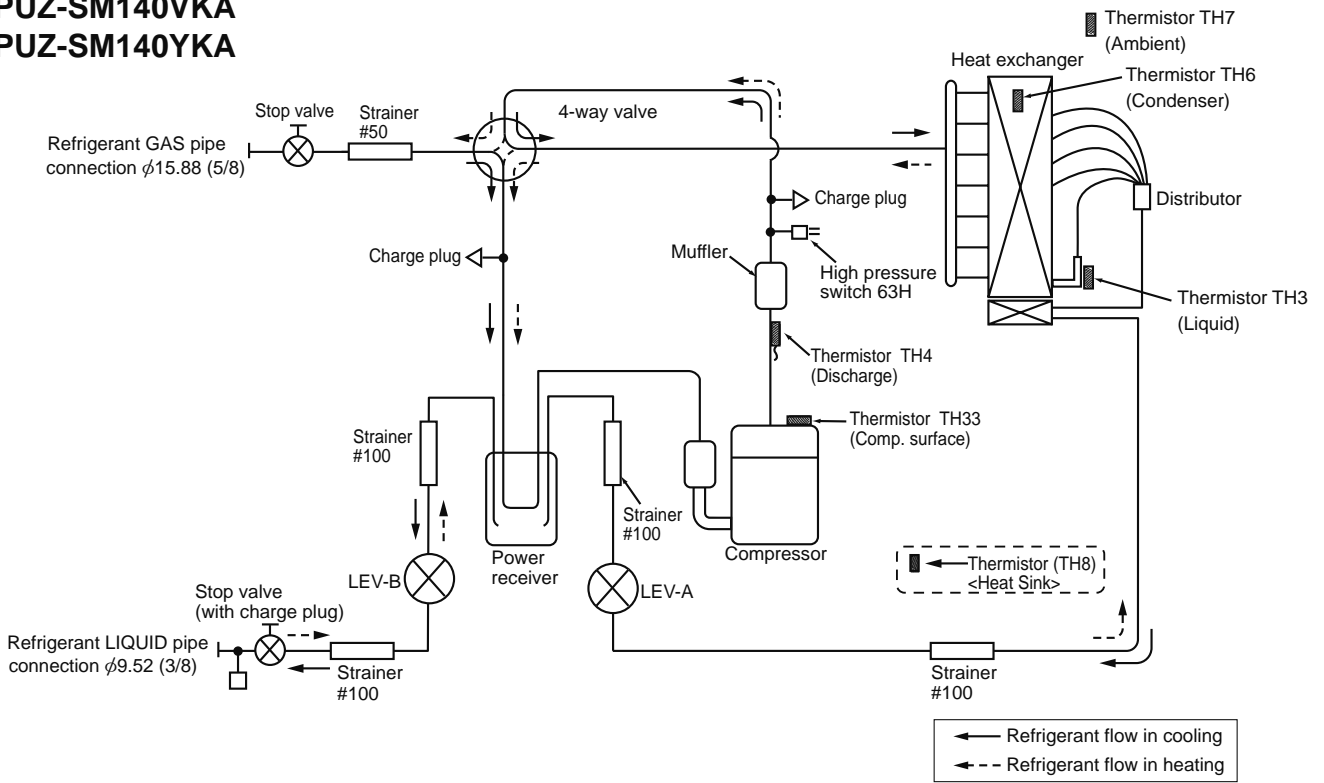


OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

4. PUZ-SM•KA

- PUZ-SM100VKA
- PUZ-SM100YKA
- PUZ-SM125VKA
- PUZ-SM125YKA
- PUZ-SM140VKA
- PUZ-SM140YKA

Unit: mm



OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

A.8.3.2 R410A type

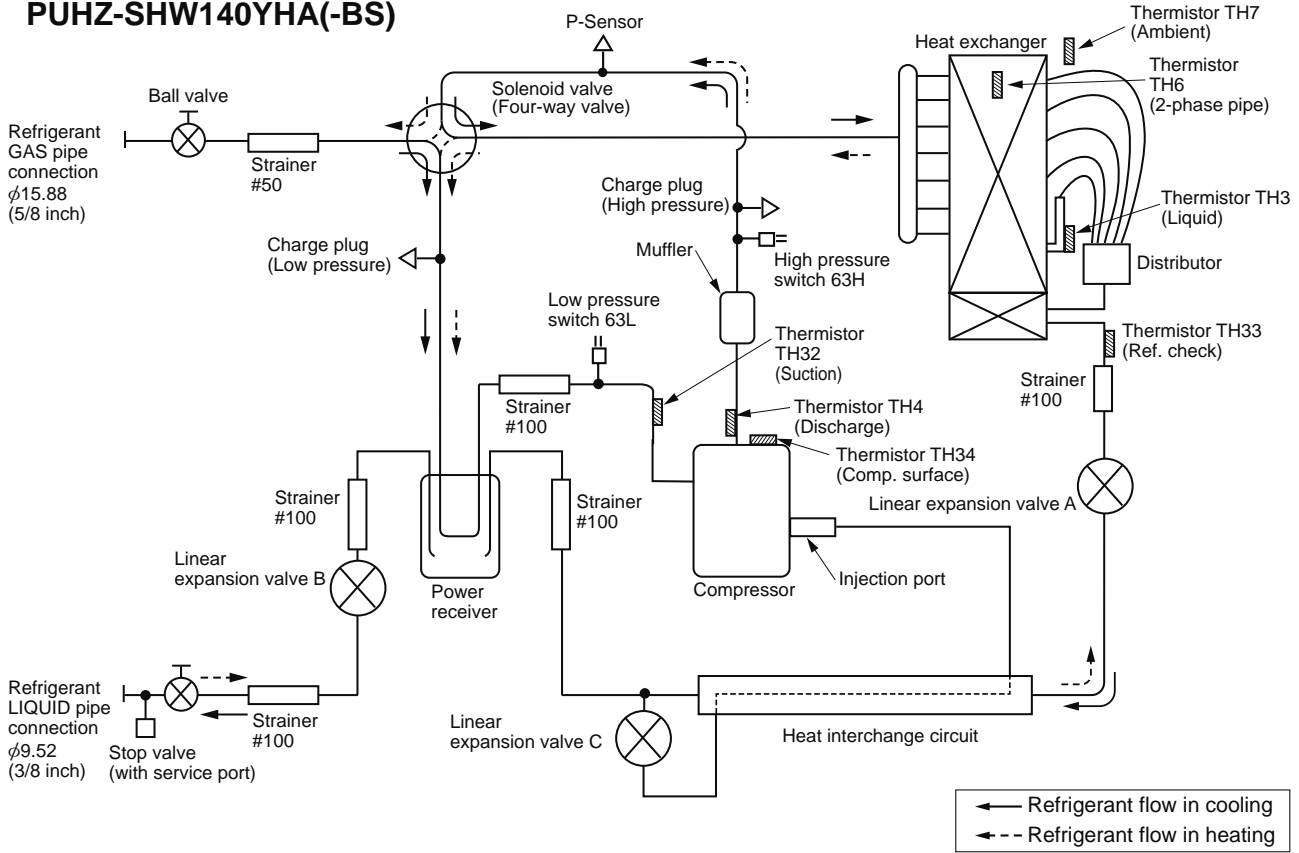
1. PUAZ-SHW•HA PUAZ-SHW•KA2

PUAZ-SHW112VHA(-BS)

PUAZ-SHW112YHA(-BS)

PUAZ-SHW140YHA(-BS)

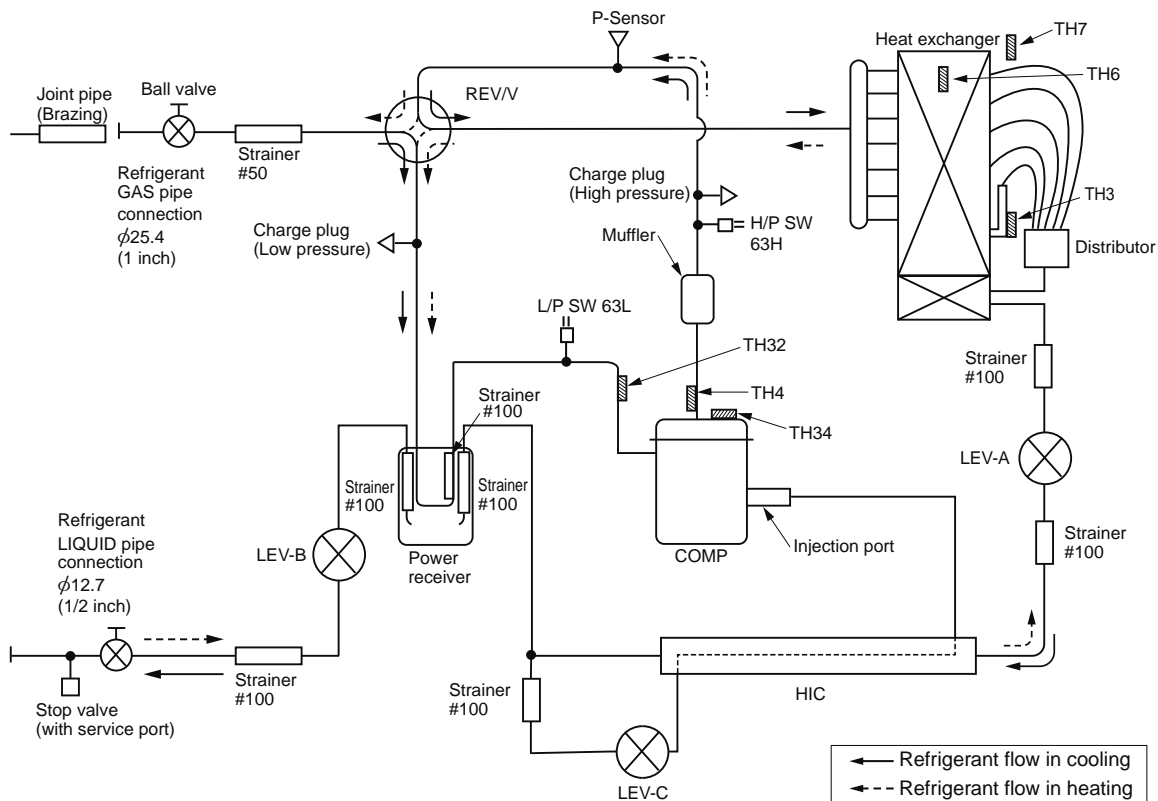
Unit: mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUAZ-SHW230YKA2

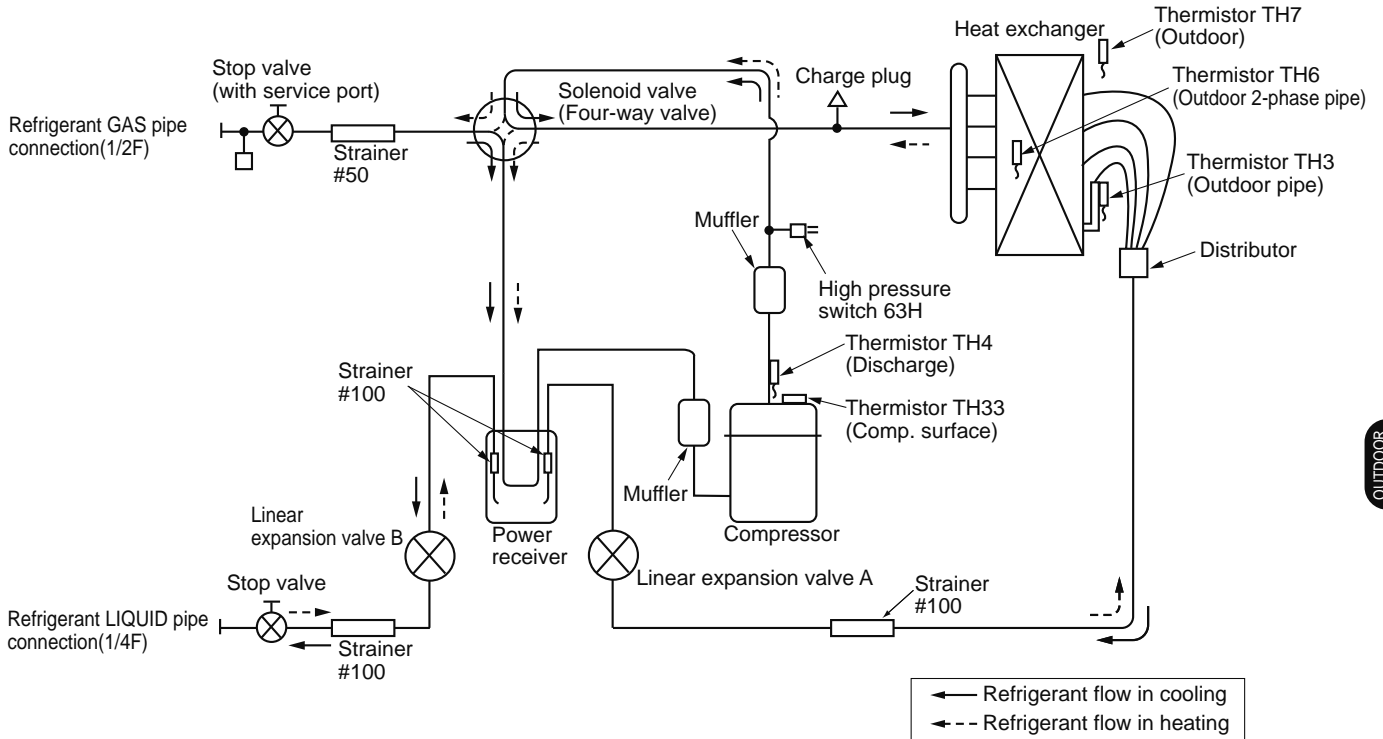
Unit : mm



2. PUAZ-ZRP•HA2,KA2(3)

PUAZ-ZRP35VKA2
PUAZ-ZRP50VKA2

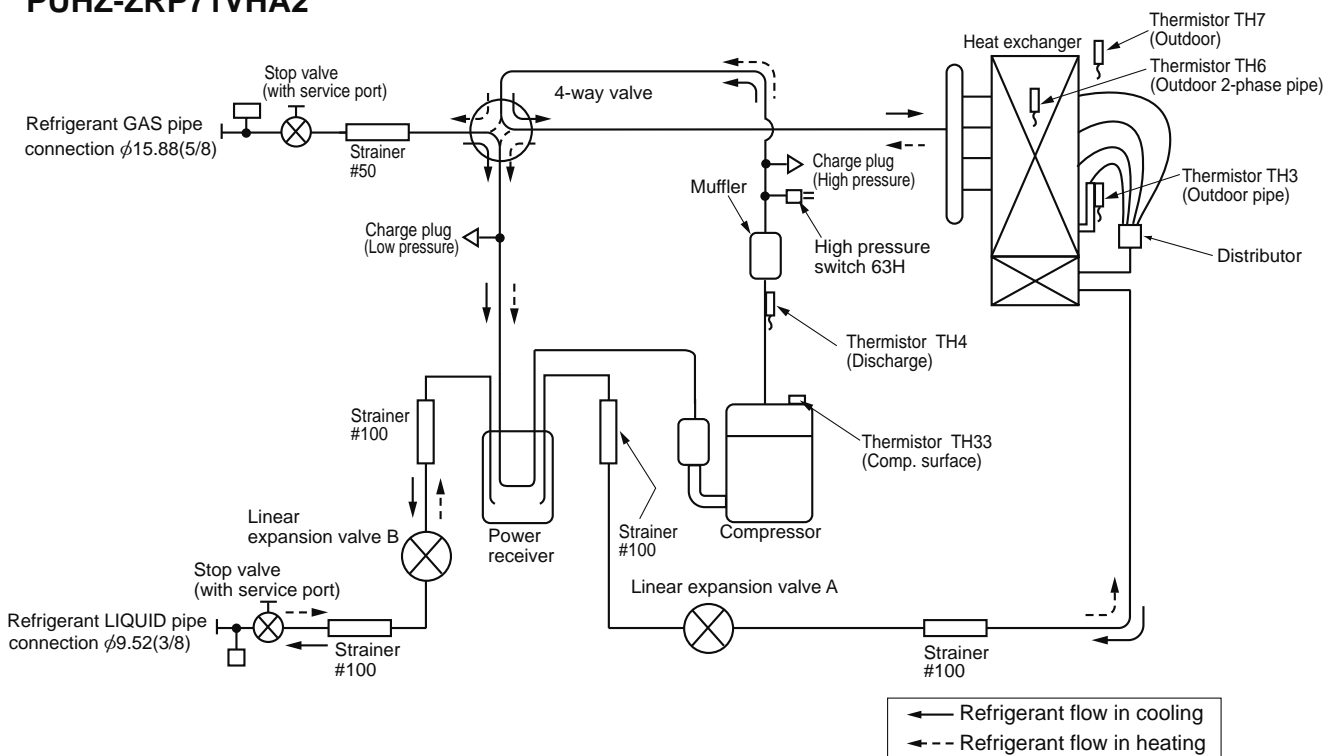
Unit: mm



OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

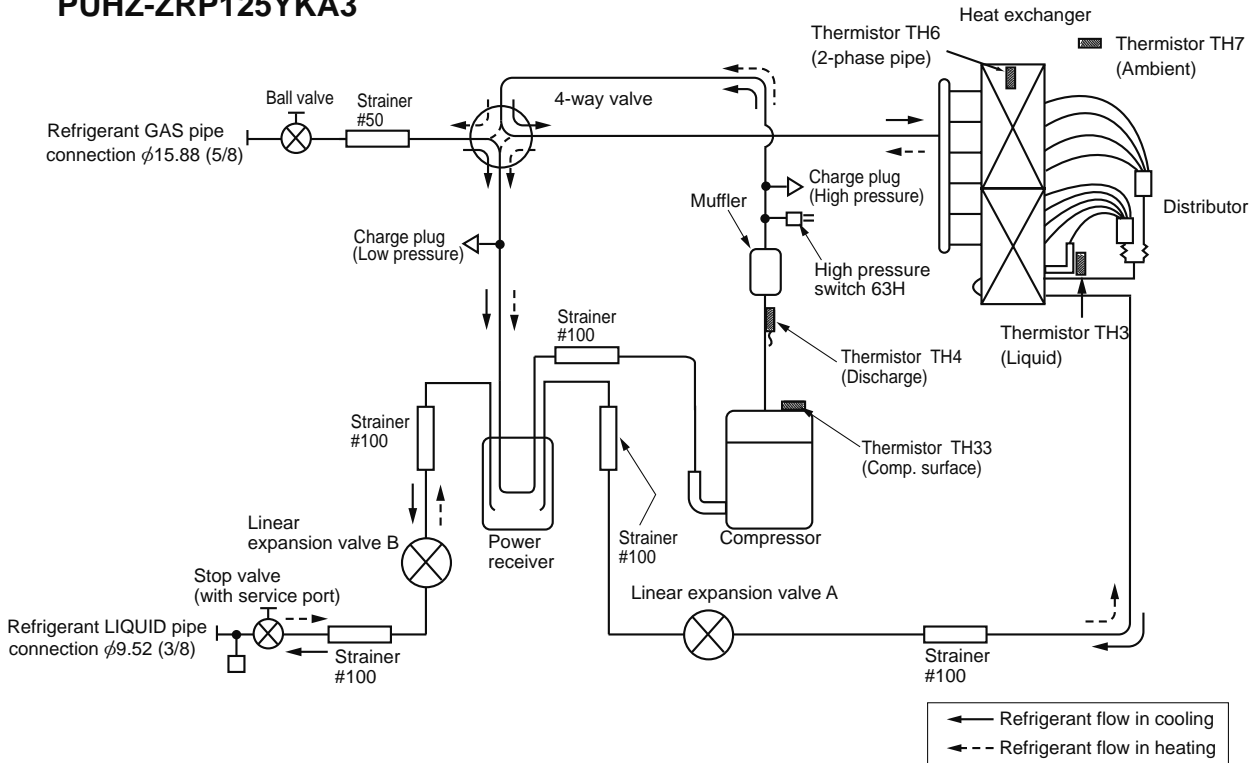
PUAZ-ZRP60VHA2
PUAZ-ZRP71VHA2

Unit : mm



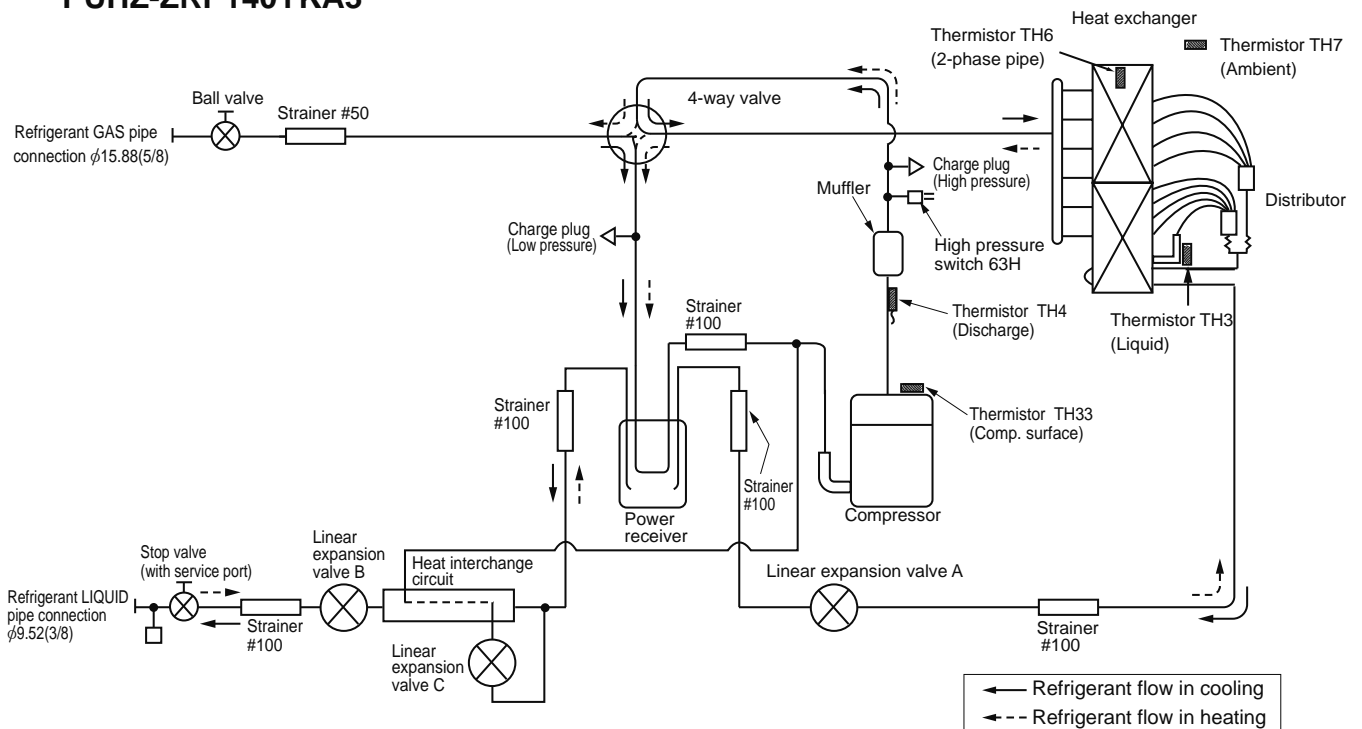
PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3

Unit: mm



PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3

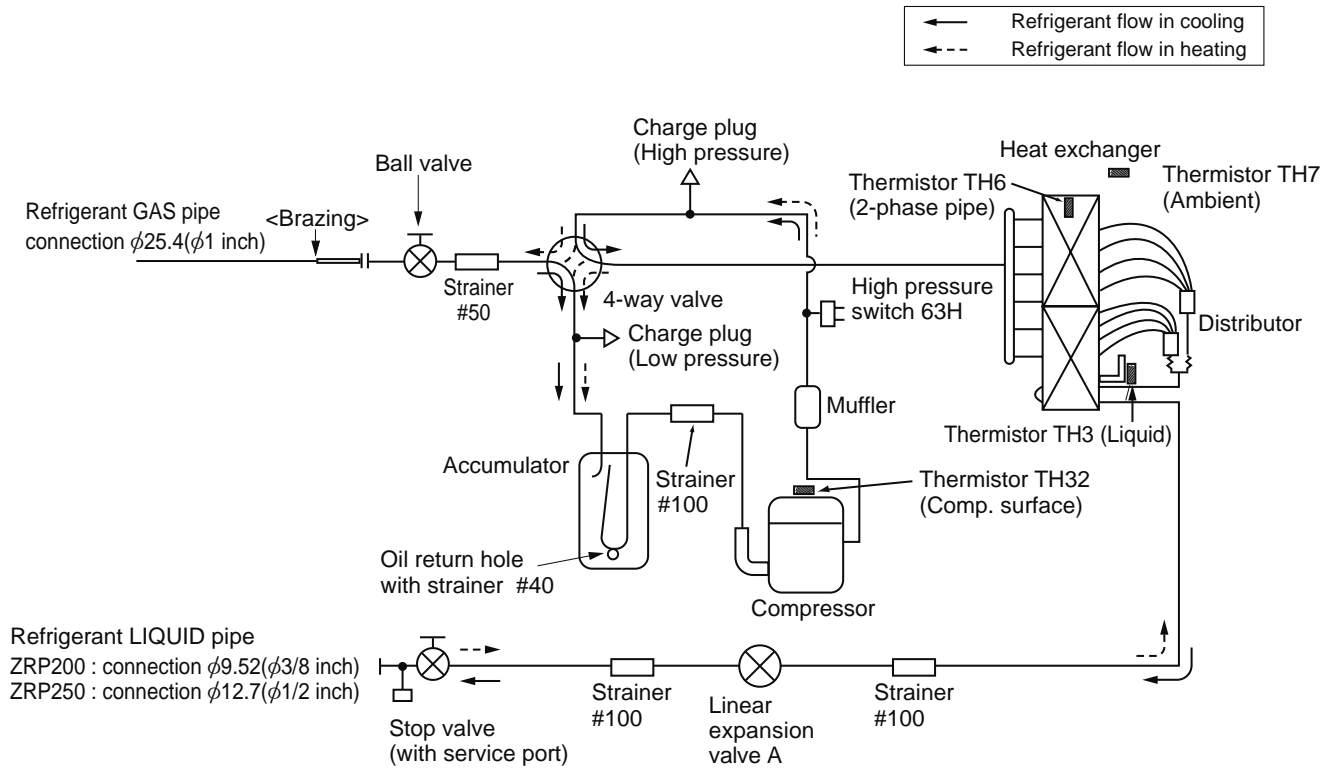
Unit : mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

PUHZ-ZRP200YKA3
PUHZ-ZRP250YKA3

Unit: mm



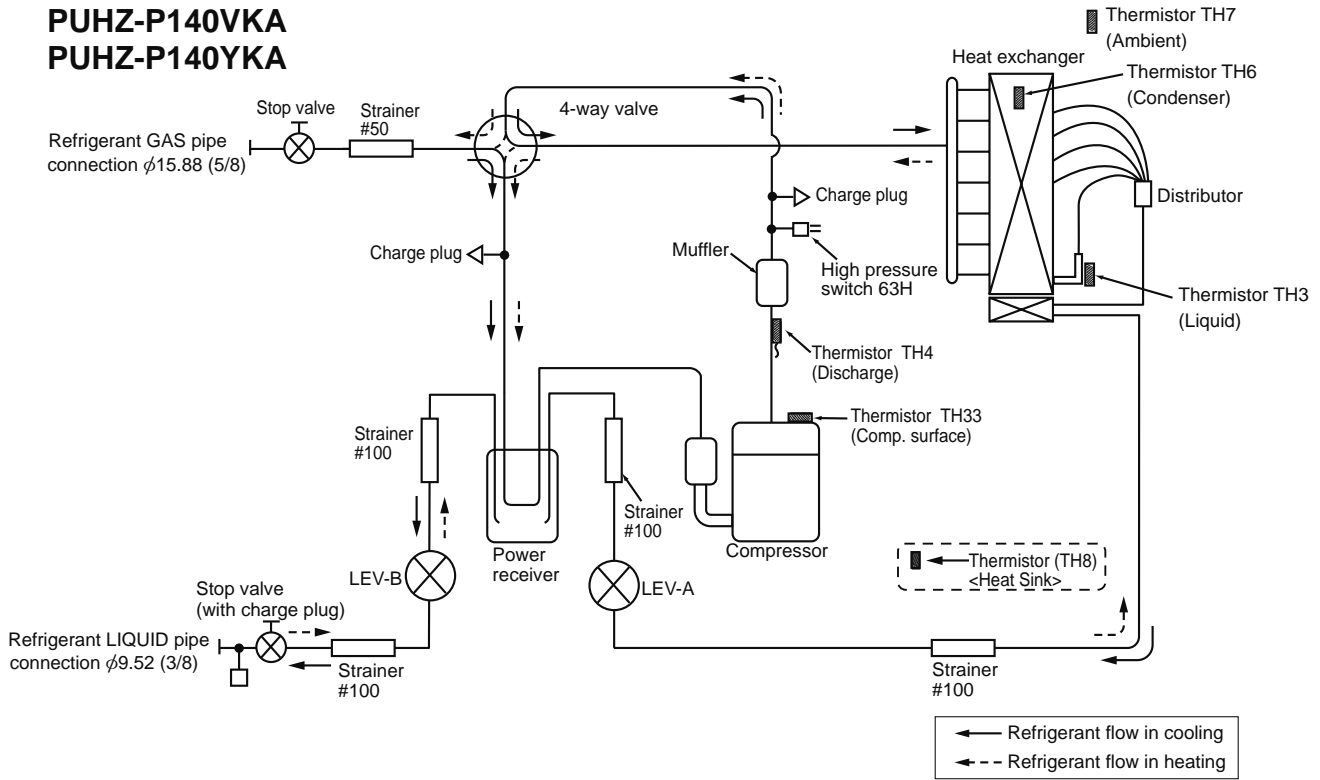
OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

3. PUHZ-P•KA

- PUHZ-P100VKA
- PUHZ-P100YKA
- PUHZ-P125VKA
- PUHZ-P125YKA
- PUHZ-P140VKA
- PUHZ-P140YKA

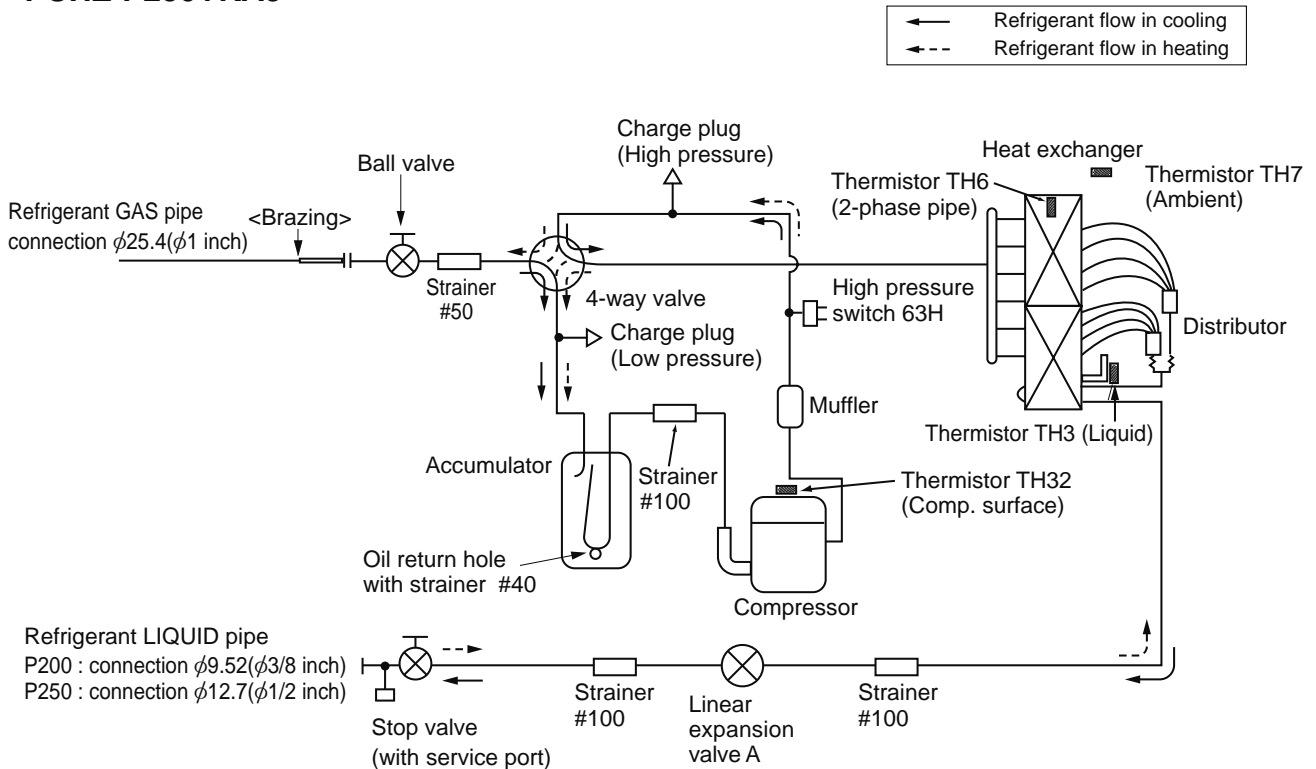
Unit: mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

- PUHZ-P200YKA3
- PUHZ-P250YKA3

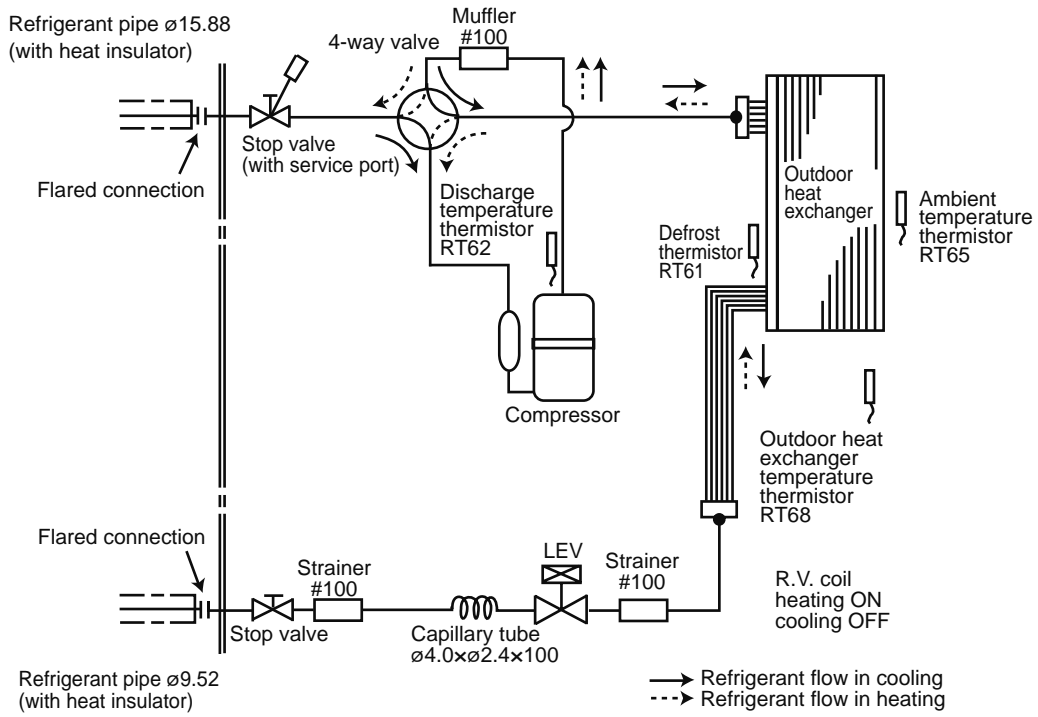
Unit : mm



4. SUZ-SA•VA

SUZ-SA71VHA3
SUZ-SA100VA2

Unit: mm



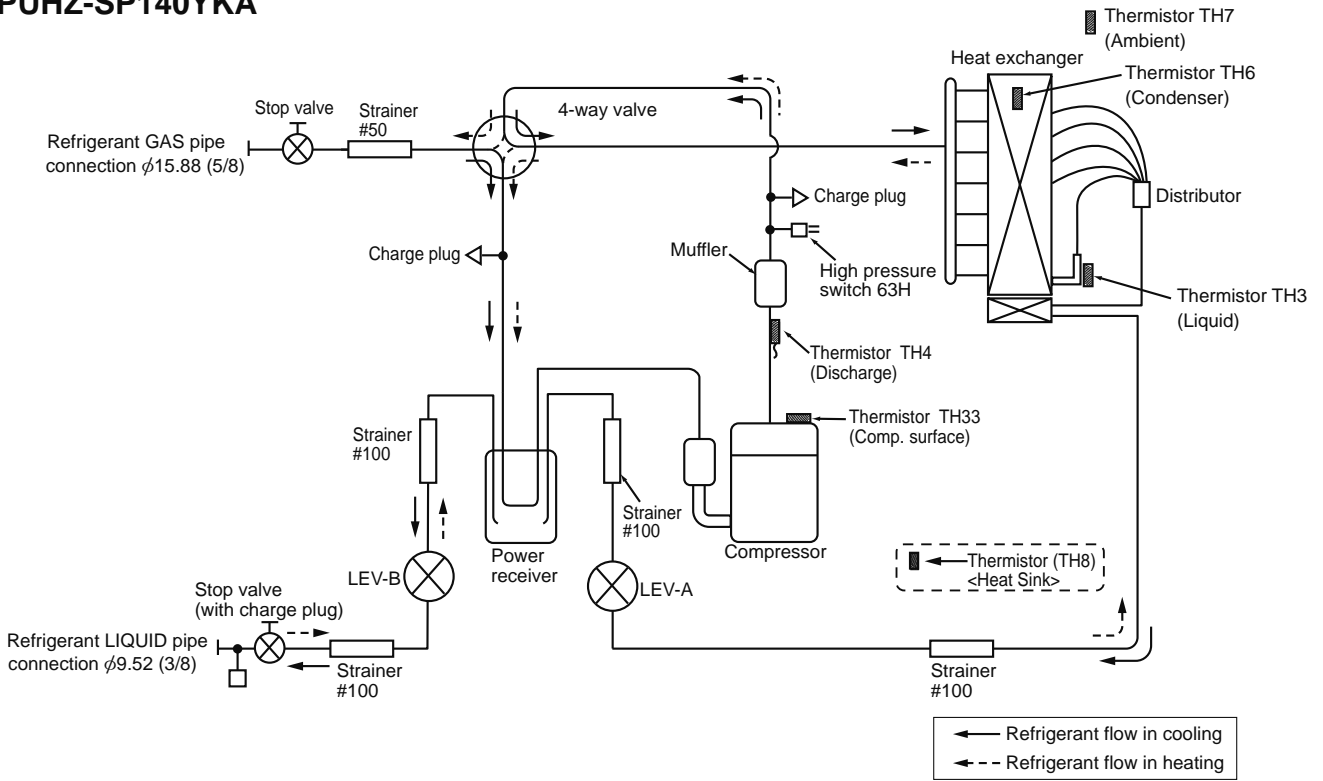
OUTDOOR UNIT

REFRIGERANT SYSTEM DIAGRAM

5. PUHZ-SP•KA

PUHZ-SP100YKA
 PUHZ-SP125VKA
 PUHZ-SP125YKA
 PUHZ-SP140VKA
 PUHZ-SP140YKA

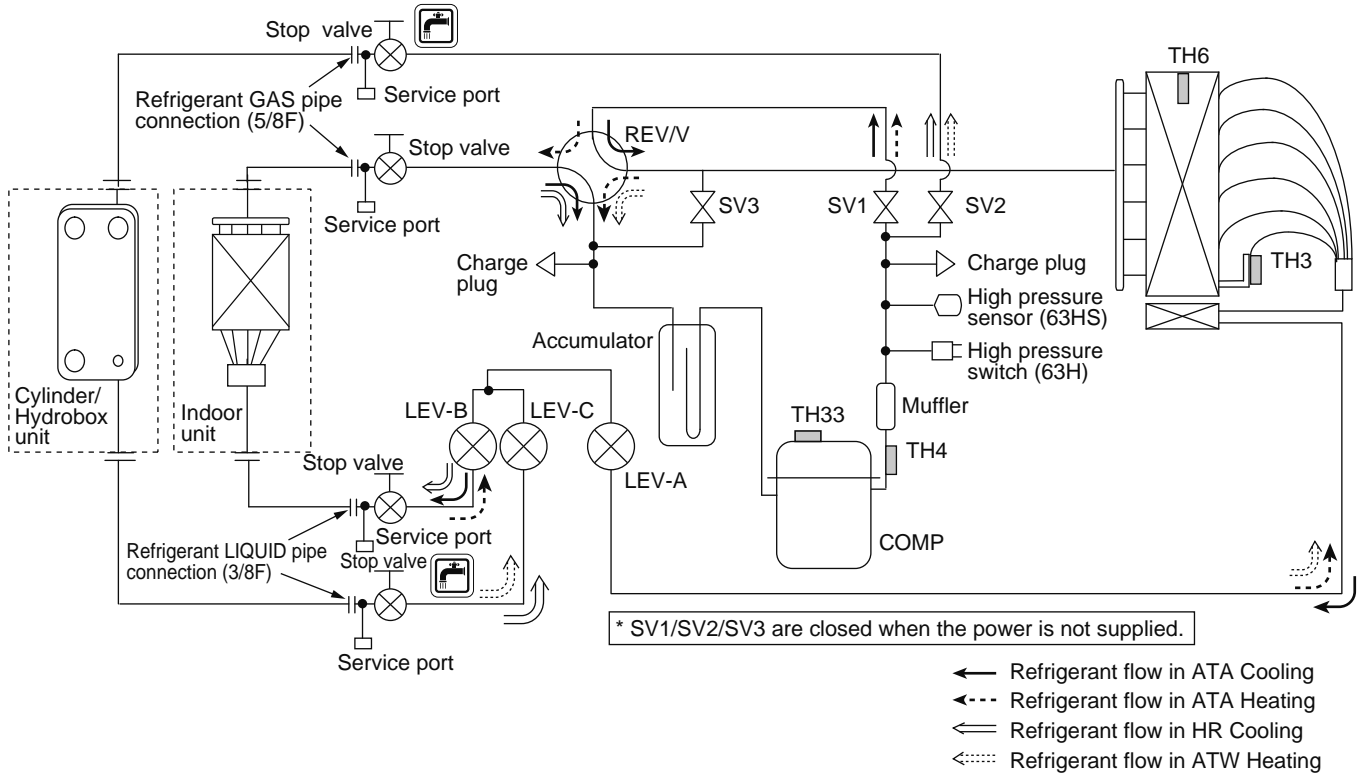
Unit: mm



OUTDOOR UNIT REFRIGERANT SYSTEM DIAGRAM

6. PUHZ-FRP71VHA2

Unit: mm



OUTDOOR UNIT
REFRIGERANT SYSTEM DIAGRAM

A.8.4 PERFORMANCE CURVES

A.8.4.1 R32 type [Without the optional Air protect guide]

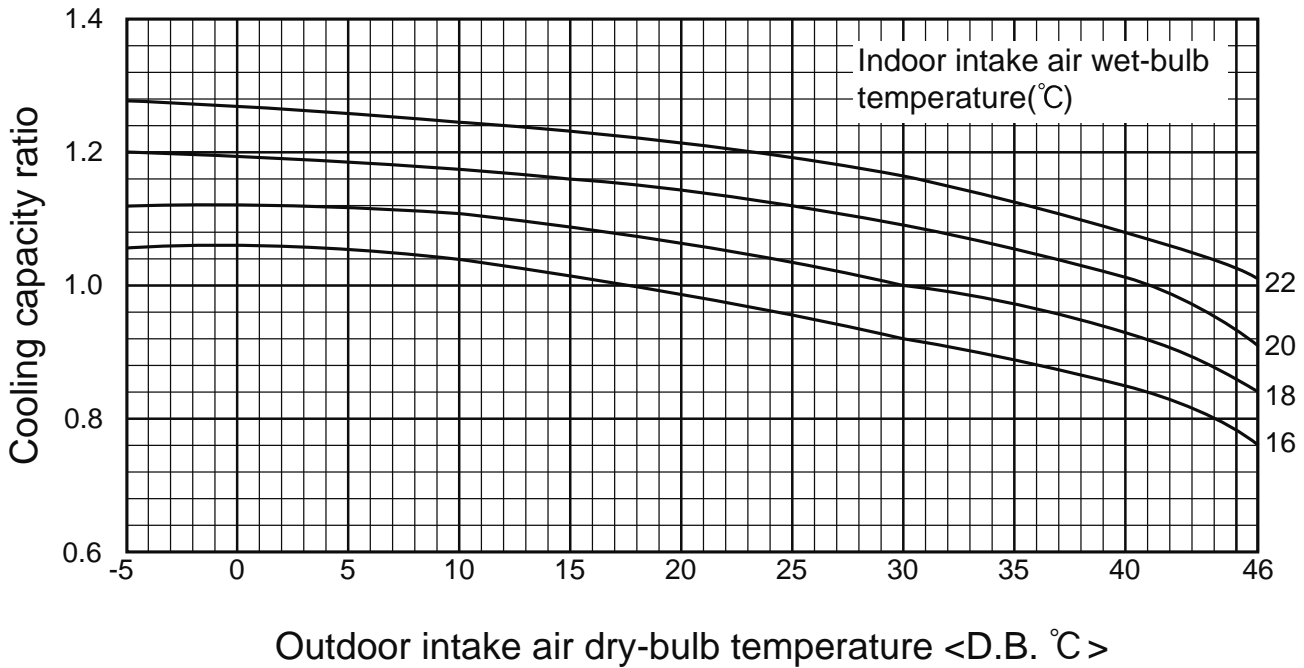
1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]

PUZ-ZM35VKA2
 PUZ-ZM50VKA2
 PUZ-ZM60VHA2
 PUZ-ZM71VHA2

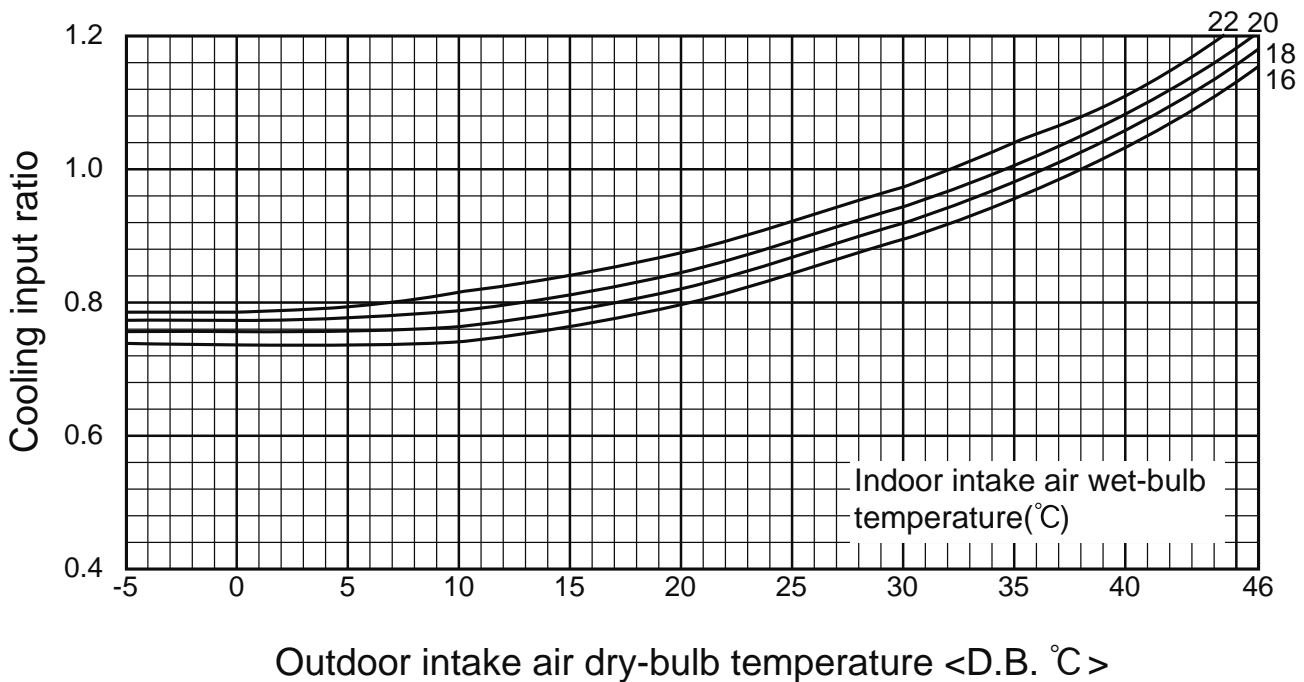
PUZ-ZM100VKA2
 PUZ-ZM125VKA2
 PUZ-ZM140VKA2

PUZ-ZM100YKA2
 PUZ-ZM125YKA2
 PUZ-ZM140YKA2

Cooling capacity



Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

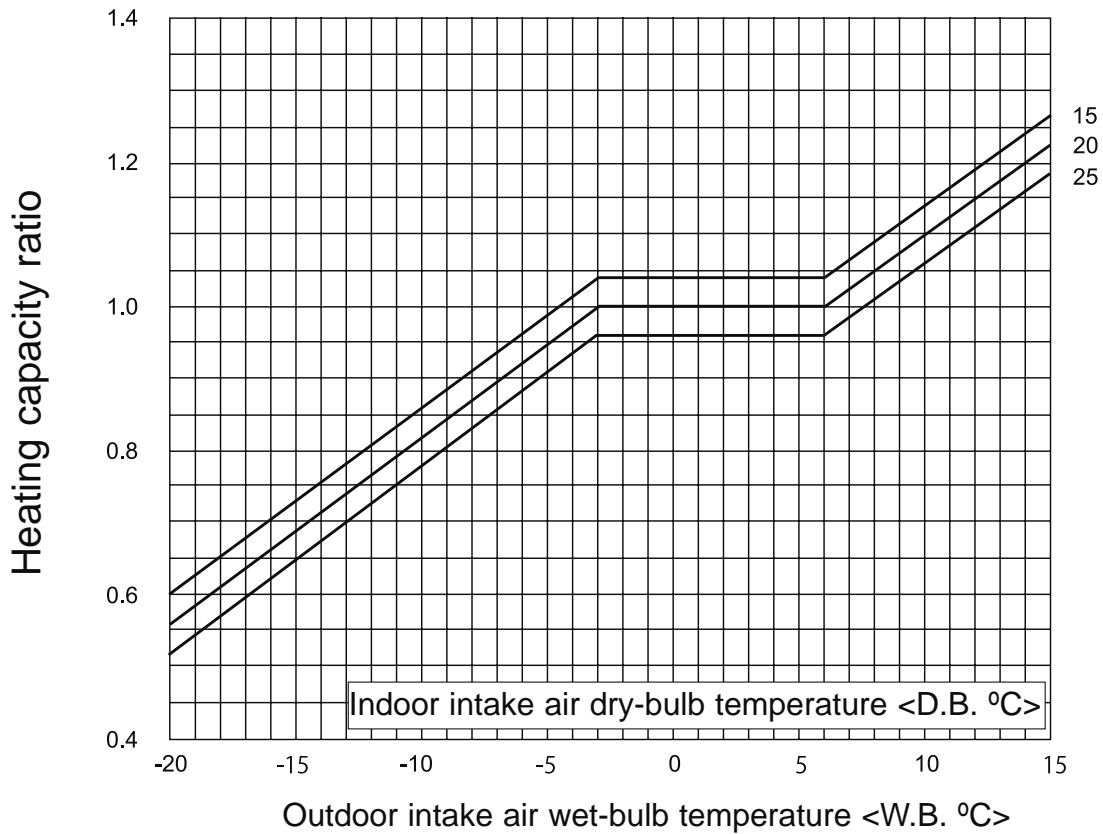
OUTDOOR UNIT PERFORMANCE CURVES

PUZ-ZM35VKA2
 PUZ-ZM50VKA2
 PUZ-ZM60VHA2
 PUZ-ZM71VHA2

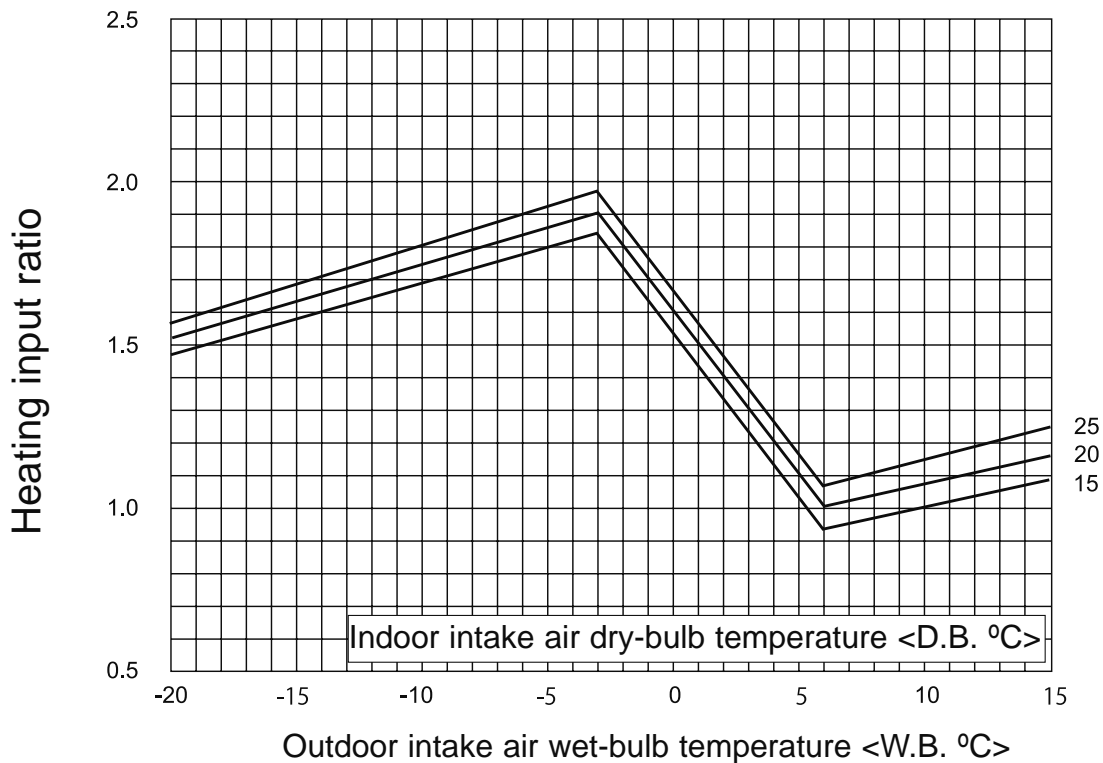
PUZ-ZM100VKA2
 PUZ-ZM125VKA2
 PUZ-ZM140VKA2

PUZ-ZM100YKA2
 PUZ-ZM125YKA2
 PUZ-ZM140YKA2

Heating capacity



Heating input



OUTDOOR UNIT PERFORMANCE CURVES

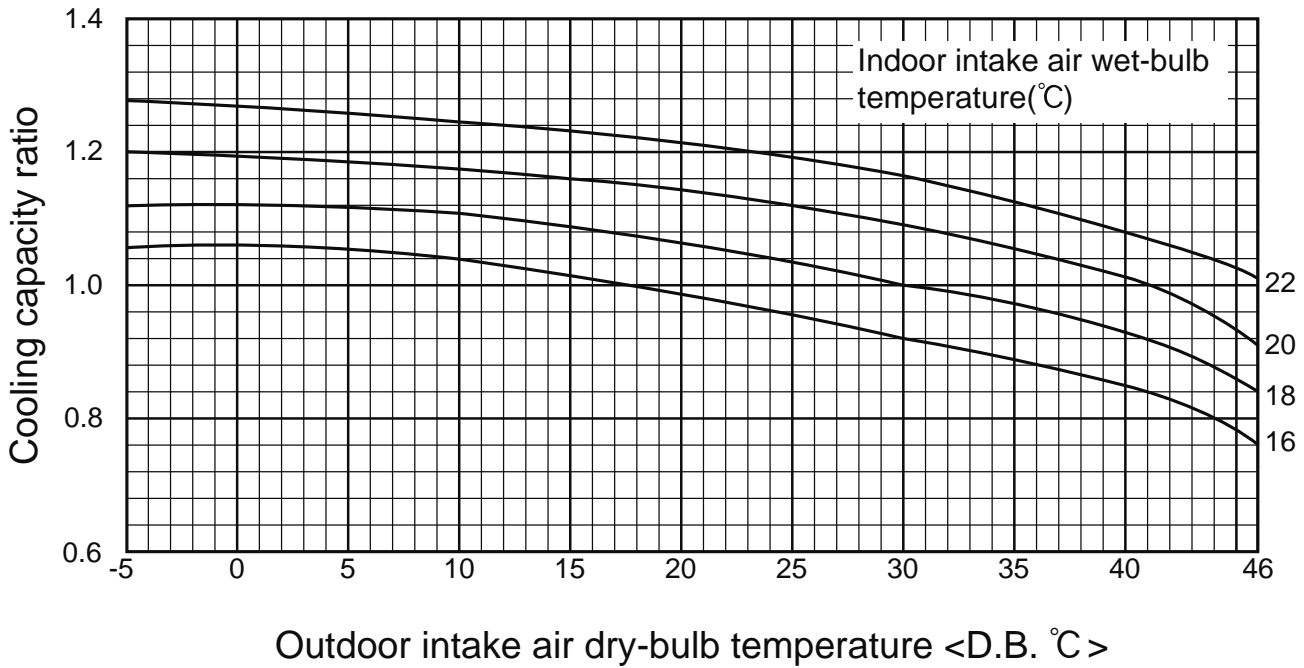
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M125VKA2
PUZ-M140VKA2

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

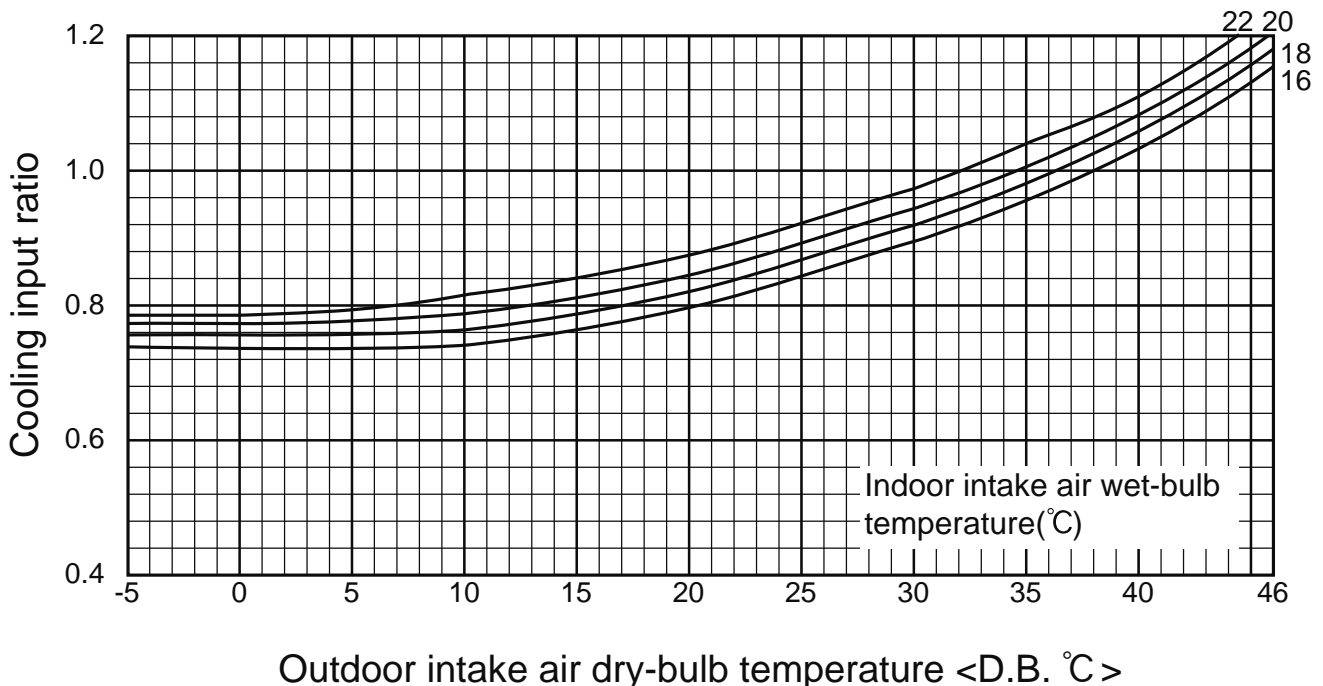
PUZ-SM100VKA
PUZ-SM125VKA
PUZ-SM140VKA
PUZ-SM100YKA
PUZ-SM125YKA
PUZ-SM140YKA

Cooling capacity



OUTDOOR UNIT PERFORMANCE CURVES

Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

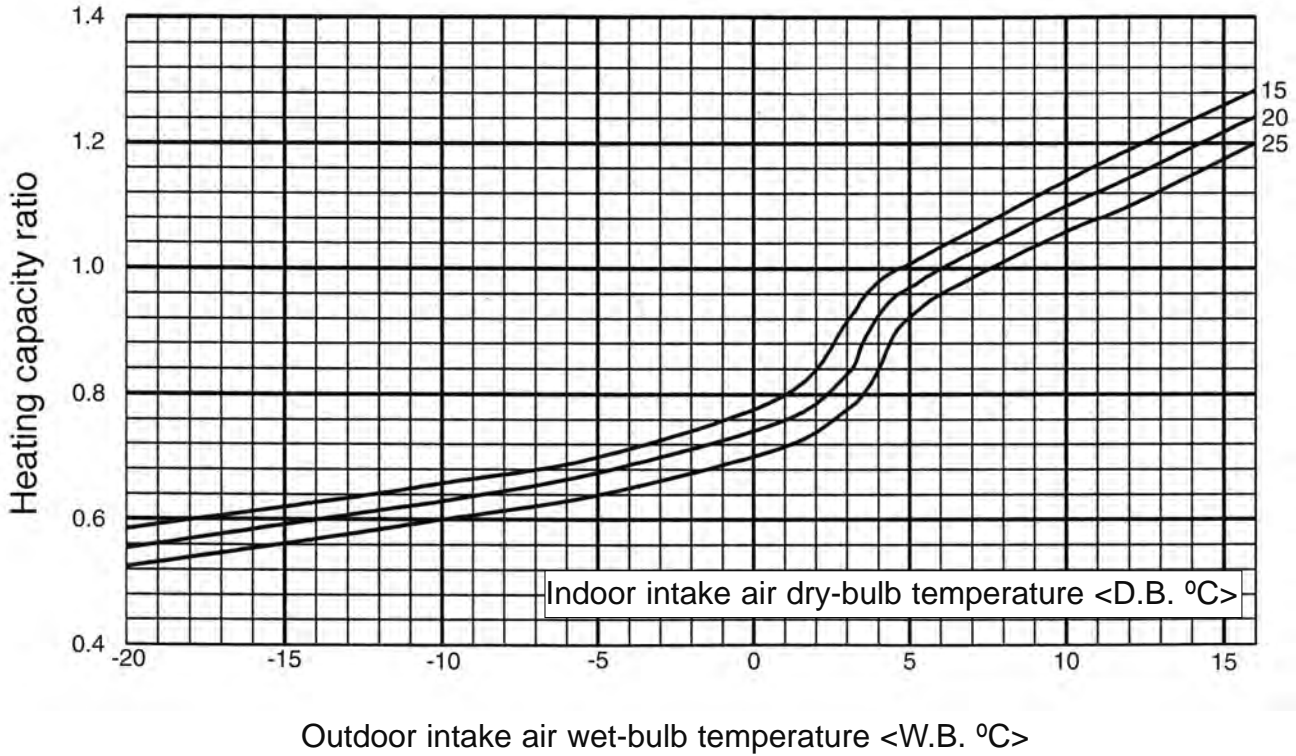
PUZ-ZM200YKA2
PUZ-ZM250YKA2

PUZ-M100VKA2
PUZ-M125VKA2
PUZ-M140VKA2

PUZ-M100YKA2
PUZ-M125YKA2
PUZ-M140YKA2
PUZ-M200YKA2
PUZ-M250YKA2

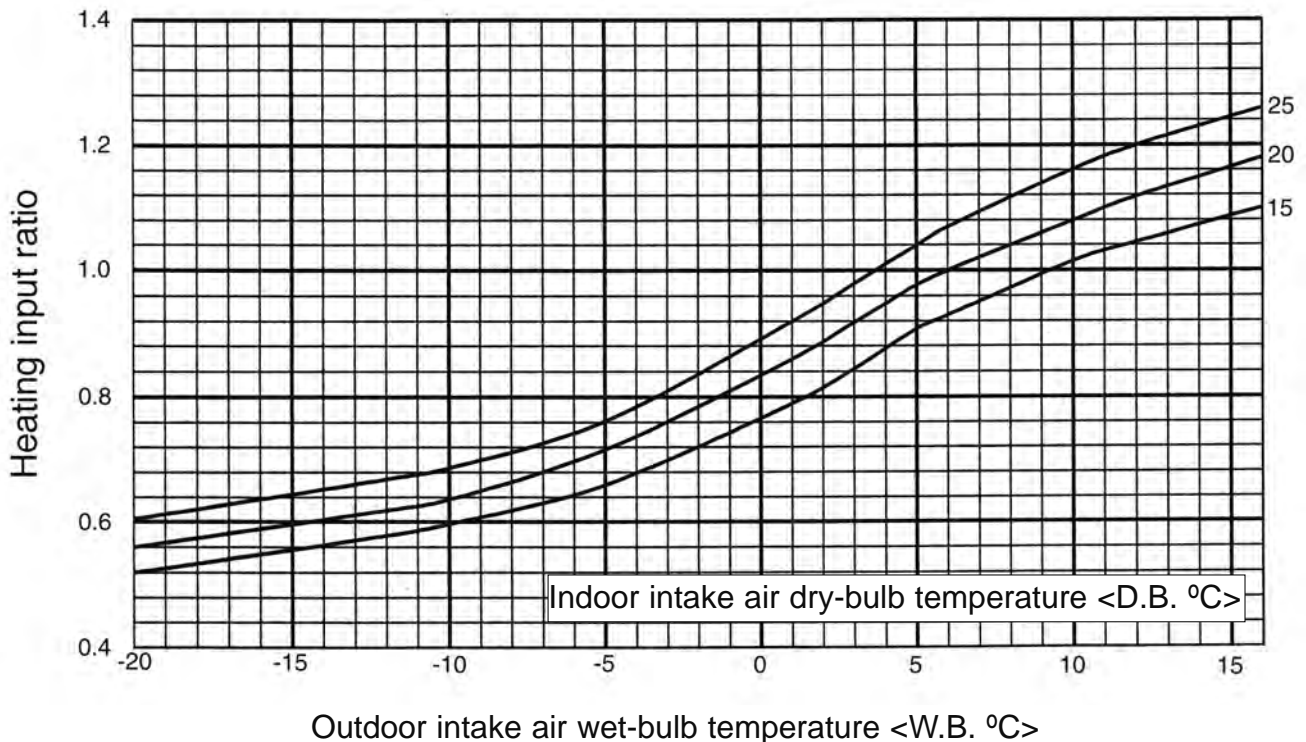
PUZ-SM100VKA
PUZ-SM125VKA
PUZ-SM140VKA
PUZ-SM100YKA
PUZ-SM125YKA
PUZ-SM140YKA

Heating capacity



OUTDOOR UNIT
PERFORMANCE CURVES

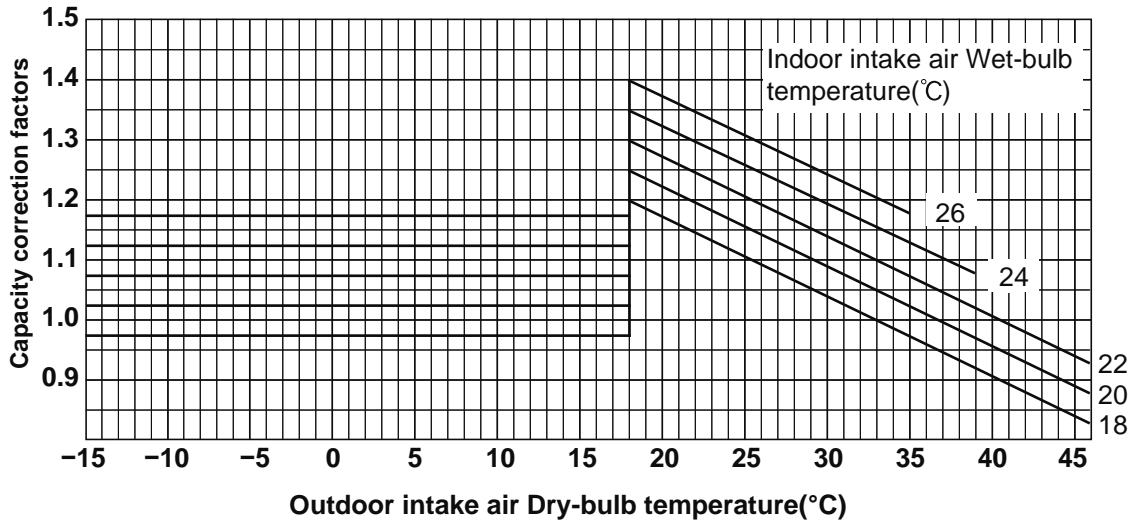
Heating input



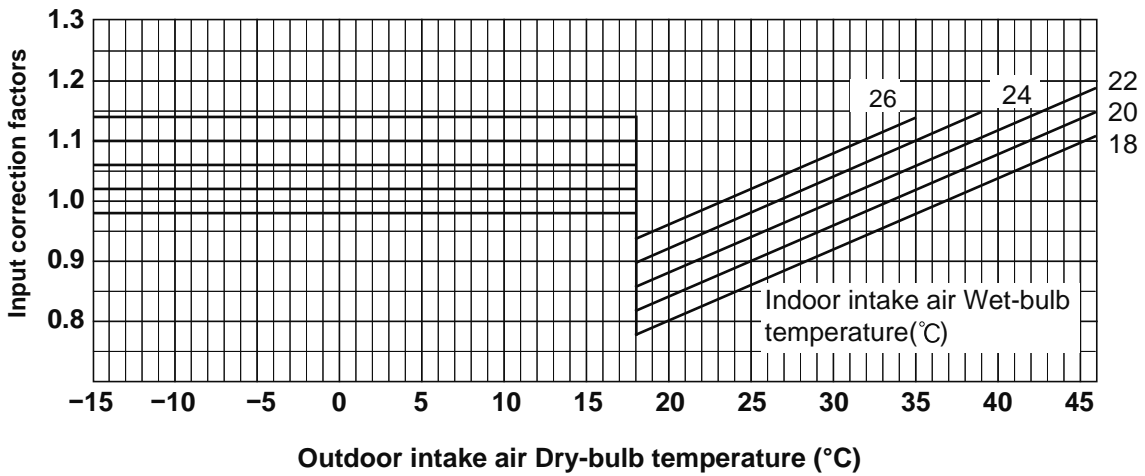
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

**FOR THE COMBINATION OF OUTDOOR UNIT
SUZ-SM35VA SUZ-SM50VA SUZ-SM60VA SUZ-SM71VA**

Cooling capacity



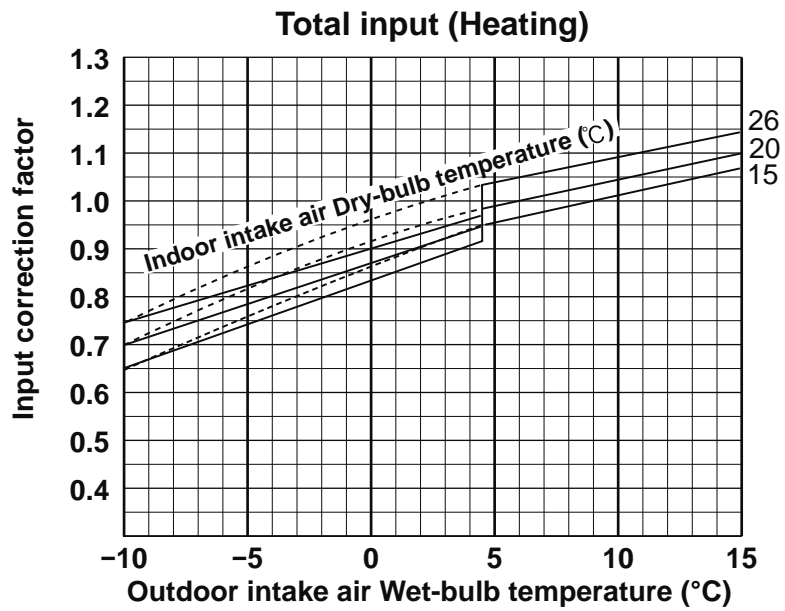
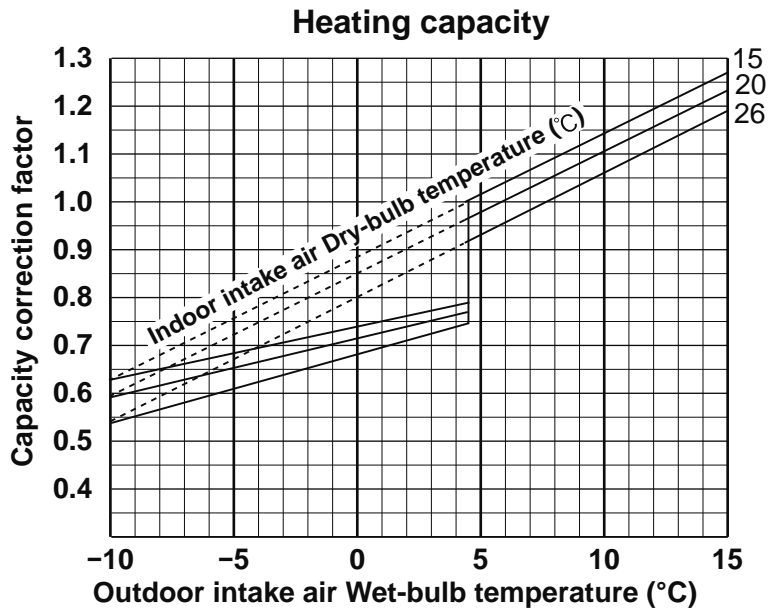
Total input (Cooling)



Lower limit of guaranteed operating range in cooling
 SUZ-SM35VA : -10°C
 SUZ-SM50, 60, 71VA: -15°C

OUTDOOR UNIT PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT
 SUZ-SM35VA SUZ-SM50VA SUZ-SM60VA SUZ-SM71VA



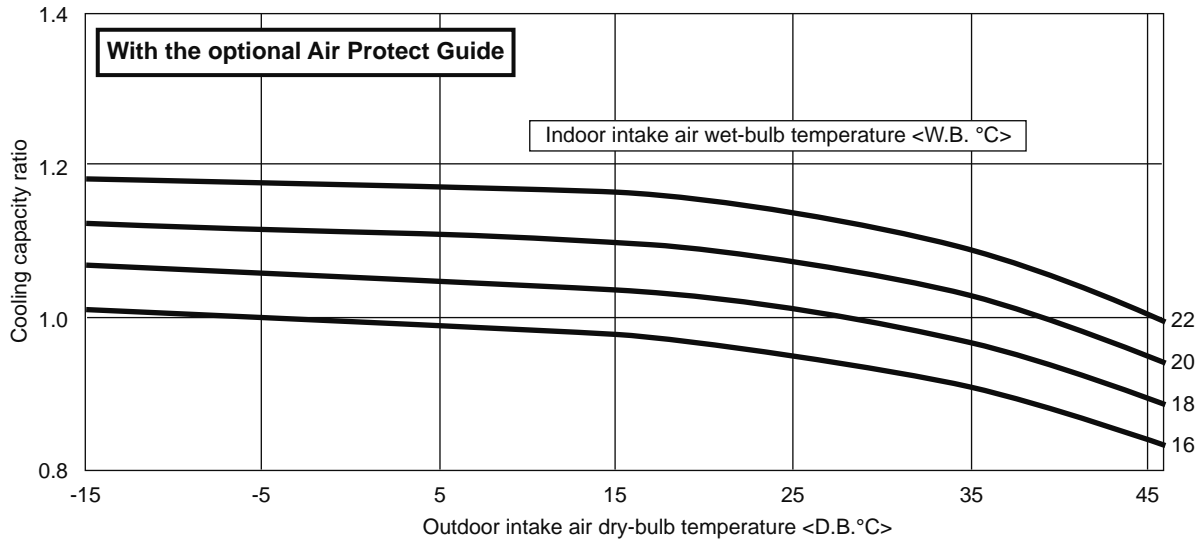
OUTDOOR UNIT

PERFORMANCE CURVES

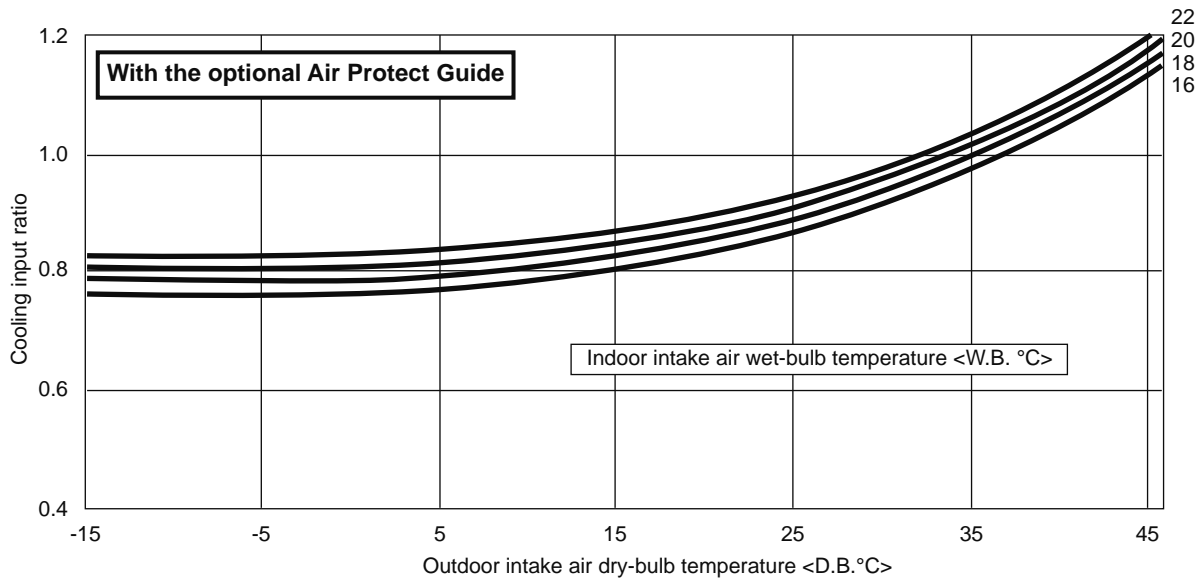
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



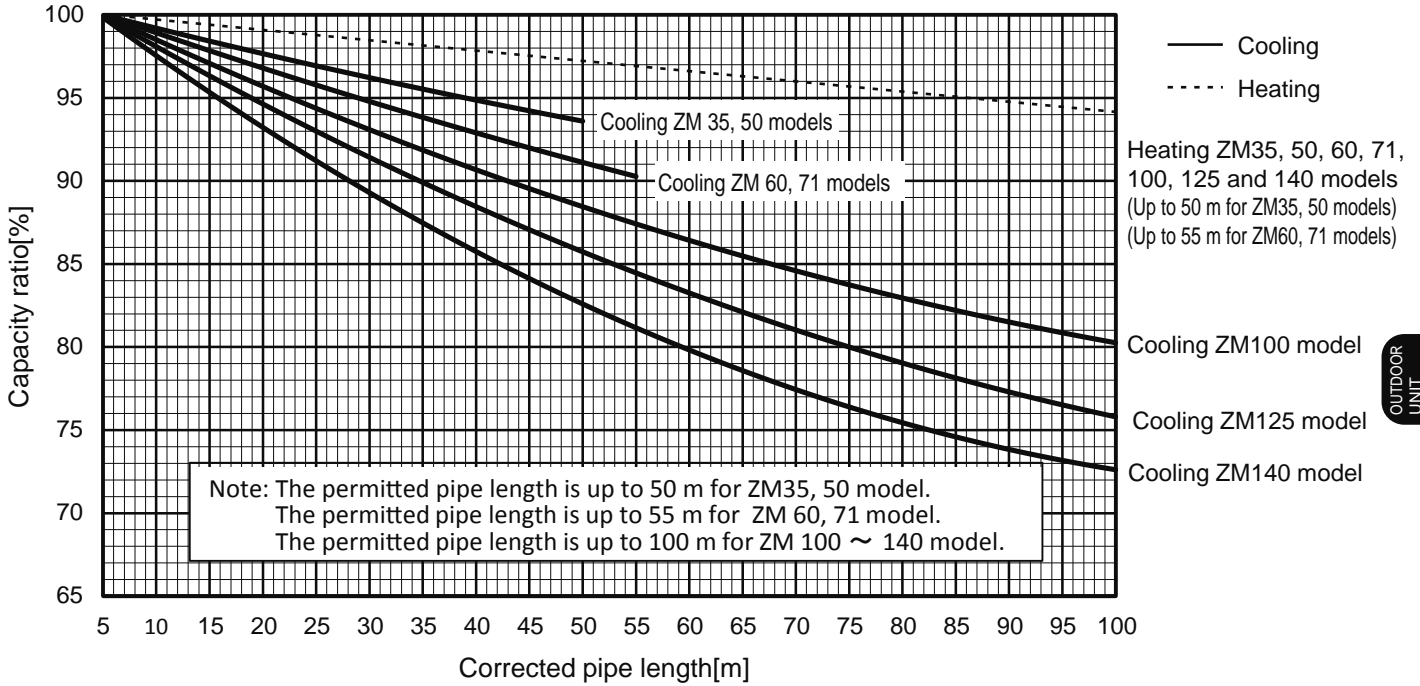
Cooling input



Applicable Models	Optional parts name	Optional parts No.	See page
PUZ-ZM35, 50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	E-262
PUZ-ZM60, 71		PAC-SH63AG-E	E-264
PUZ-ZM100, 125, 140, 200, 250 PUZ-M100, 125, 140, 200, 250 PUZ-SM100, 125, 140		PAC-SH95AG-E	E-267

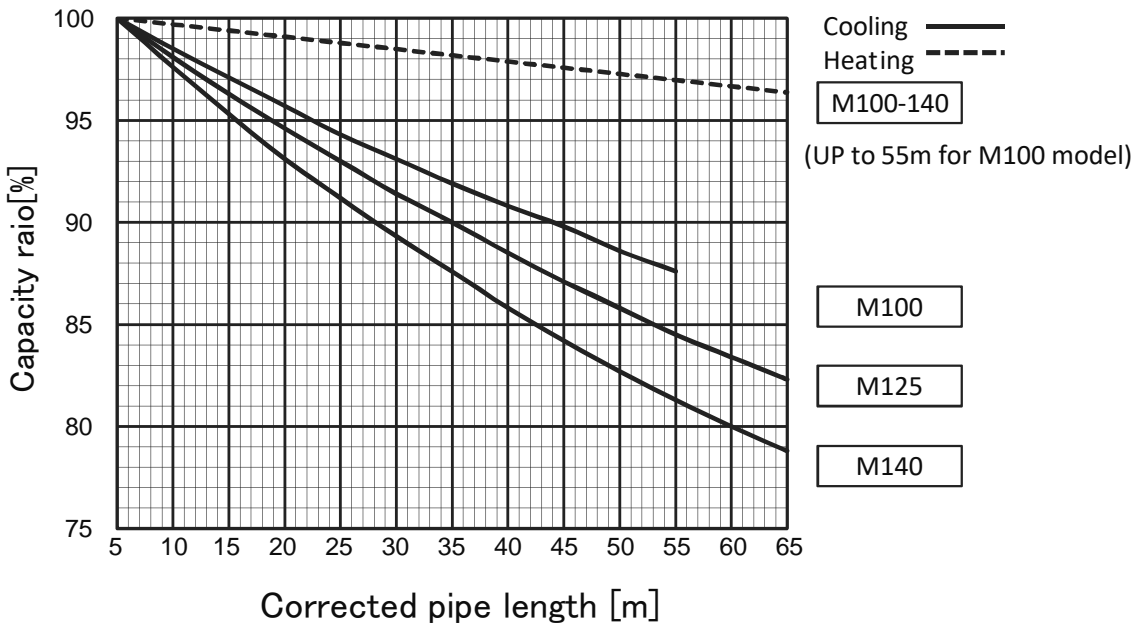
3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

PUZ-ZM35VKA2 PUZ-ZM100VKA2 PUZ-ZM140VKA2
 PUZ-ZM50VKA2 PUZ-ZM100YKA2 PUZ-ZM140YKA2
 PUZ-ZM60VHA2 PUZ-ZM125VKA2
 PUZ-ZM71VHA2 PUZ-ZM125YKA2

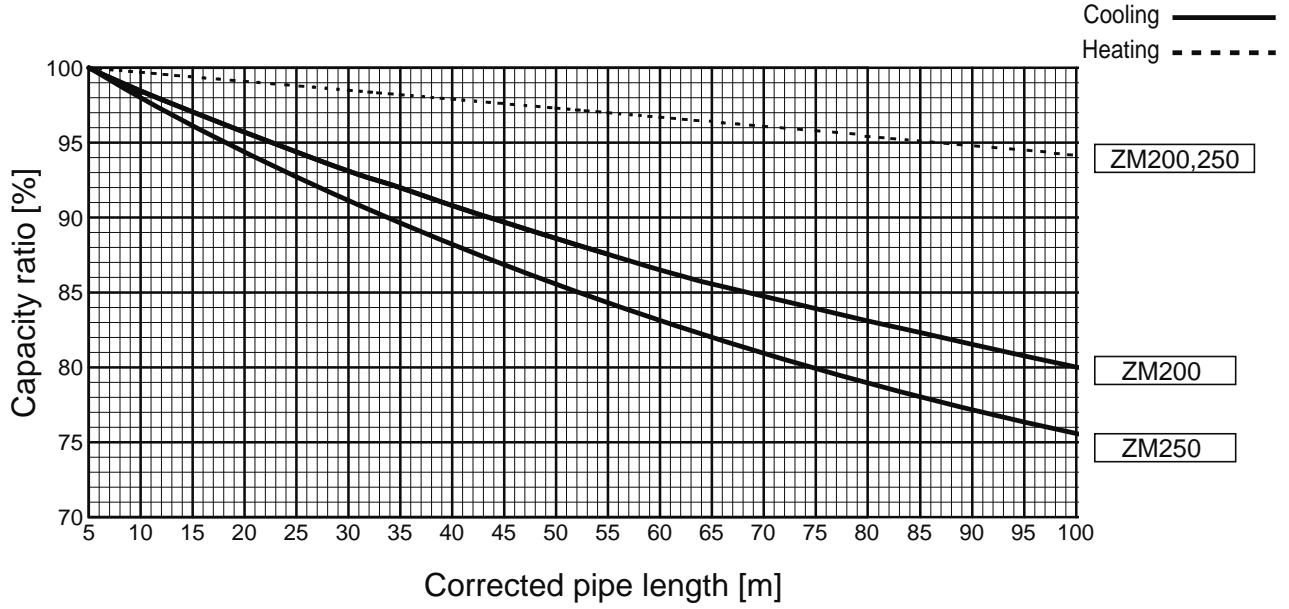


OUTDOOR UNIT PERFORMANCE CURVES

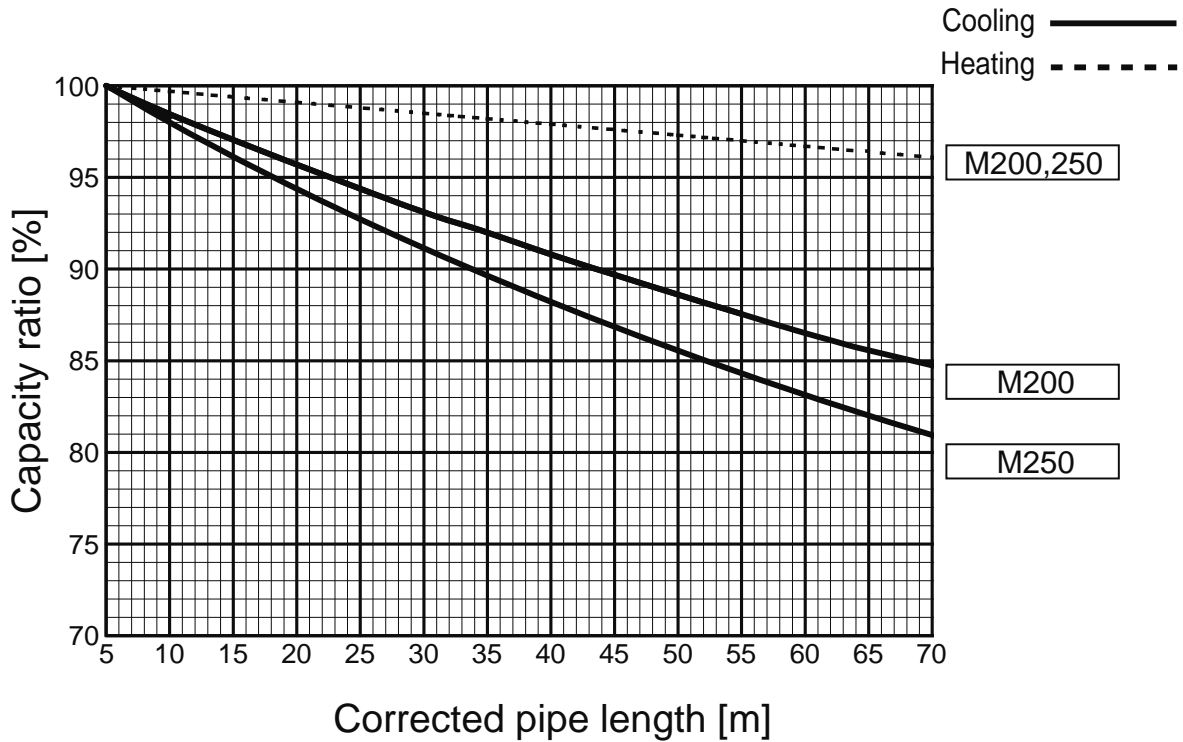
PUZ-M100VKA2 PUZ-M140VKA2
 PUZ-M100YKA2 PUZ-M140YKA2
 PUZ-M125VKA2
 PUZ-M125YKA2



PUZ-ZM200YKA2
PUZ-ZM250YKA2

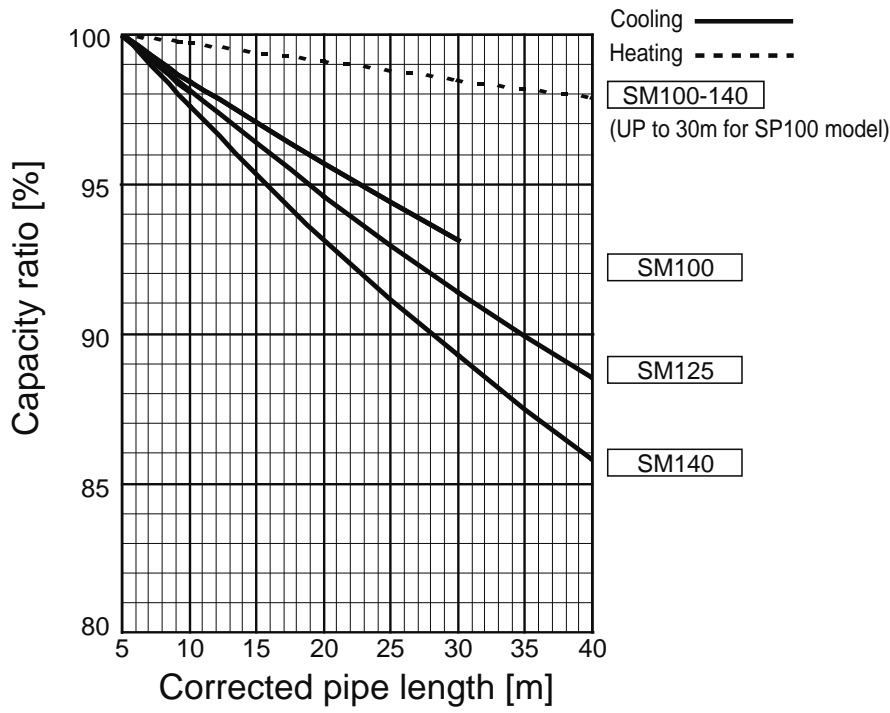


PUZ-M200YKA2
PUZ-M250YKA2



OUTDOOR UNIT PERFORMANCE CURVES

PUZ-SM100VKA
PUZ-SM100YKA
PUZ-SM125VKA
PUZ-SM125YKA
PUZ-SM140VKA
PUZ-SM140YKA

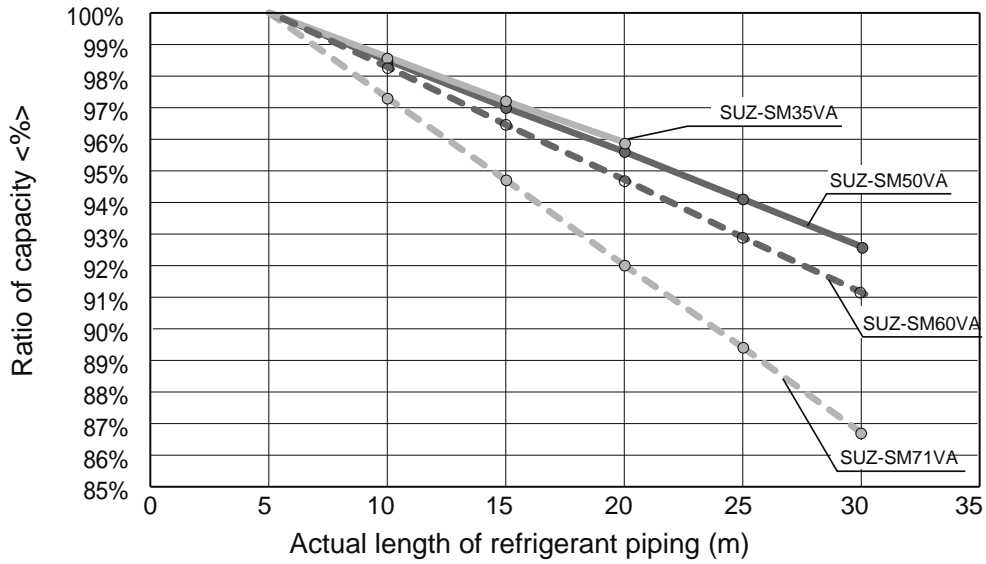


OUTDOOR UNIT

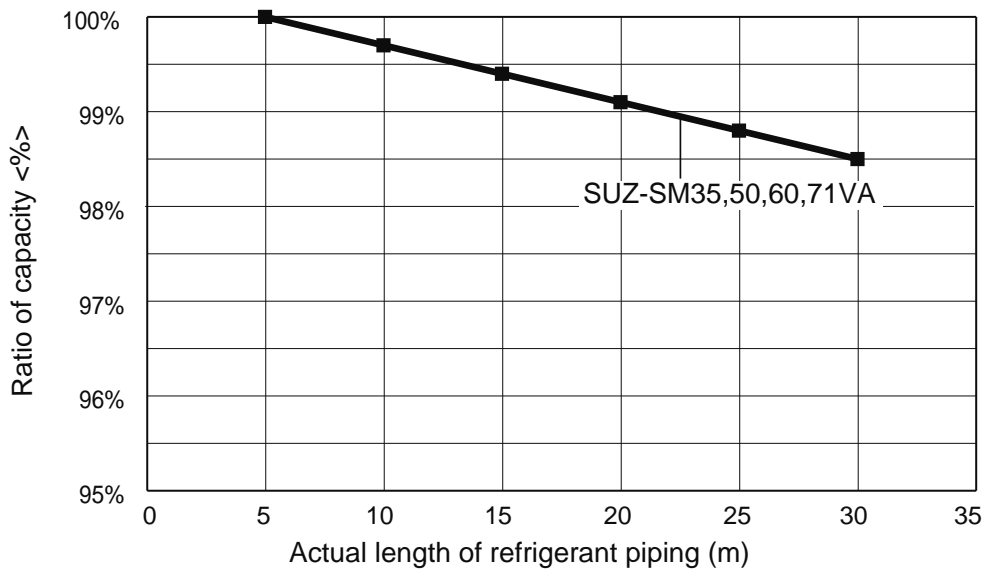
PERFORMANCE CURVES

SUZ-SM35VA
SUZ-SM50VA
SUZ-SM60VA
SUZ-SM71VA

Correction ratio of capacity according to the length of piping (cooling)



Correction ratio of capacity according to the length of piping (heating)



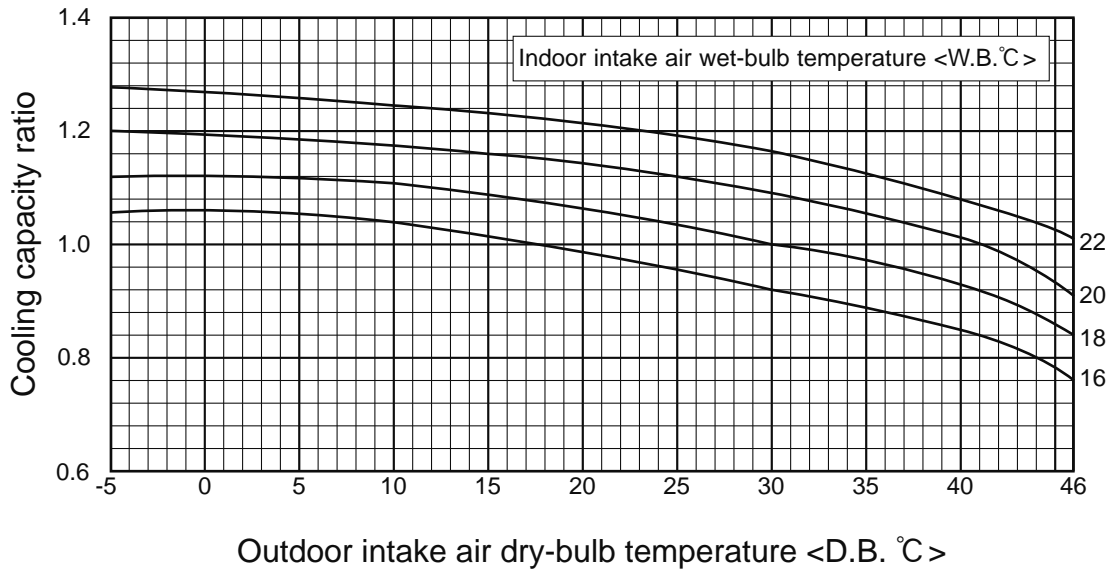
● Up to 20m for SM35model.

OUTDOOR UNIT PERFORMANCE CURVES

A.8.4.2 R410A type

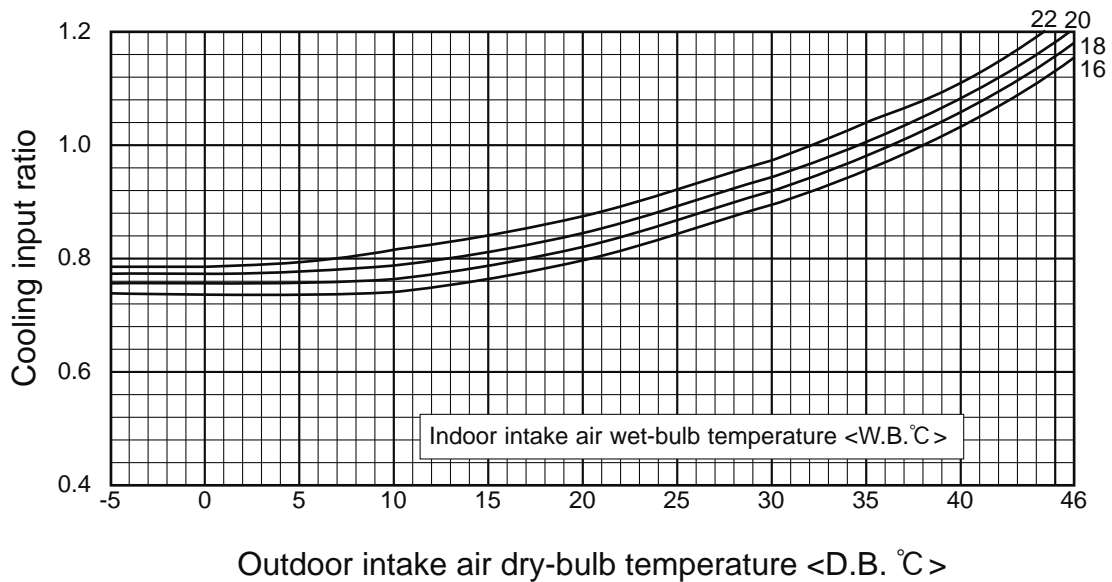
**1. INVERTER MODELS Heat pump type [Without the optional Air protect guide]
FOR THE COMBINATION OF OUTDOOR UNIT PUHZ-SHW•HA(-BS) PUHZ-SHW•KA**

Cooling capacity



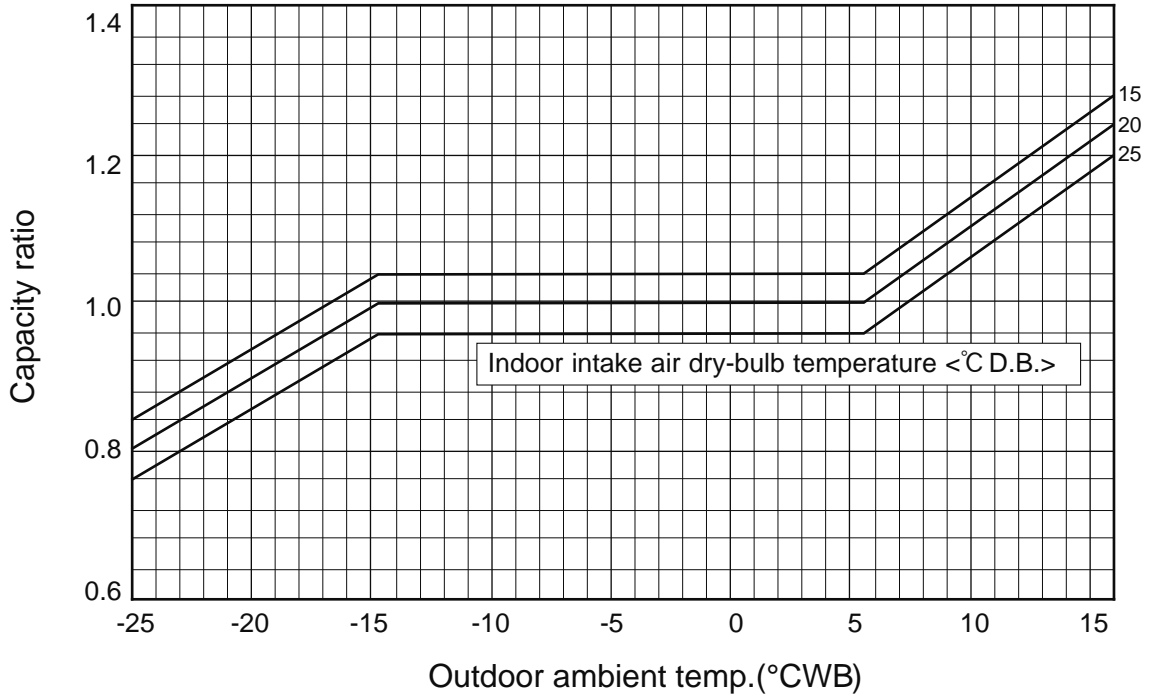
OUTDOOR UNIT
PERFORMANCE CURVES

Cooling input

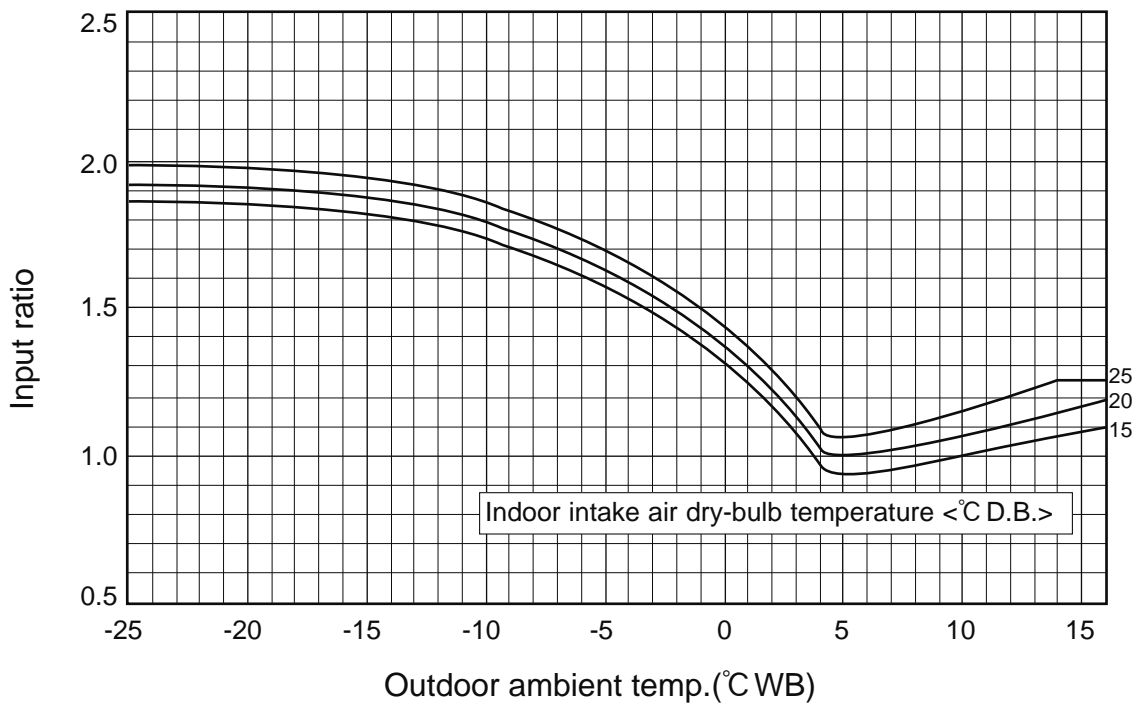


Note : This diagrams show the case where the operation frequency of a compressor is fixed.

Heating capacity



Heating input



OUTDOOR UNIT PERFORMANCE CURVES

FOR THE COMBINATION OF OUTDOOR UNIT

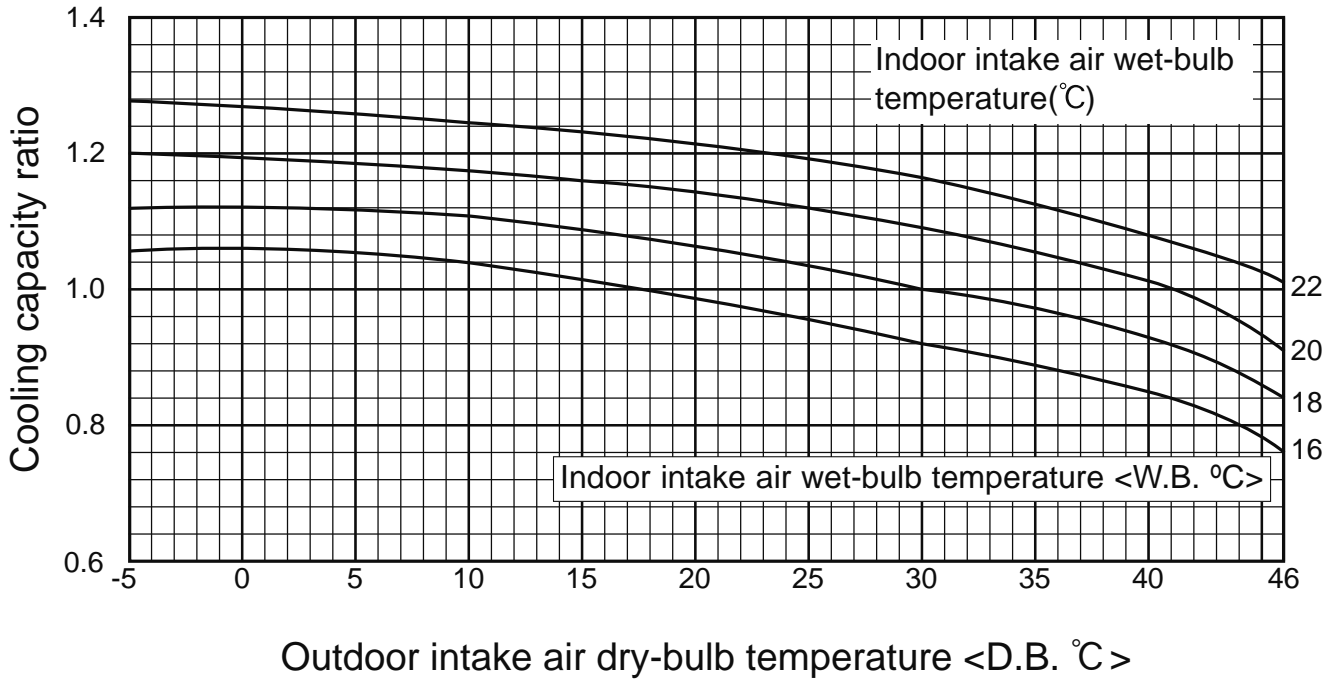
PUHZ-ZRP35VKA2
 PUHZ-ZRP50VKA2
 PUHZ-ZRP60VHA2
 PUHZ-ZRP71VHA2

PUHZ-ZRP100VKA3
 PUHZ-ZRP100YKA3
 PUHZ-ZRP125VKA3
 PUHZ-ZRP125YKA3
 PUHZ-ZRP140VKA3
 PUHZ-ZRP140YKA3
 PUHZ-ZRP200YKA3
 PUHZ-ZRP250YKA3

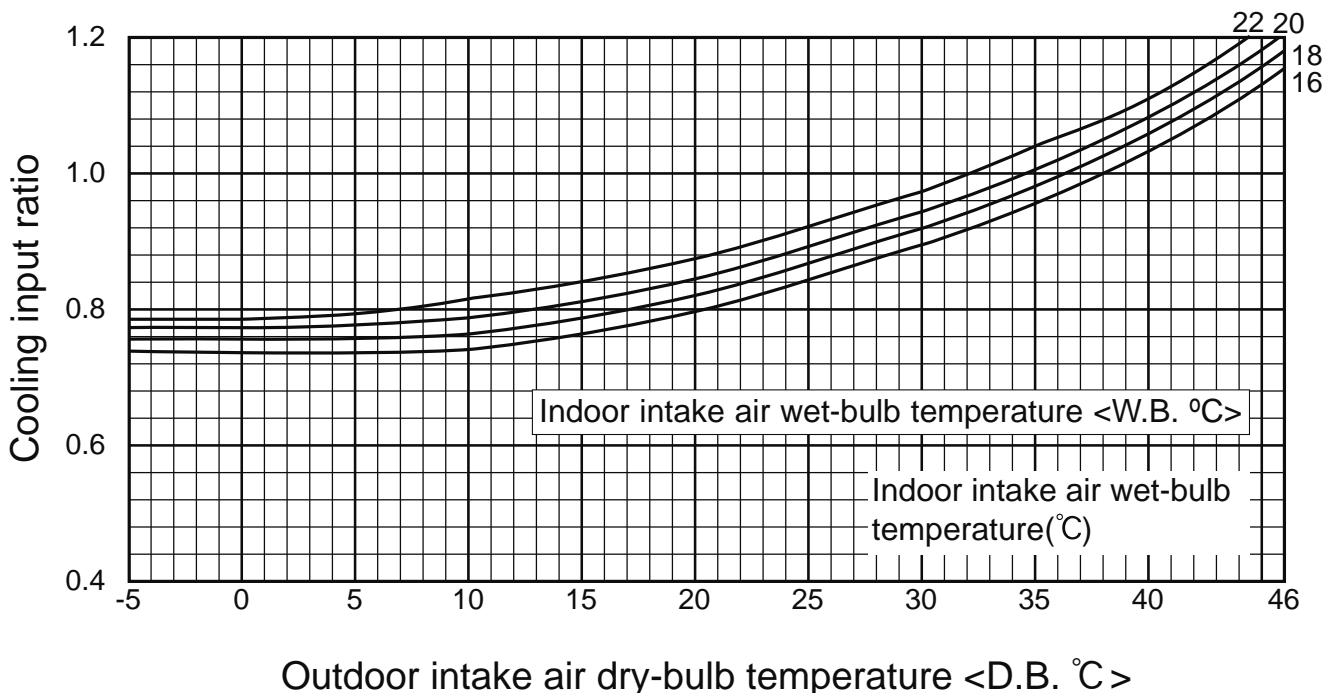
PUHZ-P100VKA
 PUHZ-P100YKA
 PUHZ-P125VKA
 PUHZ-P125YKA
 PUHZ-P140VKA
 PUHZ-P140YKA
 PUHZ-P200YKA3
 PUHZ-P250YKA3

PUHZ-SP100YKA
 PUHZ-SP125VKA
 PUHZ-SP125YKA
 PUHZ-SP140VKA
 PUHZ-SP140YKA
 PUHZ-FRP71VHA2

Cooling capacity



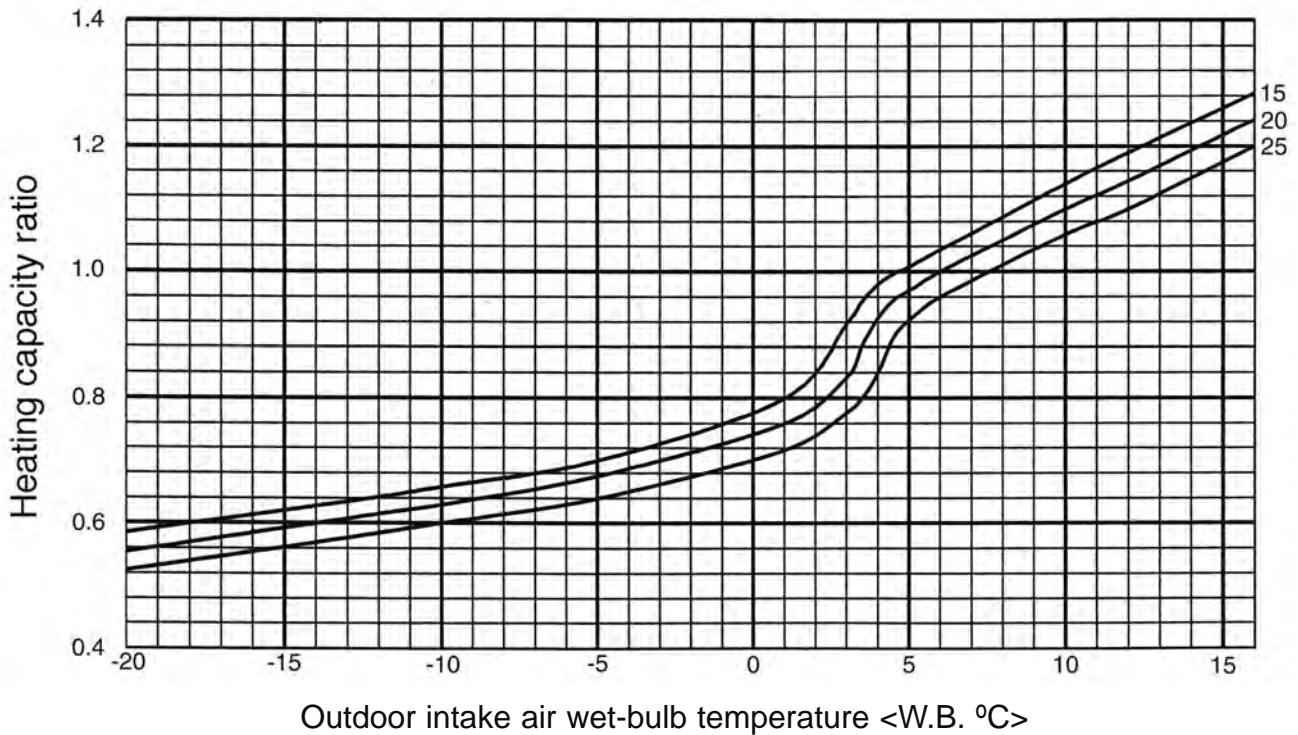
Cooling input



Note : This diagrams show the case where the operation frequency of a compressor is fixed.

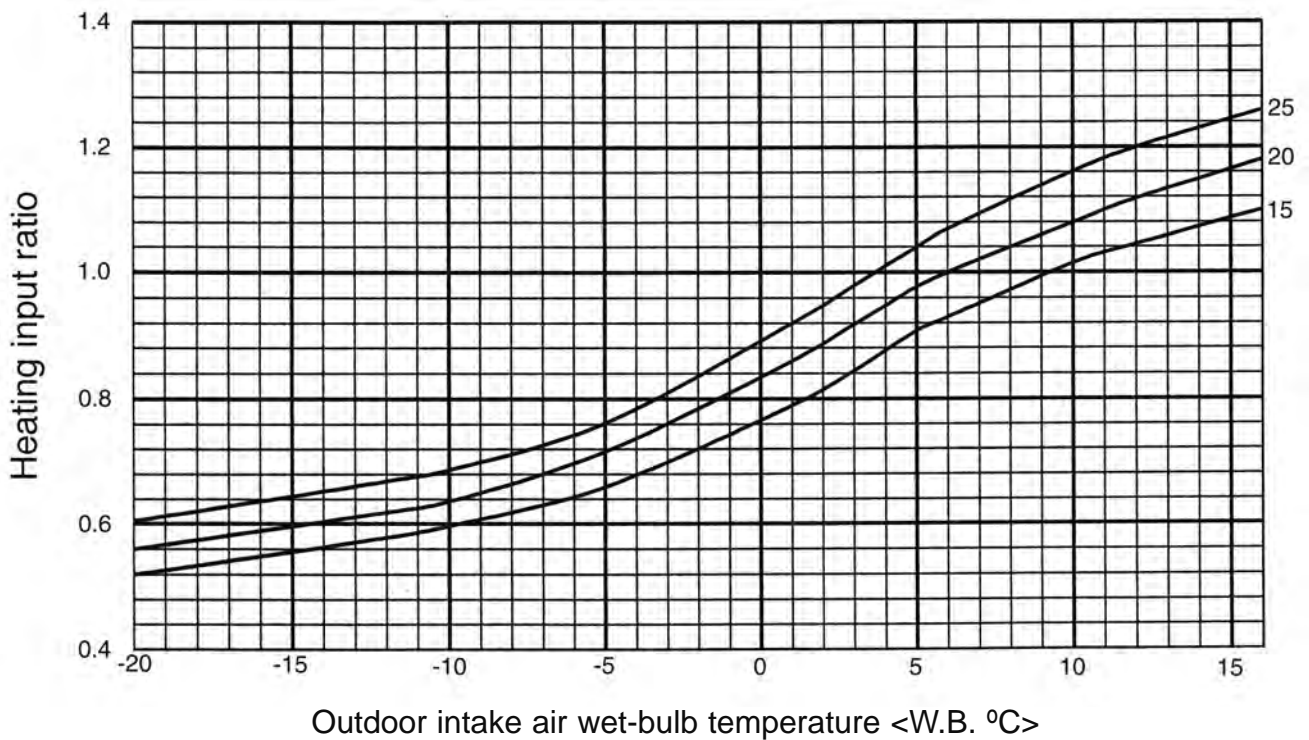
OUTDOOR UNIT
 PERFORMANCE CURVES

Heating capacity



OUTDOOR UNIT PERFORMANCE CURVES

Heating input

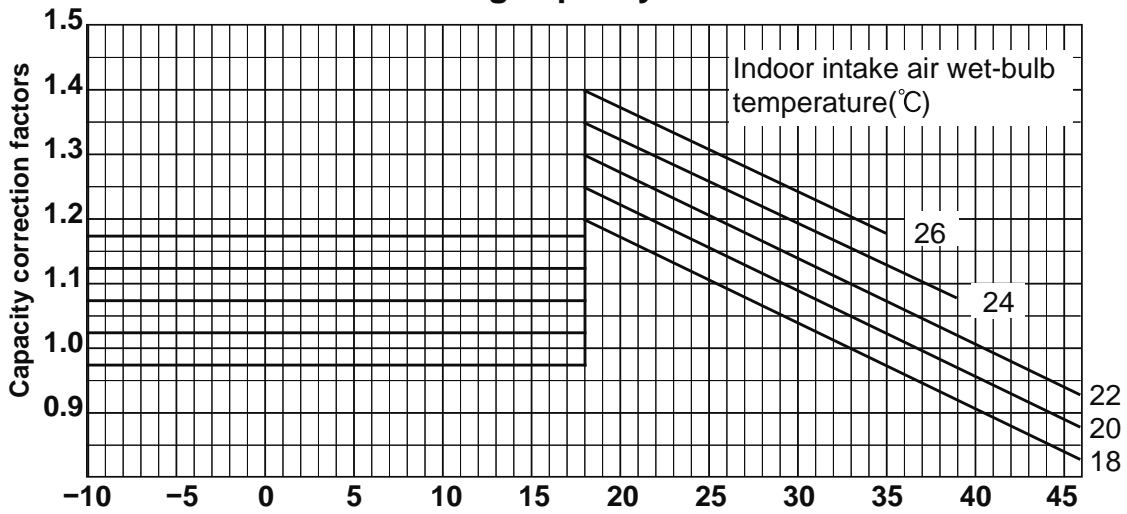


Note : This diagrams show the case where the operation frequency of a compressor is fixed.

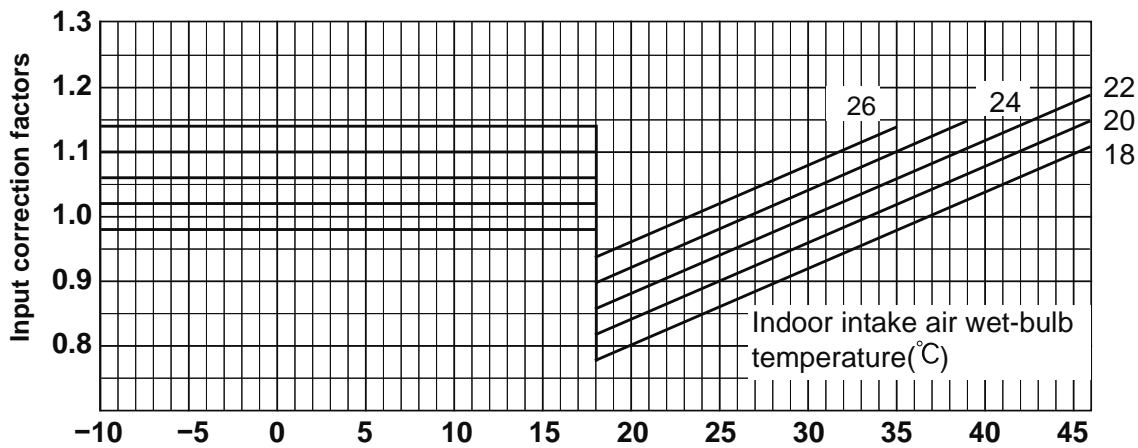
FOR THE COMBINATION OF OUTDOOR UNIT SUZ-SA71VA3 SUZ-SA100VA2

<COOLING>

Cooling capacity



Total input (Cooling)



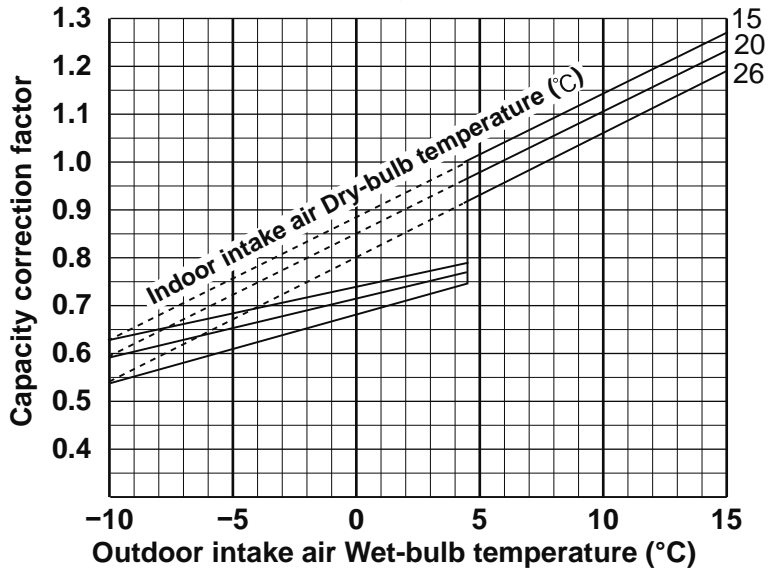
Lower limit of guaranteed operating range in cooling: -10°C

OUTDOOR UNIT

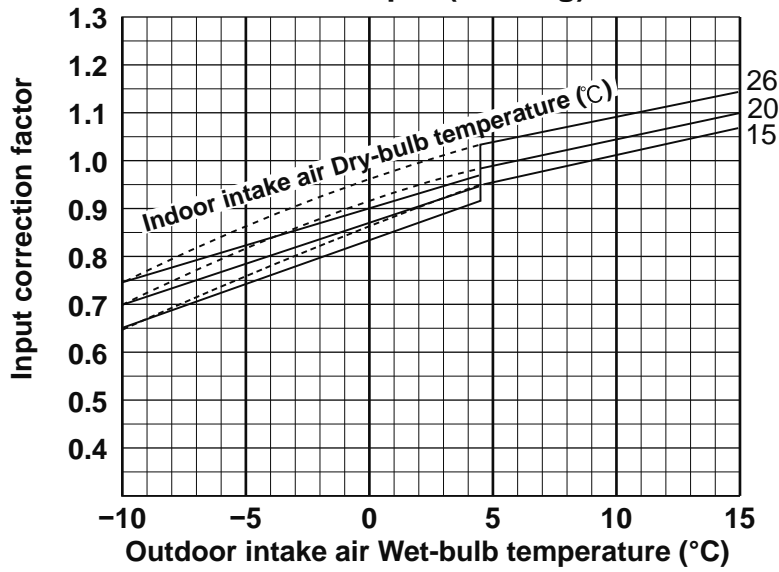
PERFORMANCE CURVES

<HEATING>

Heating capacity



Total input (Heating)

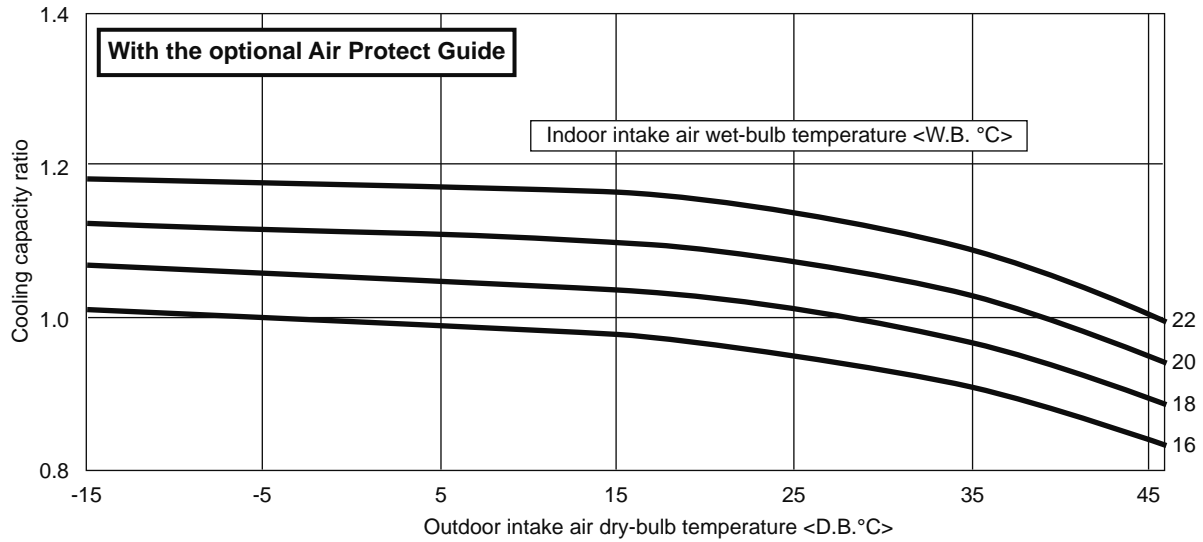


OUTDOOR UNIT PERFORMANCE CURVES

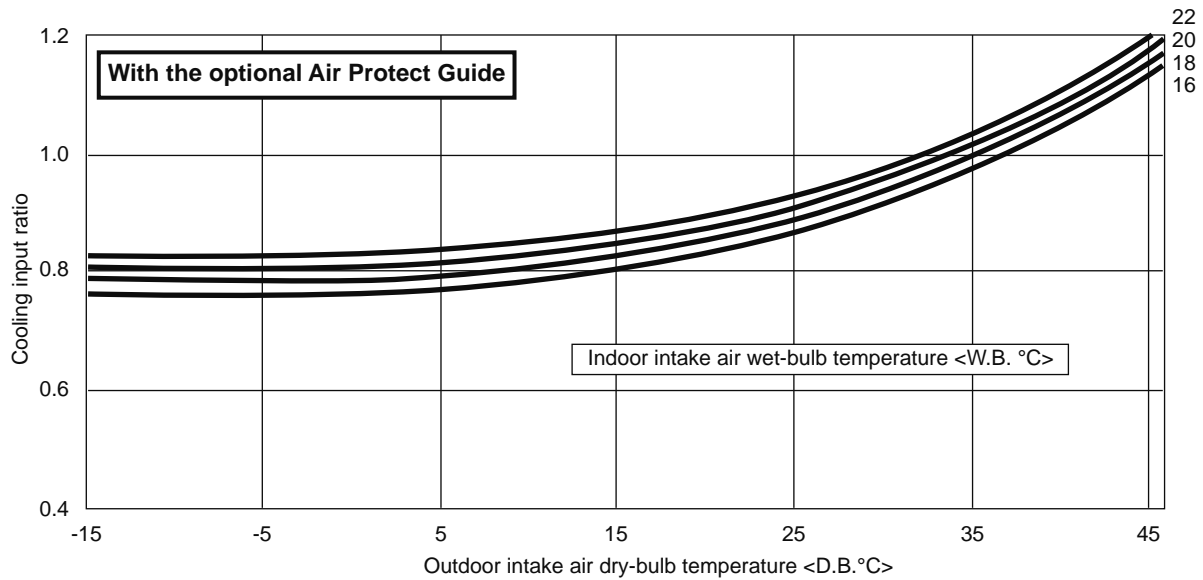
2. INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



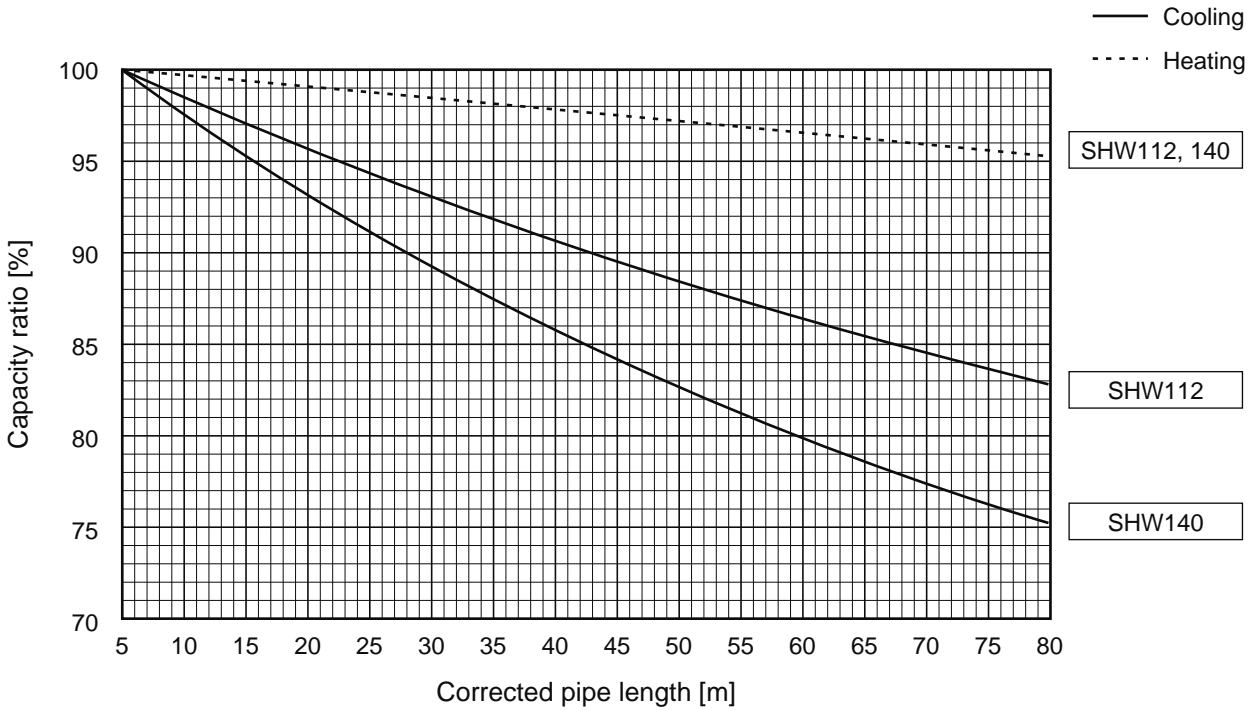
Cooling input



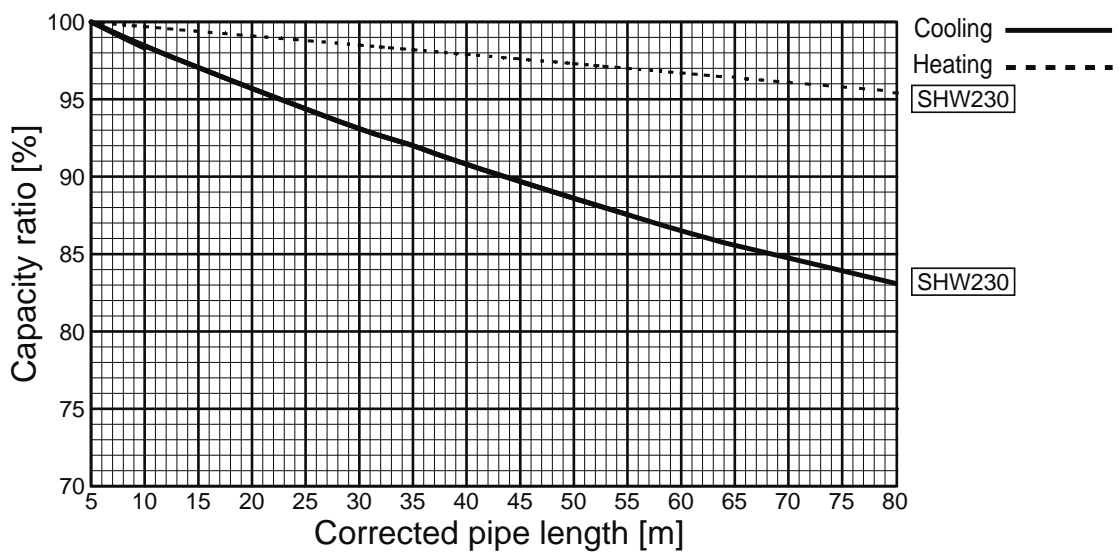
Applicable Models	Optional parts name	Optional parts No.	See page
PUHZ-ZRP35, 50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	E-262
PUHZ-ZRP60, 71 PUHZ-SHW112, 140 PUHZ-FRP71VHA2		PAC-SH63AG-E	E-264
PUHZ-ZRP100, 125, 140 PUHZ-ZRP200, 250 PUHZ-P200, 250 PUHZ-SHW230 PUHZ-P100, 125, 140 PUHZ-SP100, 125, 140		PAC-SH95AG-E	E-267

3. CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

PUHZ-SHW112VHA
 PUHZ-SHW112YHA
 PUHZ-SHW140YHA

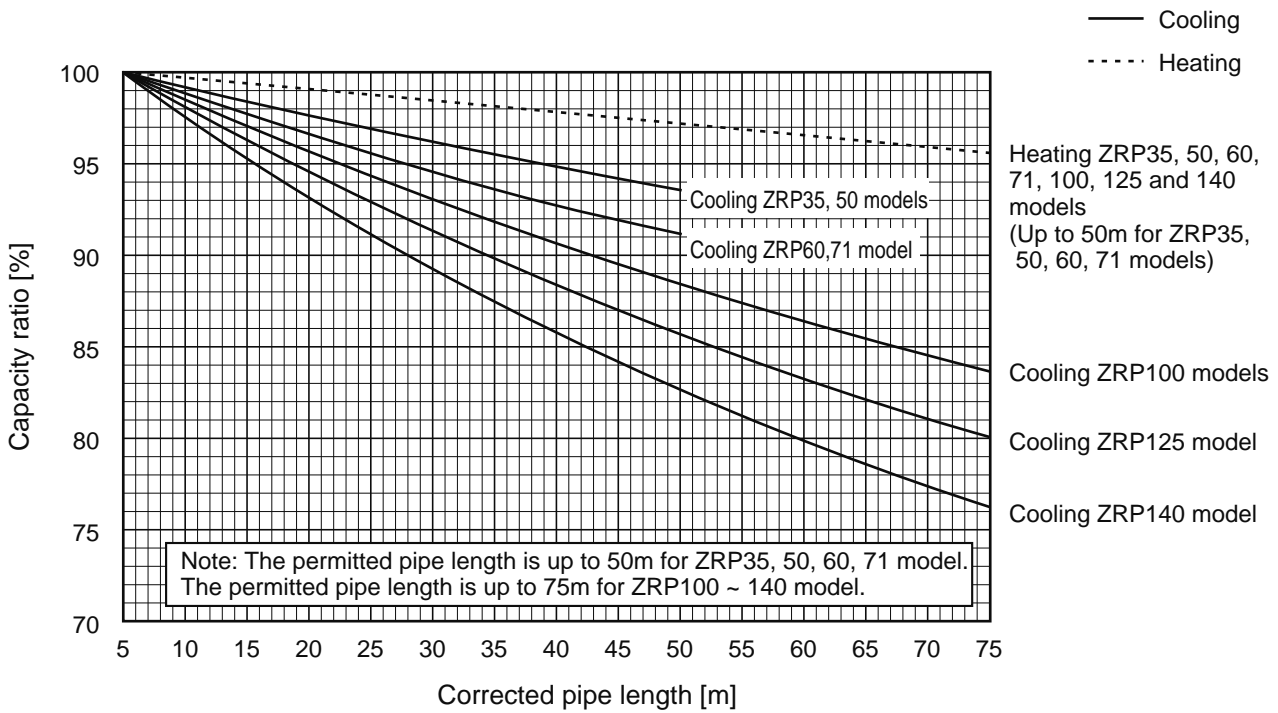


PUHZ-SHW230YKA2



OUTDOOR UNIT PERFORMANCE CURVES

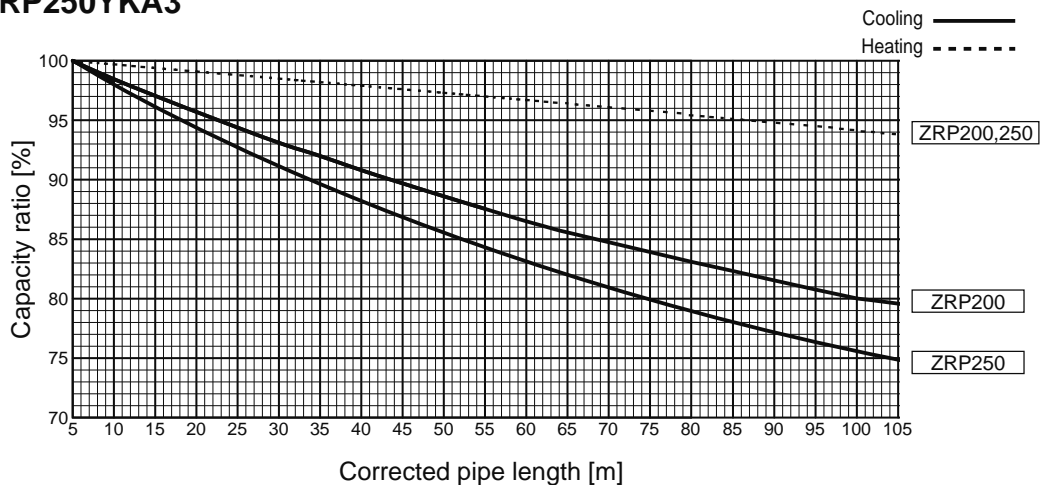
- PUHZ-ZRP35VKA2
- PUHZ-ZRP50VKA2
- PUHZ-ZRP60VHA2
- PUHZ-ZRP71VHA2
- PUHZ-ZRP100VKA3
- PUHZ-ZRP100YKA3
- PUHZ-ZRP125VKA3
- PUHZ-ZRP125YKA3
- PUHZ-ZRP140VKA3
- PUHZ-ZRP140YKA3



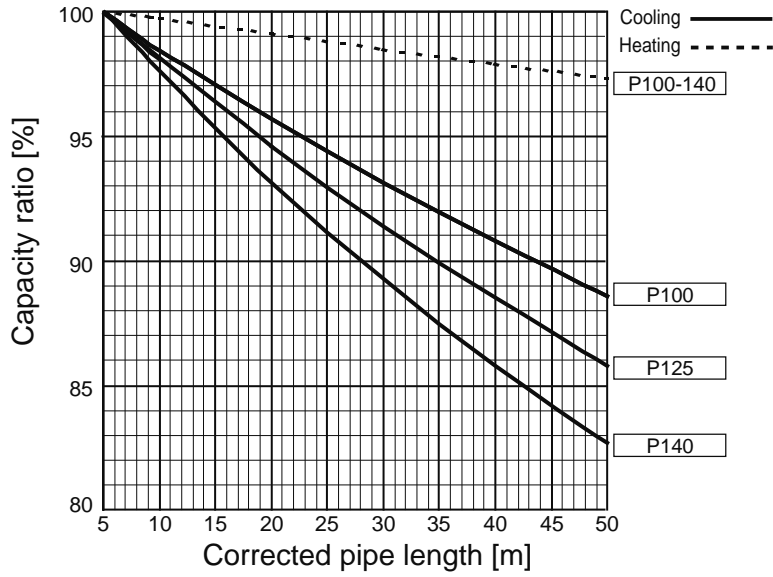
OUTDOOR UNIT

PERFORMANCE CURVES

- PUHZ-ZRP200YKA3
- PUHZ-ZRP250YKA3

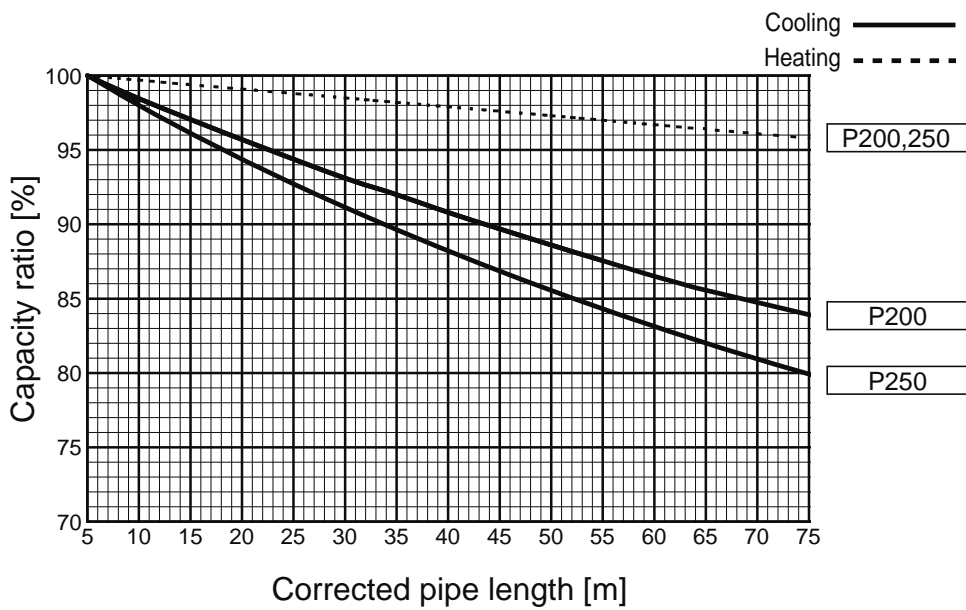


PUHZ-P100VKA
 PUHZ-P100YKA
 PUHZ-P125VKA
 PUHZ-P125YKA
 PUHZ-P140VKA
 PUHZ-P140YKA

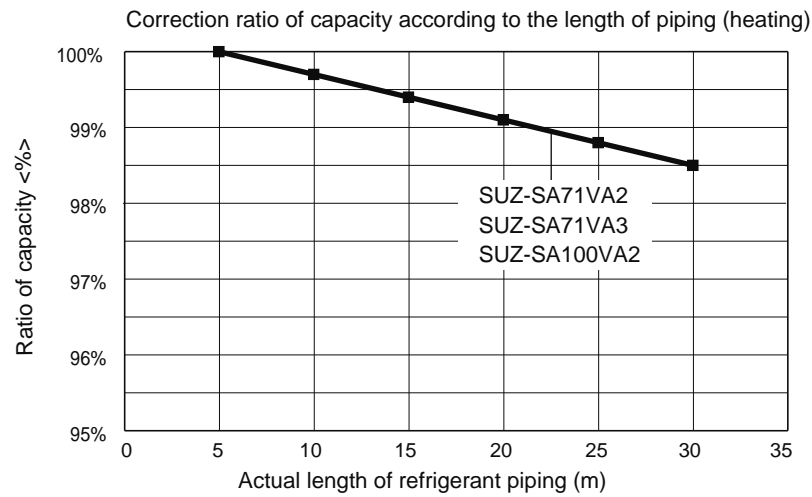
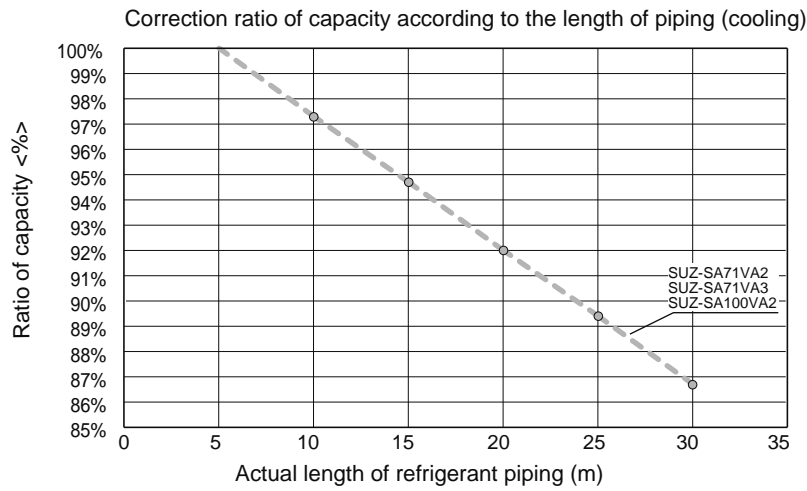


OUTDOOR UNIT PERFORMANCE CURVES

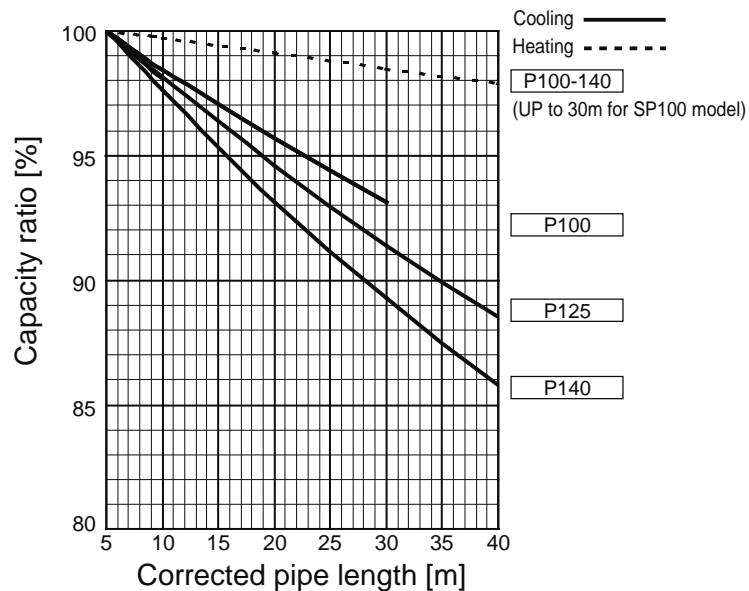
PUHZ-P200YKA3
 PUHZ-P250YKA3



SUZ-SA71VA2
SUZ-SA71VA3
SUZ-SA100VA2



PUHZ-SP100YKA
PUHZ-SP125VKA
PUHZ-SP125YKA
PUHZ-SP140VKA
PUHZ-SP140YKA

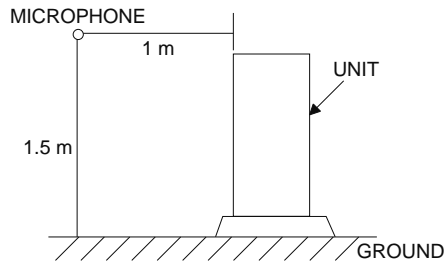


OUTDOOR UNIT

PERFORMANCE CURVES

A.8.5 NOISE CRITERIA CURVES

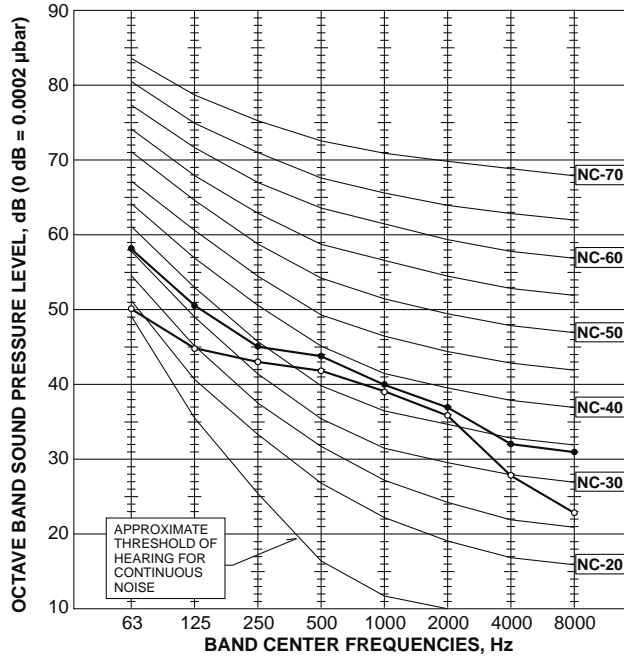
A.8.5.1 R32 type



- <Notes>
 1) Sound data is taken when the system is running stably.
 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

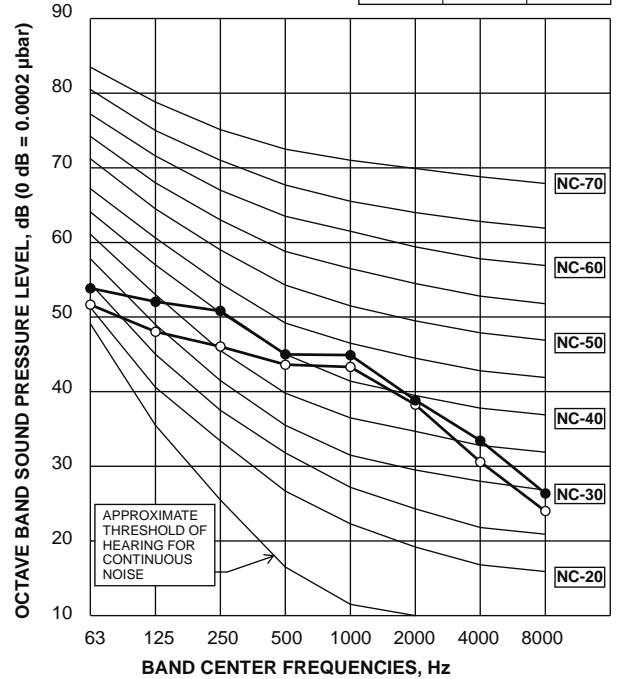
PUZ-ZM35VKA2 PUZ-ZM50VKA2

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



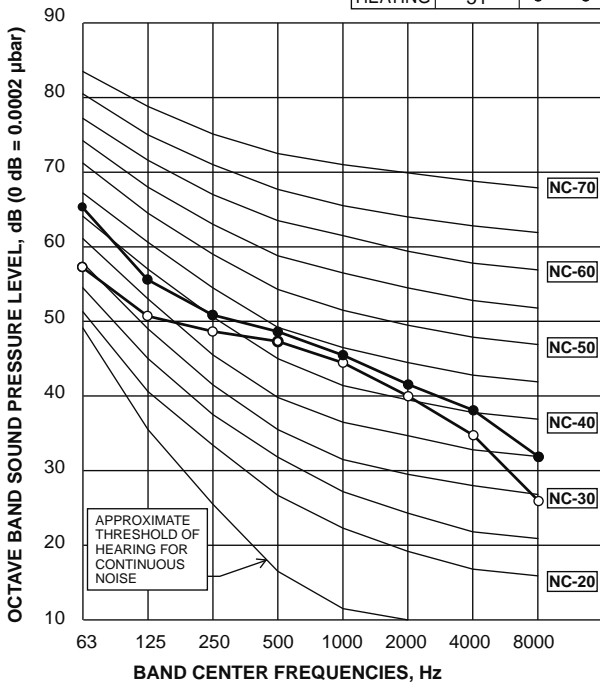
PUZ-ZM60VKA2 PUZ-ZM71VKA2

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	49	●—●



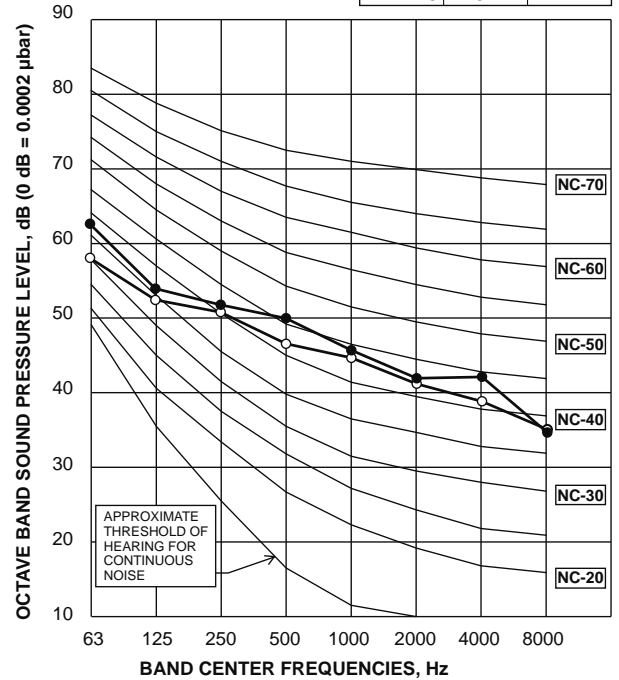
PUZ-ZM100VKA2 PUZ-ZM100VKA2

MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●

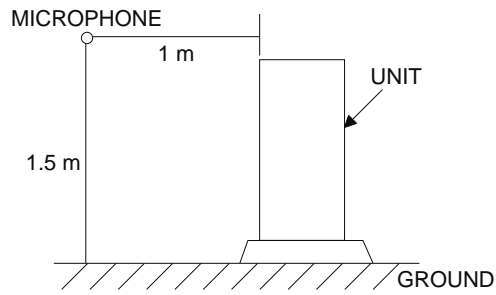


PUZ-ZM125VKA2 PUZ-ZM140VKA2 PUZ-ZM125VKA2 PUZ-ZM140VKA2

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

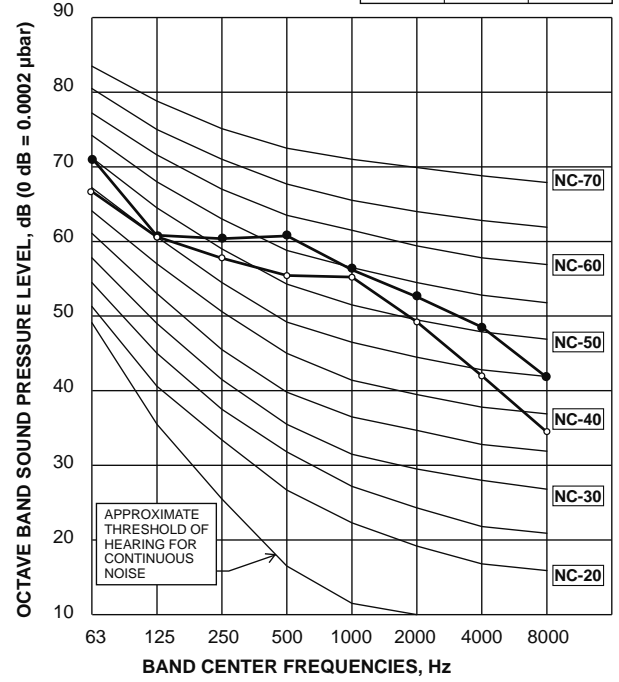
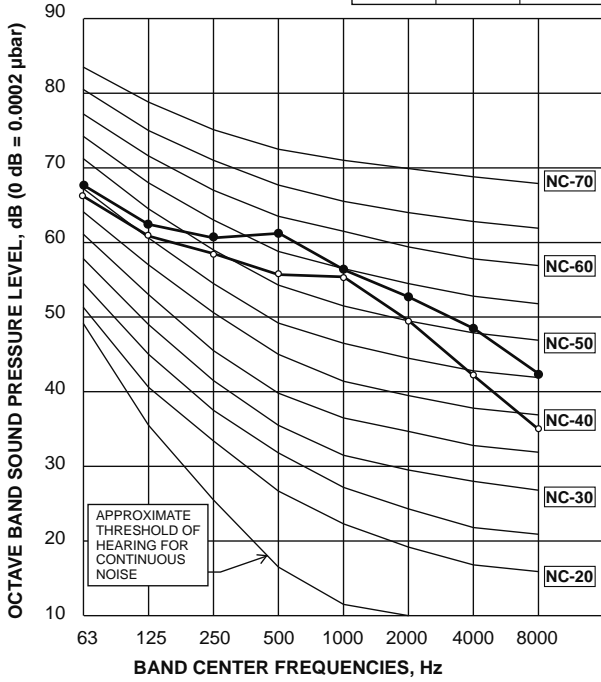


PUZ-ZM200YKA2

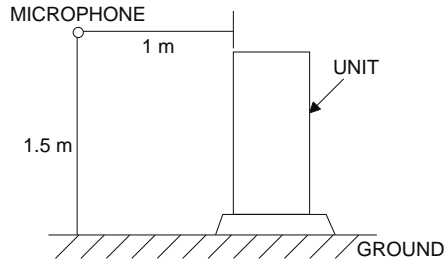
PUZ-ZM250YKA2

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



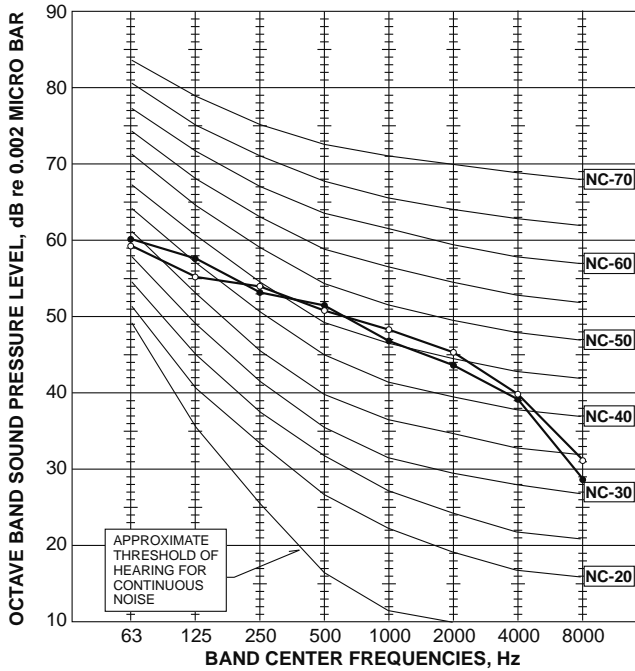
OUTDOOR UNIT NOISE CRITERIA CURVES



- <Notes>
 1) Sound data is taken when the system is running stably.
 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

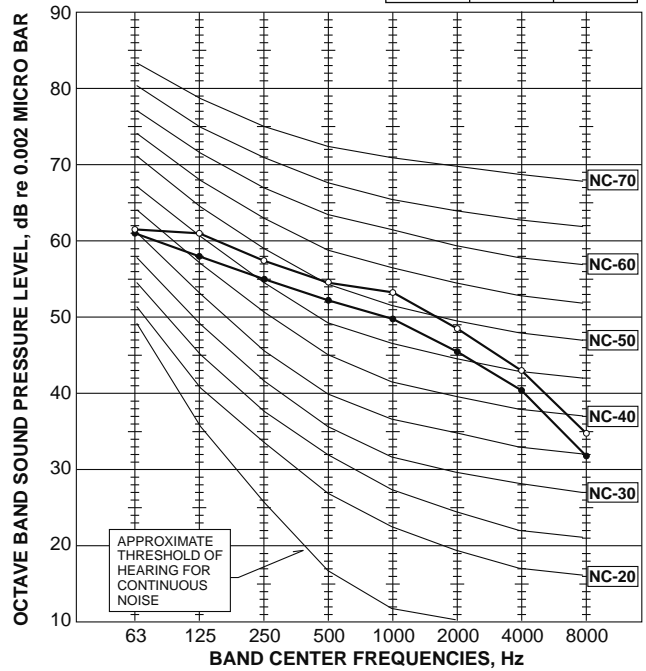
PUZ-M100VKA2
PUZ-M100YKA2

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



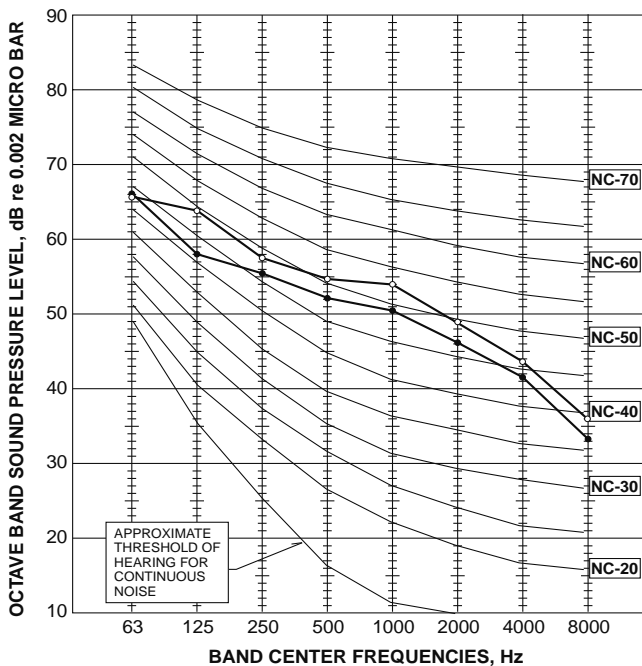
PUZ-M125VKA2
PUZ-M125YKA2

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○

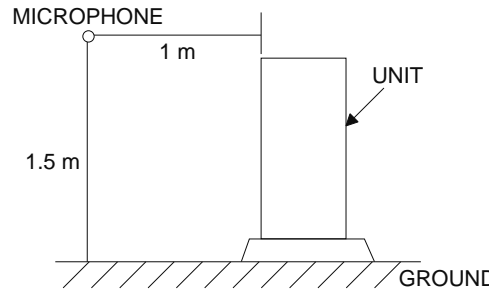


PUZ-M140VKA2
PUZ-M140YKA2

MODE	SPL(dB)	LINE
COOLING	55	●—●
HEATING	57	○—○



OUTDOOR UNIT NOISE CRITERIA CURVES

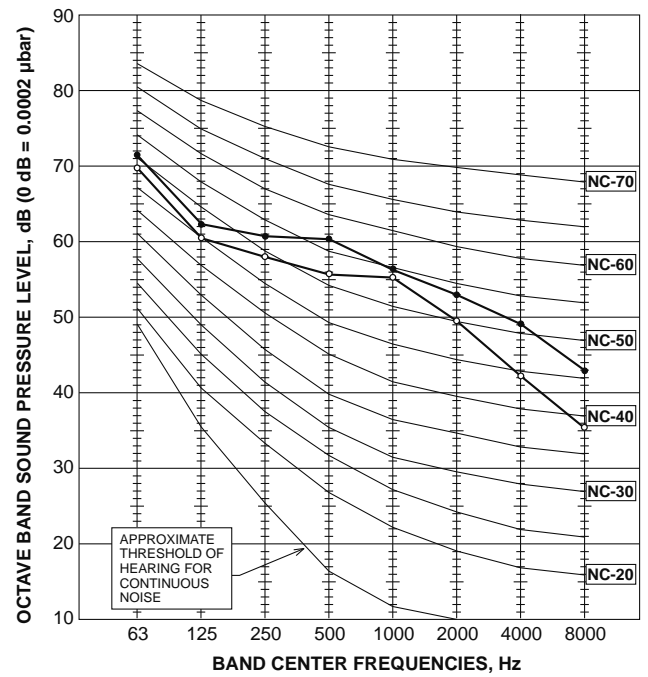
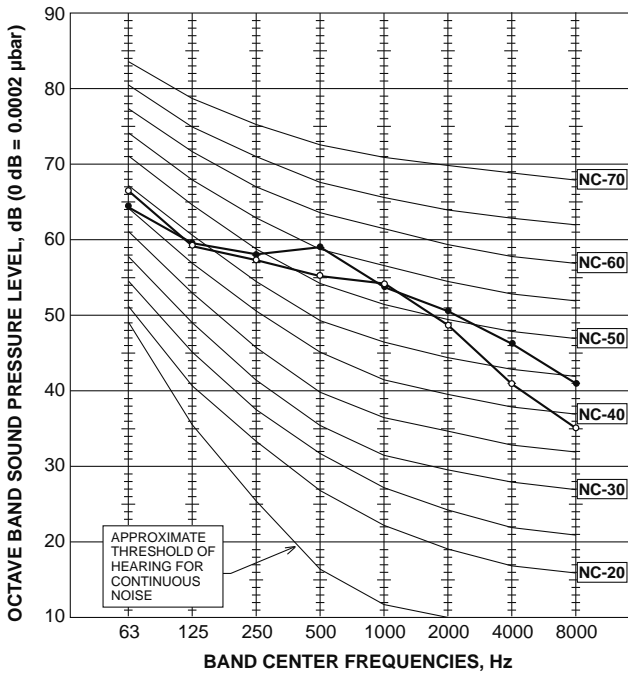


PUZ-M200YKA2

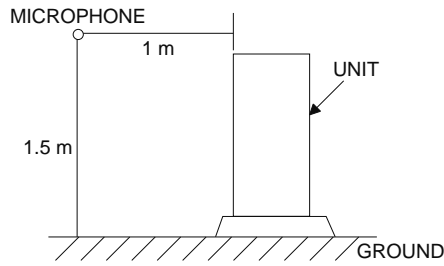
MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●

PUZ-M250YKA2

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



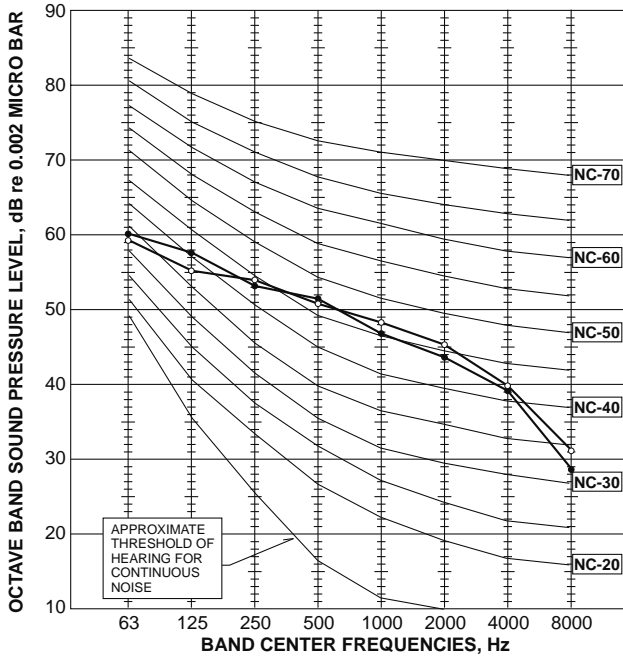
OUTDOOR UNIT NOISE CRITERIA CURVES



- <Notes>
 1) Sound data is taken when the system is running stably.
 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

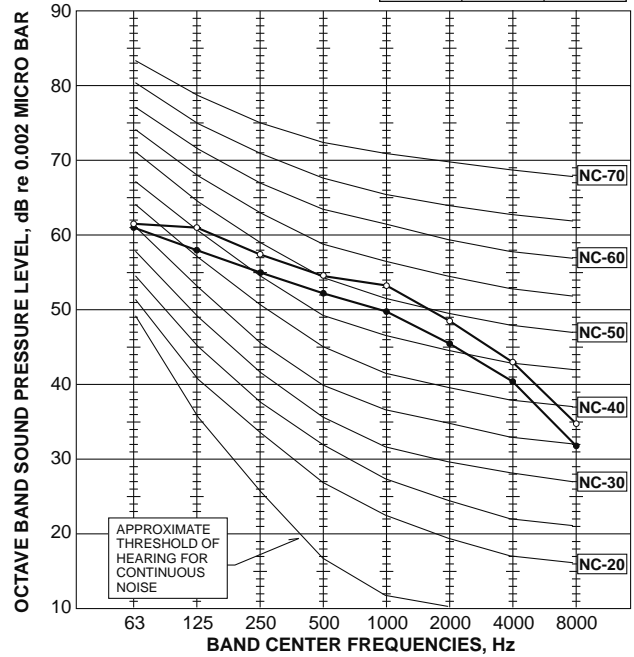
**PUZ-SM100VKA
 PUZ-SM100YKA**

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



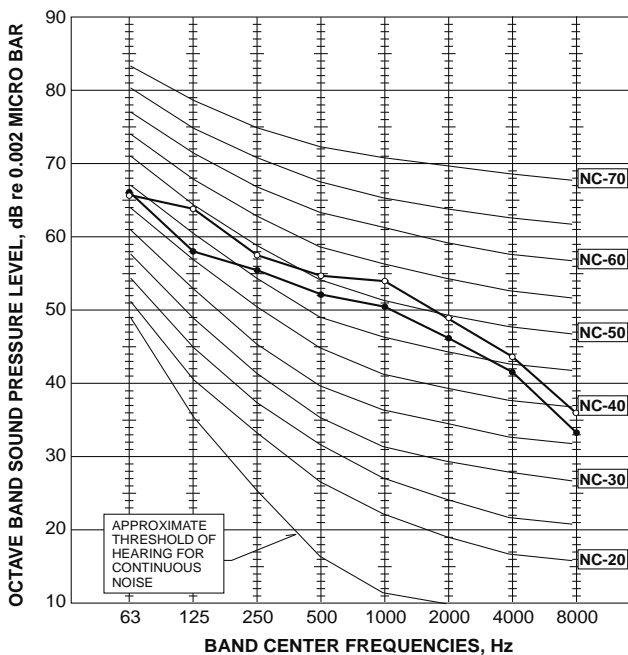
**PUZ-SM125VKA
 PUZ-SM125YKA**

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○

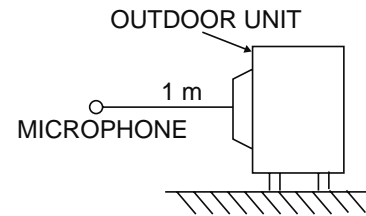


**PUZ-SM140VKA
 PUZ-SM140YKA**

MODE	SPL(dB)	LINE
COOLING	55	●—●
HEATING	57	○—○

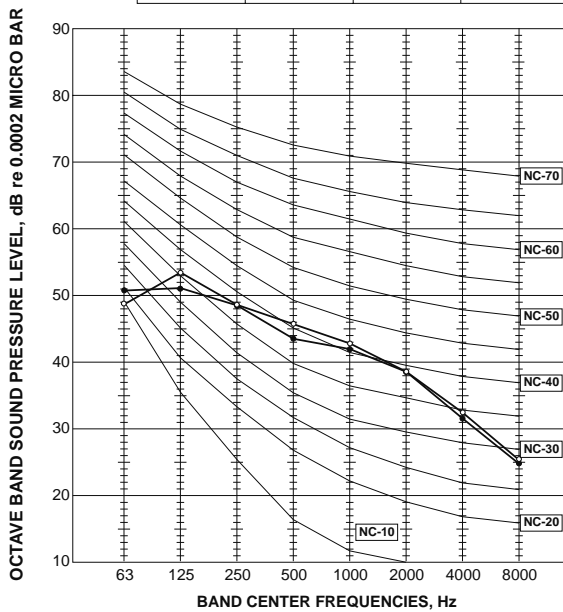


OUTDOOR UNIT NOISE CRITERIA CURVES



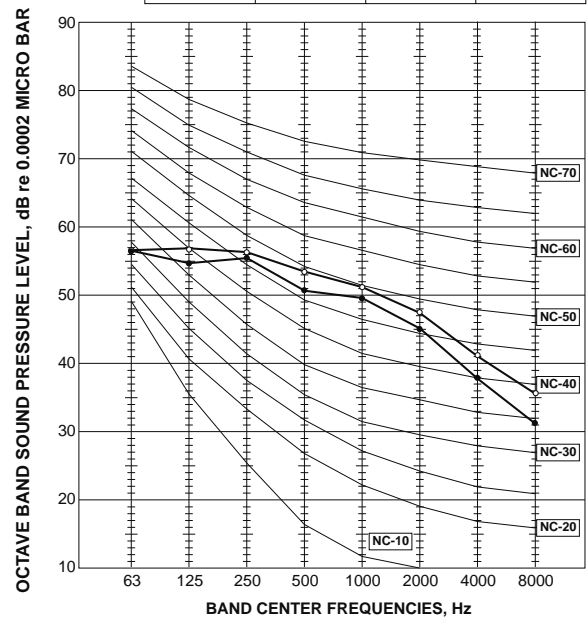
SUZ-SM35VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High Med.	COOLING	48	●—●
	HEATING	48	○—○



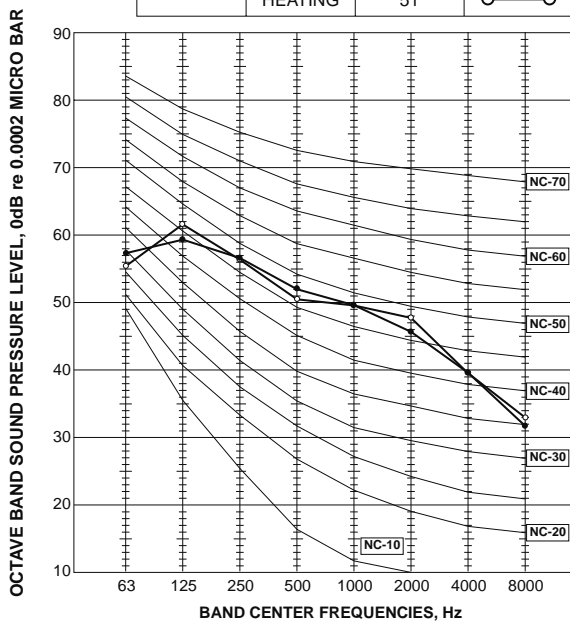
SUZ-SM50VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	48	●—●
	HEATING	49	○—○



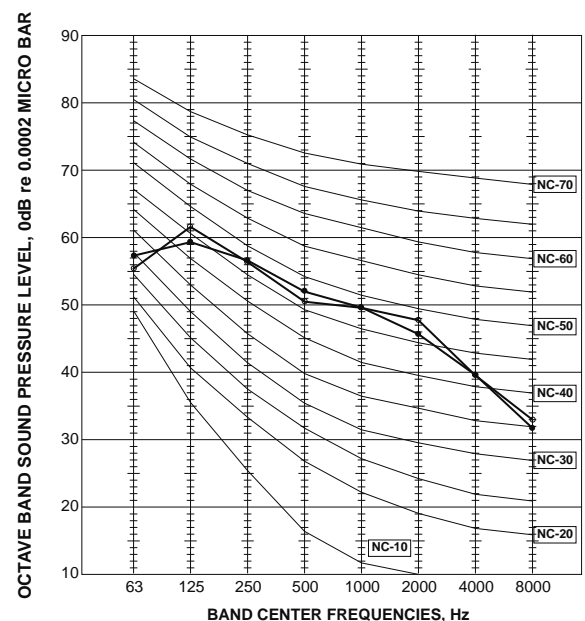
SUZ-SM60VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



SUZ-SM71VA

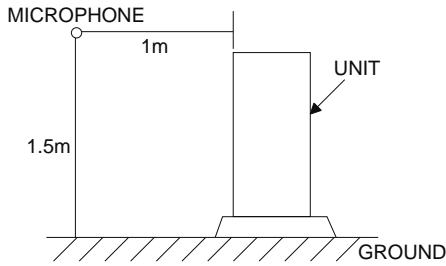
FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	49	●—●
	HEATING	51	○—○



OUTDOOR UNIT

NOISE CRITERIA CURVES

A.8.5.2 R410A type

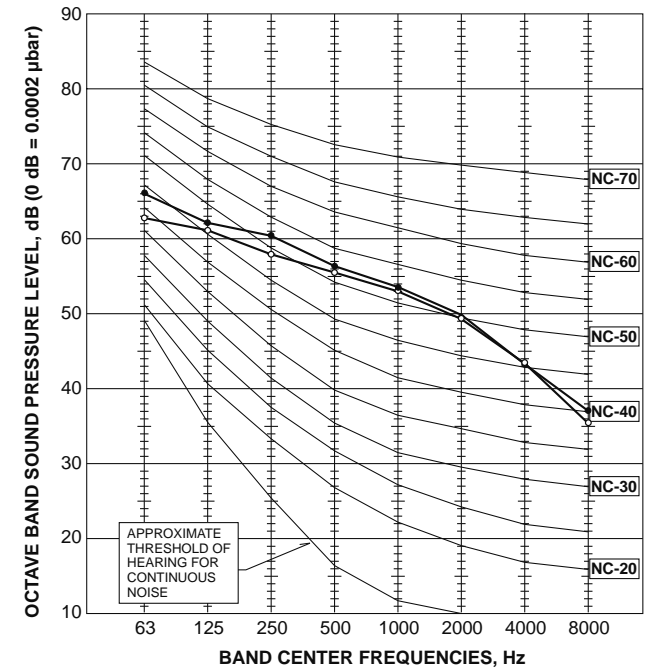
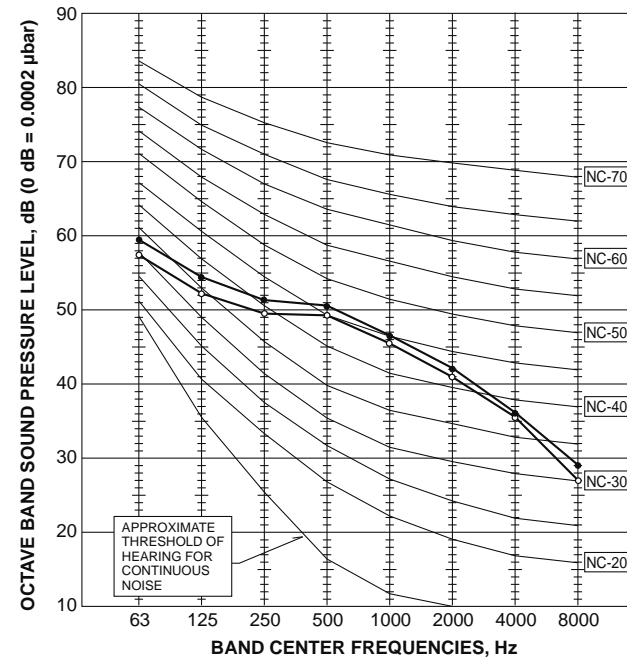


<Notes>

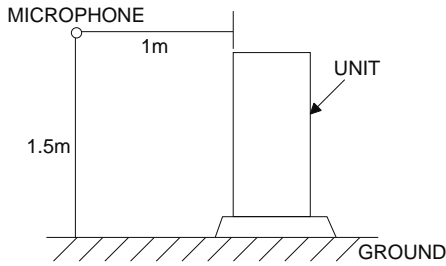
- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	52	●—●

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	59	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

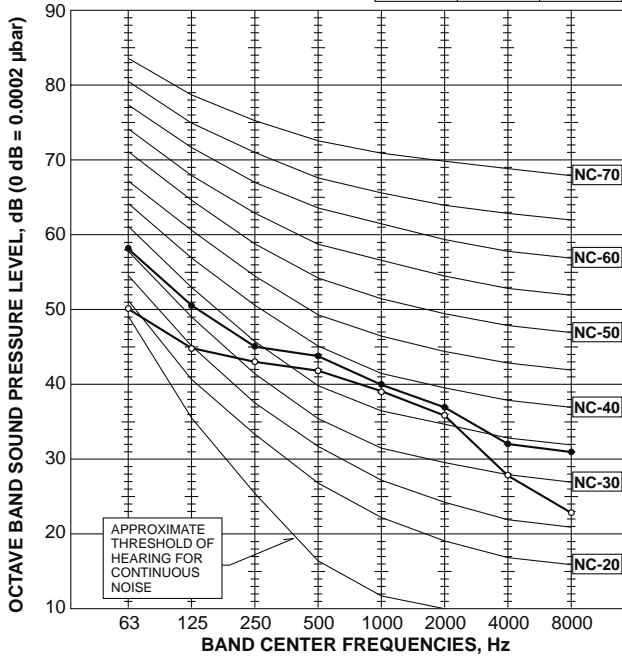


<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

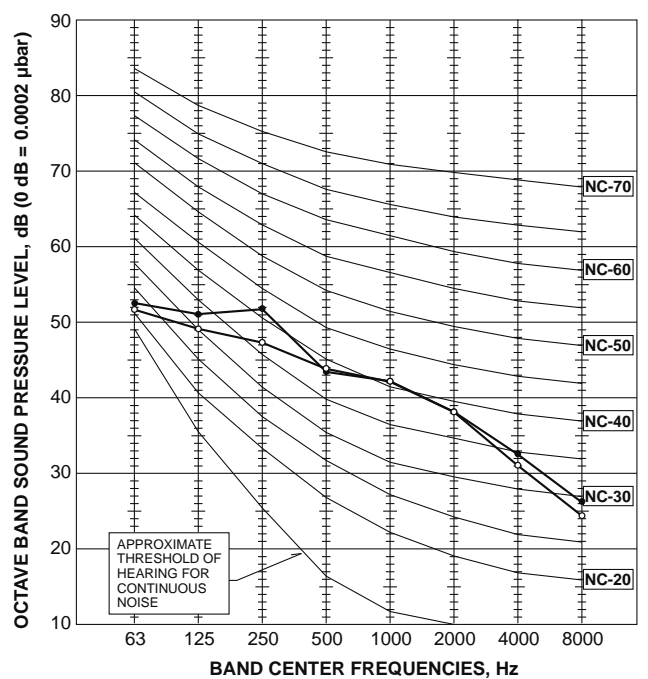
PUHZ-ZRP35VKA2
PUHZ-ZRP50VKA2

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



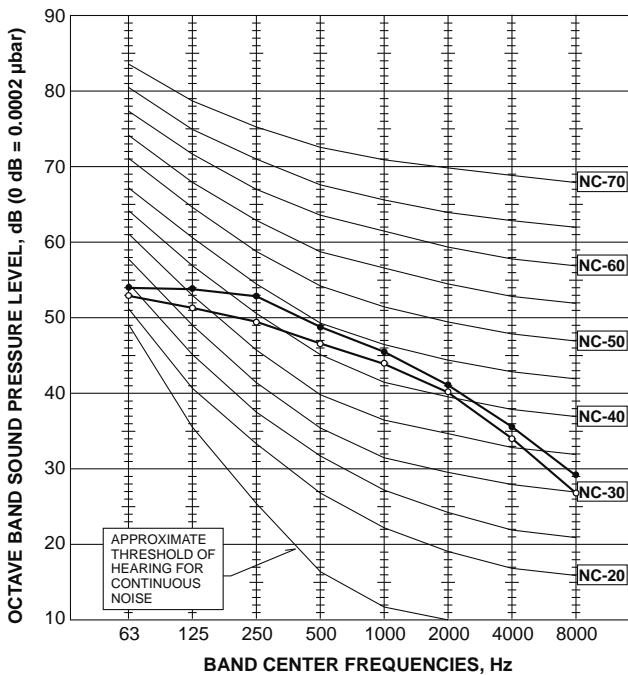
PUHZ-ZRP60VHA2
PUHZ-ZRP71VHA2

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	48	●—●



PUHZ-ZRP100VKA3
PUHZ-ZRP100YKA3

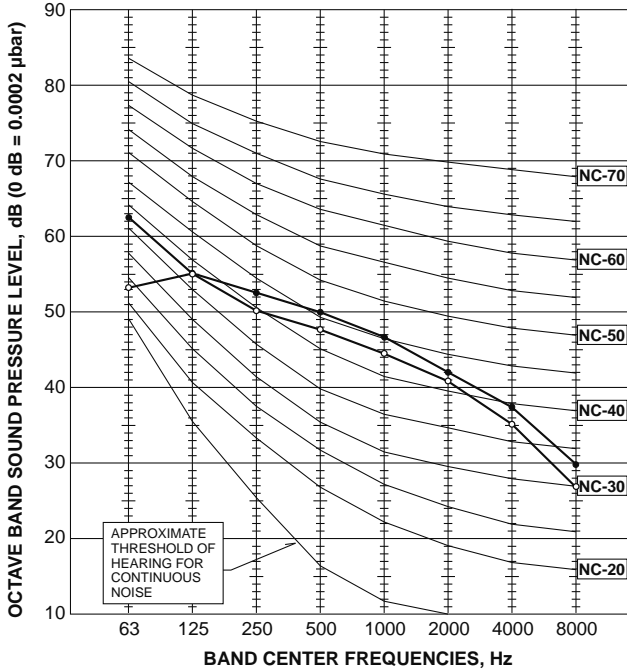
MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●



OUTDOOR UNIT NOISE CRITERIA CURVES

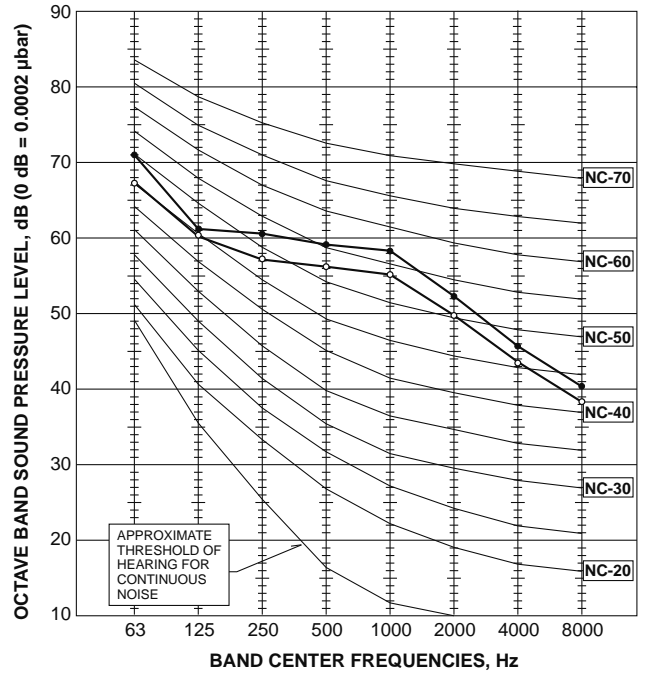
PUHZ-ZRP125VKA3
PUHZ-ZRP125YKA3
PUHZ-ZRP140VKA3
PUHZ-ZRP140YKA3

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



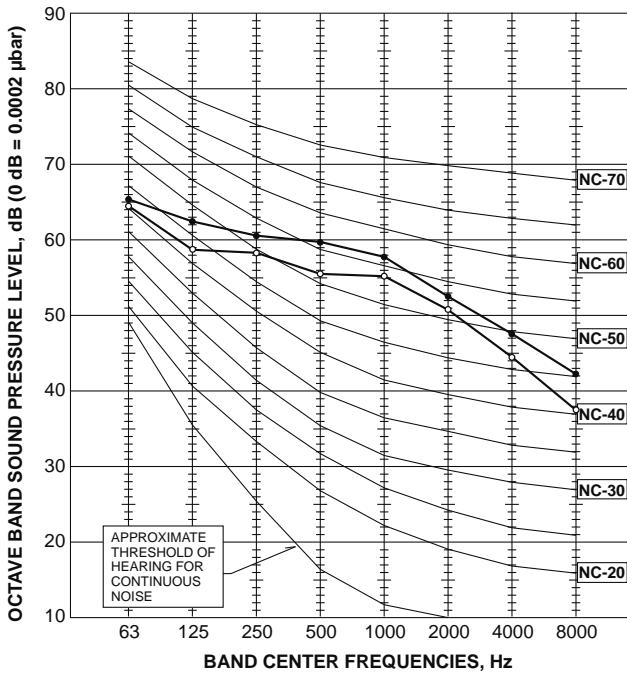
PUHZ-ZRP200YKA3

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



PUHZ-ZRP250YKA3

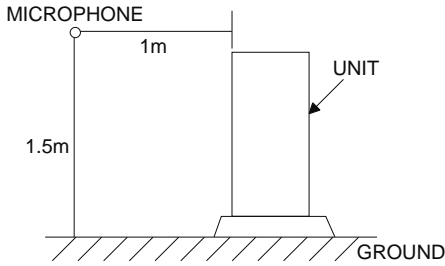
MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

OUTDOOR UNIT NOISE CRITERIA CURVES

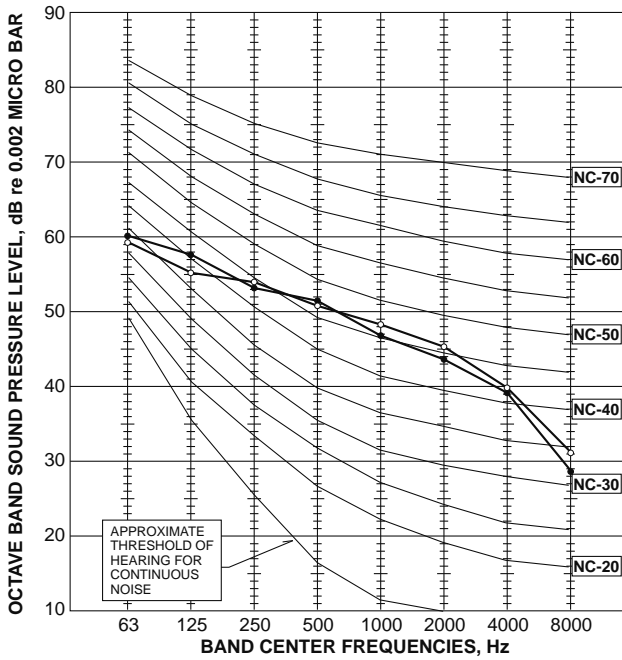


<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

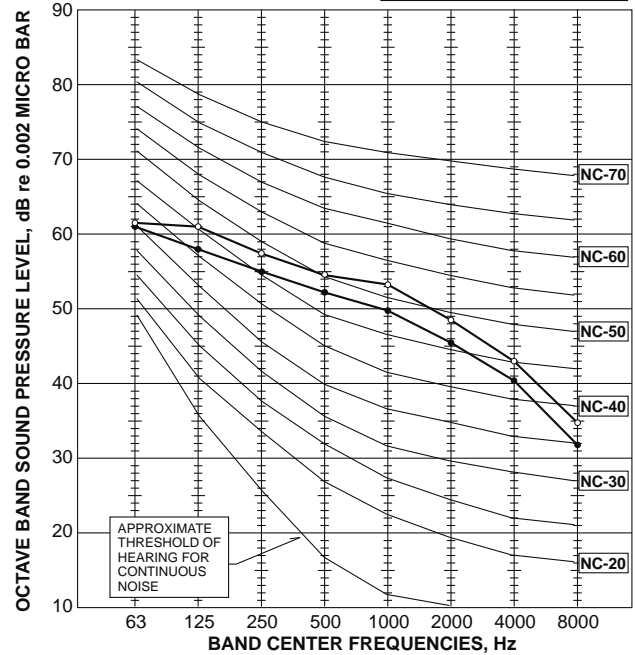
PUHZ-P100VKA
PUHZ-P100YKA

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



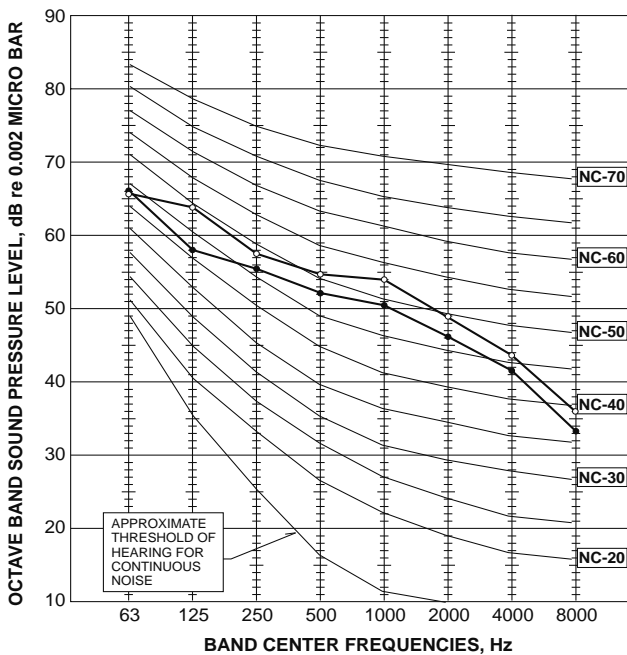
PUHZ-P125VKA
PUHZ-P125YKA

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



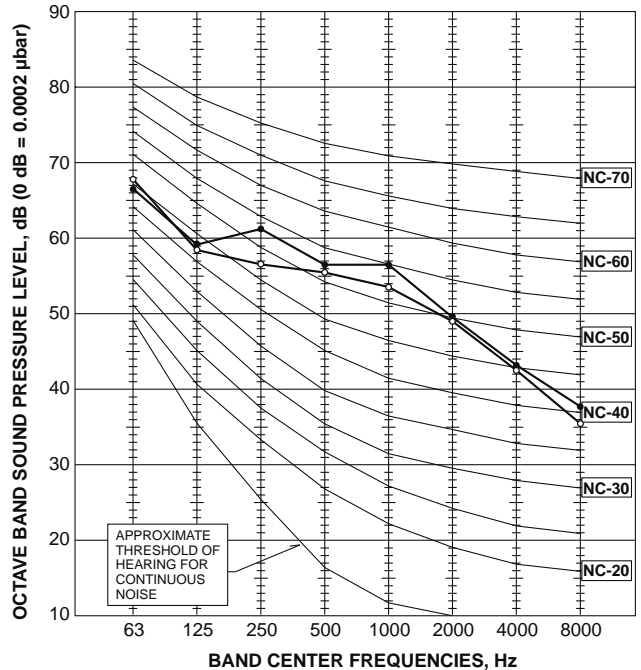
PUHZ-P140VKA
PUHZ-P140YKA

MODE	SPL(dB)	LINE
COOLING	56	●—●
HEATING	57	○—○



PUHZ-P200YKA3

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●

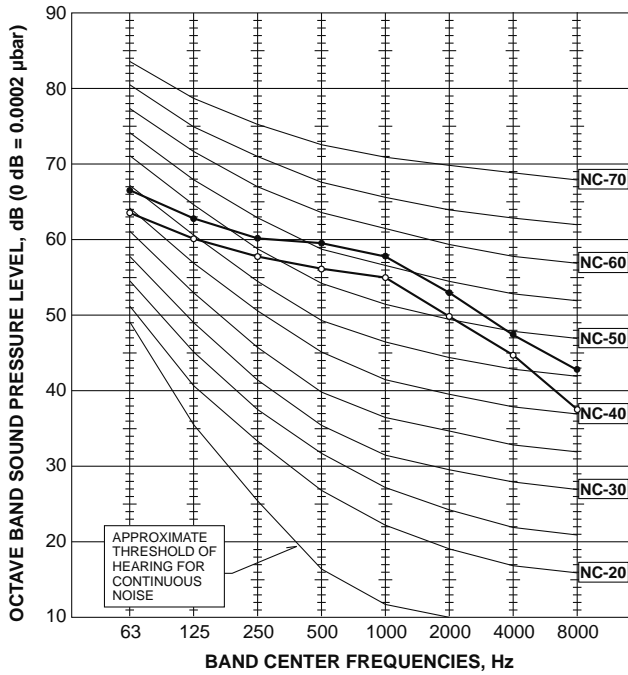


OUTDOOR UNIT

NOISE CRITERIA CURVES

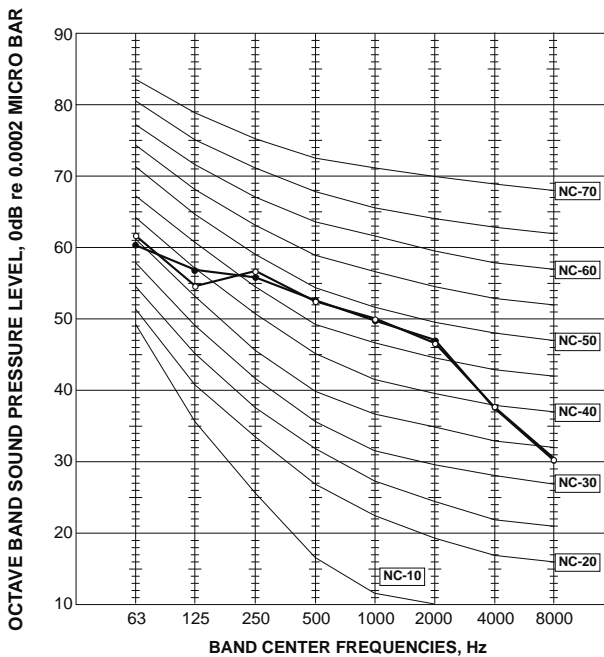
PUHZ-P250YKA3

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



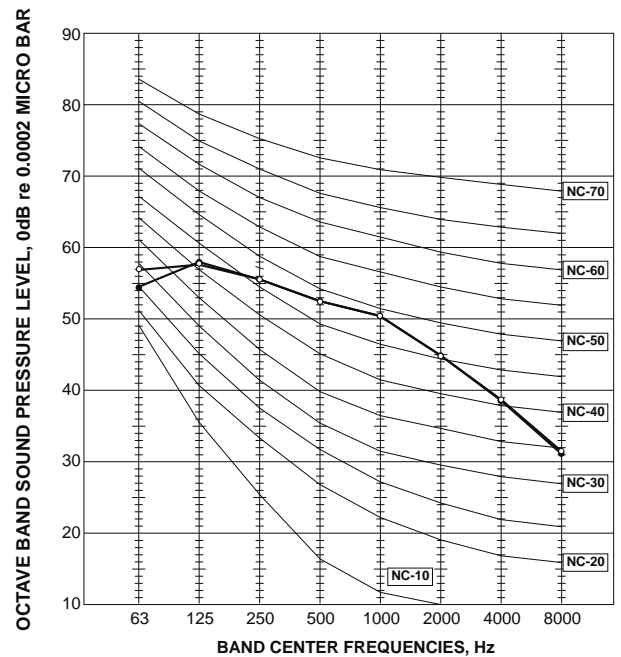
SUZ-SA71VA3

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



SUZ-SA100VA2

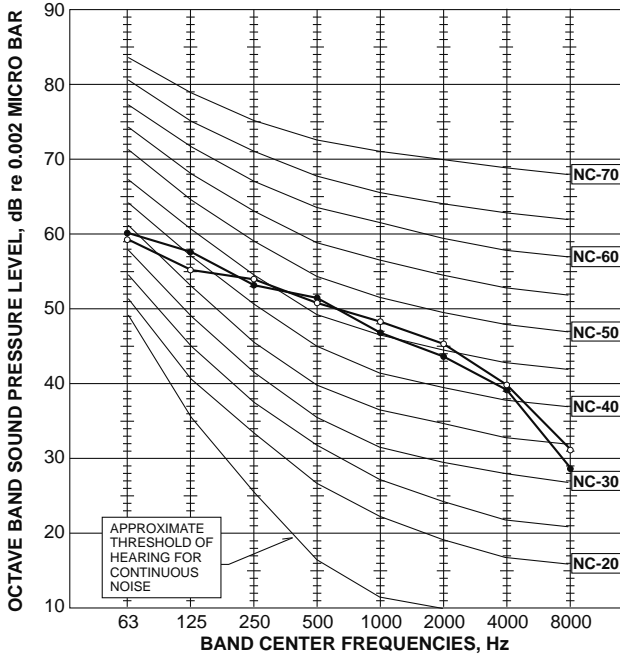
FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



OUTDOOR UNIT NOISE CRITERIA CURVES

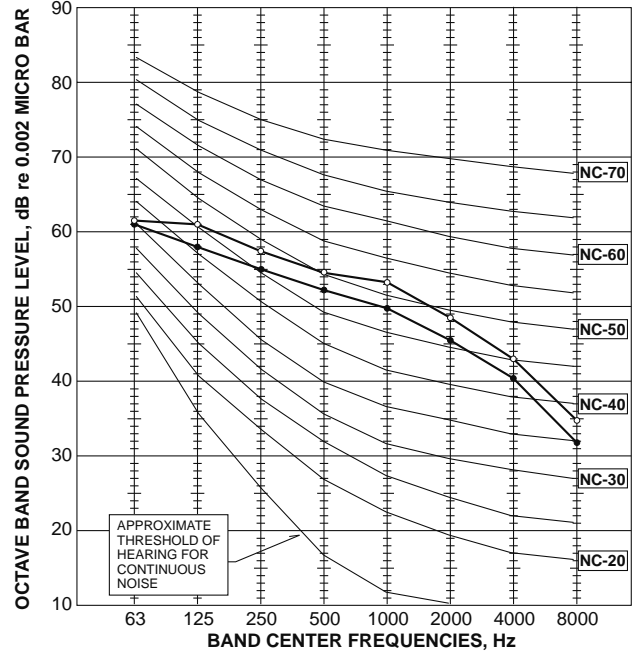
PUHZ-SP100YKA

MODE	SPL(dB)	LINE
COOLING	51	●—●
HEATING	54	○—○



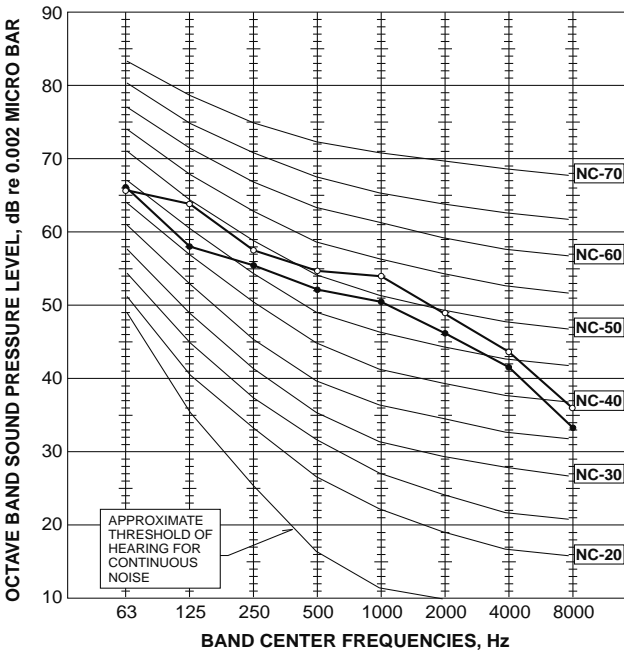
**PUHZ-SP125VKA
PUHZ-SP125YKA**

MODE	SPL(dB)	LINE
COOLING	54	●—●
HEATING	56	○—○



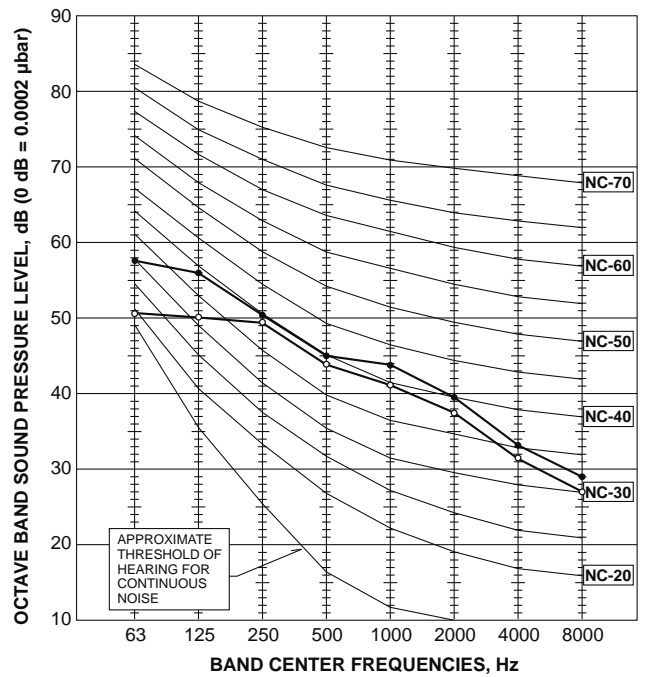
**PUHZ-SP140VKA
PUHZ-SP140YKA**

MODE	SPL(dB)	LINE
COOLING	56	●—●
HEATING	57	○—○



PUHZ-FRP71VHA2

MODE	SPL(dB)	LINE
ATA Cooling, HR Cooling	47	○—○
ATA Heating, ATW Heating	49	●—●



OUTDOOR UNIT
NOISE CRITERIA CURVES

A.8.6 EARTHQUAKE-PROOF STRENGTH ANALYSIS

A.8.6.1 R32 type

1.Type:

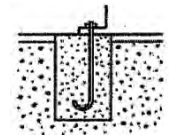
2.Model name:

3.Specification

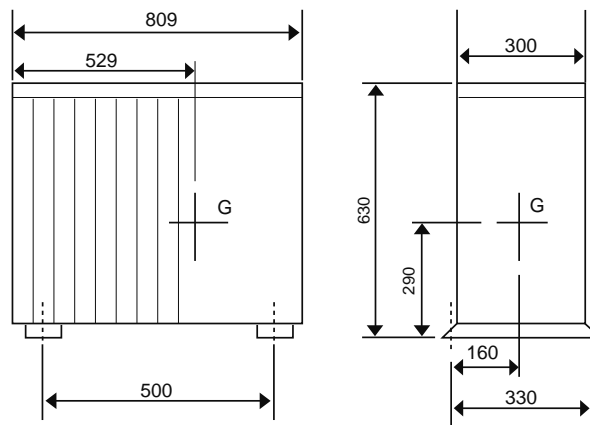
- | | | | |
|--|-----|----------------------------------|---|
| (1) Unit mass | W= | <input type="text" value="46"/> | kg |
| (2) Anchor bolt | | | |
| 1.The total number of bolts. | N= | <input type="text" value="4"/> | |
| 2.The size and shape. | "=M | <input type="text" value="10"/> | type |
| 3.The axis section area per one bolt. | A= | <input type="text" value="78"/> | mm ² = <input type="text" value="78 x10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= | <input type="text" value="2"/> | |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= | <input type="text" value="290"/> | mm= <input type="text" value="0.290"/> m |
| (4) The bolt-span from the examination angle | L= | <input type="text" value="330"/> | mm= <input type="text" value="0.330"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= | <input type="text" value="160"/> | mm(Lg≤L/2)= <input type="text" value="0.160"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | | | |
|---|---|--|---|
| (1) The horizontal seismic coefficient for designing | Kh= | <input type="text" value="1.0"/> | |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= | <input type="text" value="0.5"/> | |
| (3) The horizontal earthquake forces for designing | Fh=Kh·W·9.8= | <input type="text" value="450.8"/> | N |
| (4) The vertical earthquake forces for designing | Fv=Kv·W·9.8= | <input type="text" value="225.4"/> | N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ | = | <input type="text" value="143.4"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= | <input type="text" value="112.7"/> | N |
| (7) The stress arising to the anchor bolt | | | |
| 1.The tensile stress. | $\sigma = R_b/A =$ | <input type="text" value="1.8"/> MPa | < ft=176MPa |
| 2.The shearing stress. | $\tau = Q/A =$ | <input type="text" value="1.4"/> MPa | < fs=101MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | fts'=1.4ft-1.6 $\tau =$ | <input type="text" value="244.2"/> MPa | |
| However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft. | $\sigma =$ | <input type="text" value="1.8"/> MPa | < fts= <input type="text" value="101.0"/> MPa |
| (8) The construction way of the anchor bolt | | | |
| 1.The construction way of the anchor bolt. | = | <input type="text" value="Boxed J type anchor"/> | |
| 2.The thickness of the concrete. | = | <input type="text" value="120"/> mm= | <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = | <input type="text" value="70"/> mm= | <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= | <input type="text" value="3136"/> N | > Rb= <input type="text" value="143"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



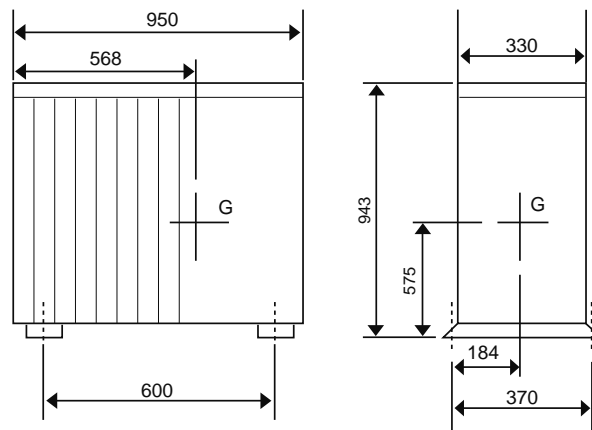
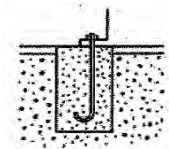
1.Type:
 2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $Rb = \frac{Fh \cdot Hg \cdot (W \cdot 9.8)}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $fts' = 1.4ft - 1.6\tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

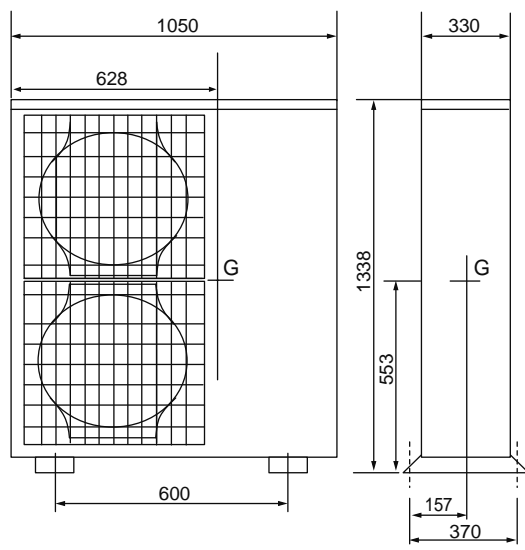
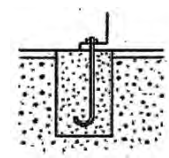
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

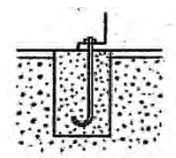
1.Type:
 2.Model name:

3.Specification

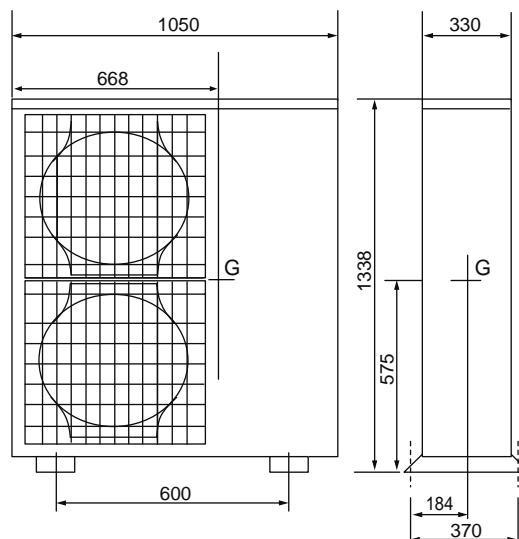
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4ft - 1.6\tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

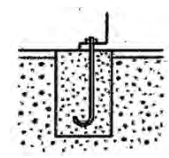
2.Model name:

3.Specification

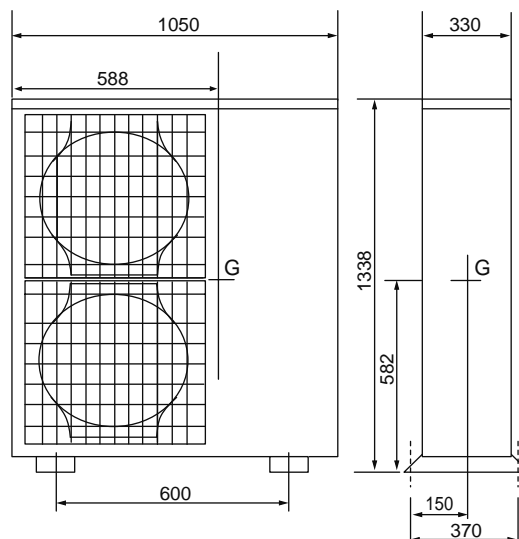
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

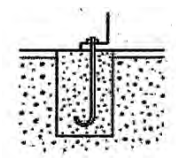
1.Type:
 2.Model name:

3.Specification

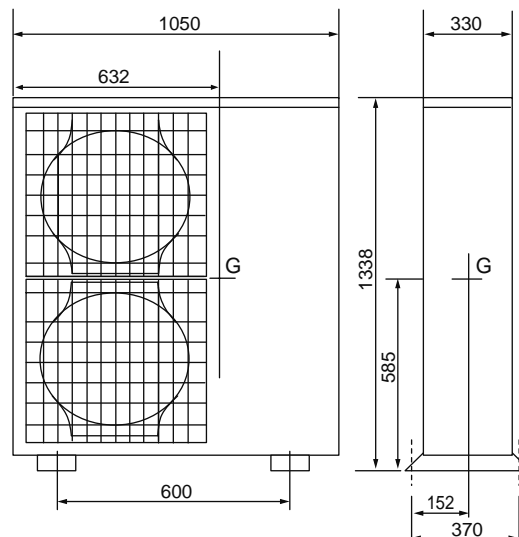
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

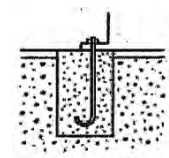
2.Model name:

3.Specification

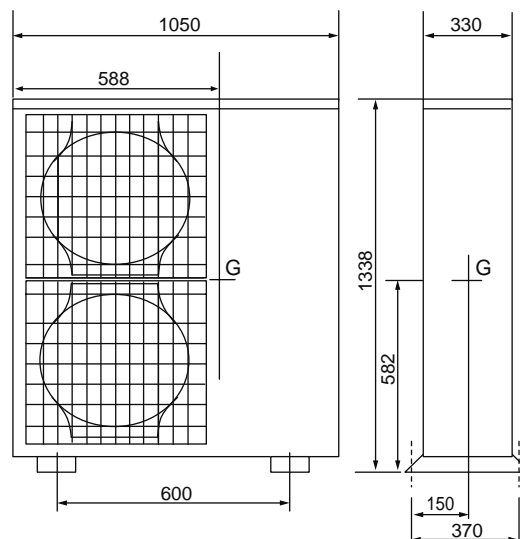
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



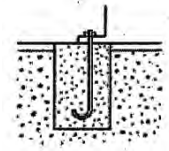
1.Type:
 2.Model name:

3.Specification

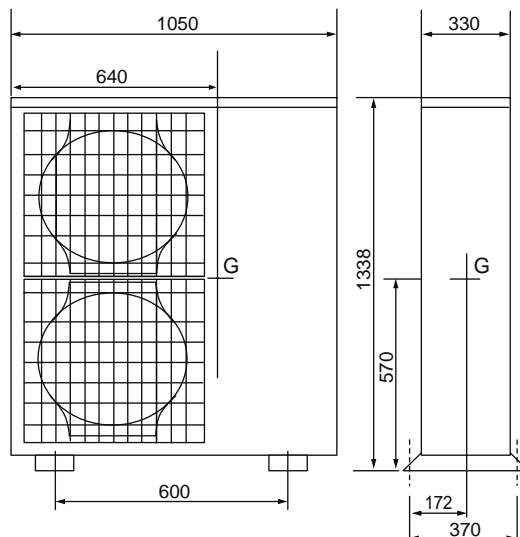
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4f_t - 1.6\tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

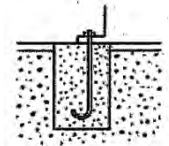
2.Model name:

3.Specification

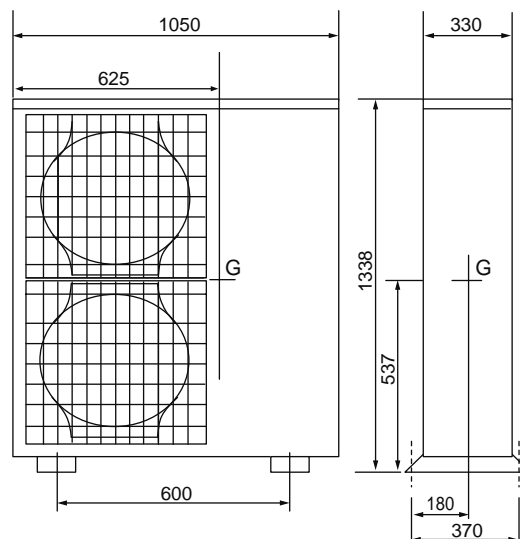
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

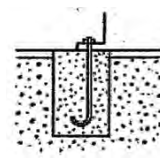
1.Type:
 2.Model name:

3.Specification

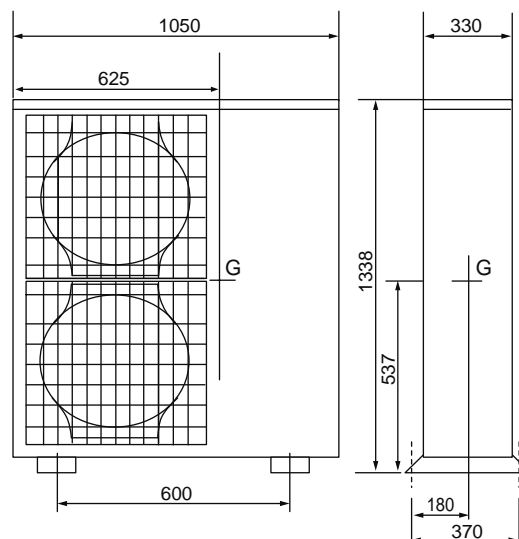
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t' = 1.4f_t - 1.6\tau =$ MPa
 However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

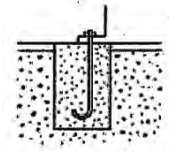
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= × 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

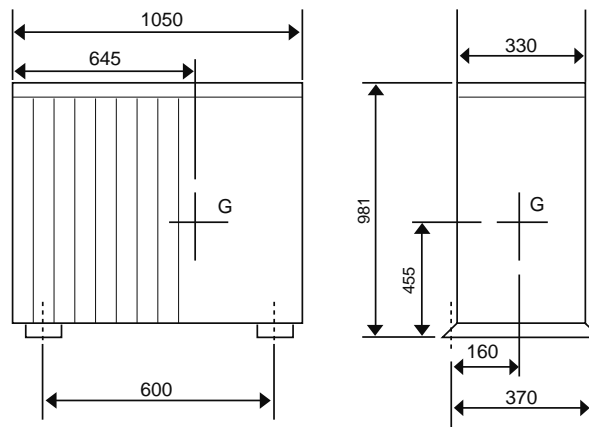
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t' = 1.4f_t - 1.6\tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



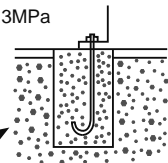
1.Type:
 2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. M=" type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

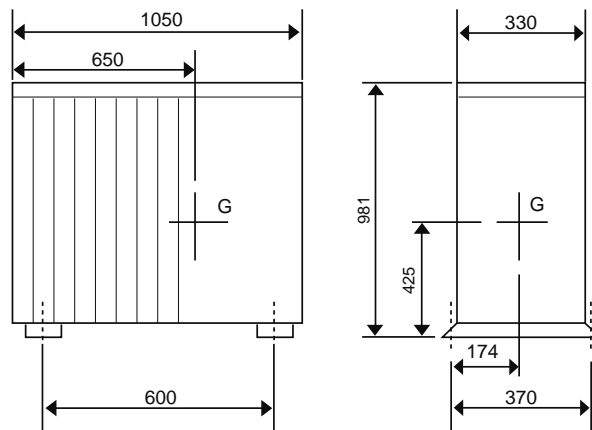
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:
 2.Model name:

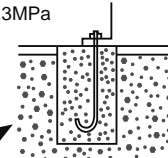
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

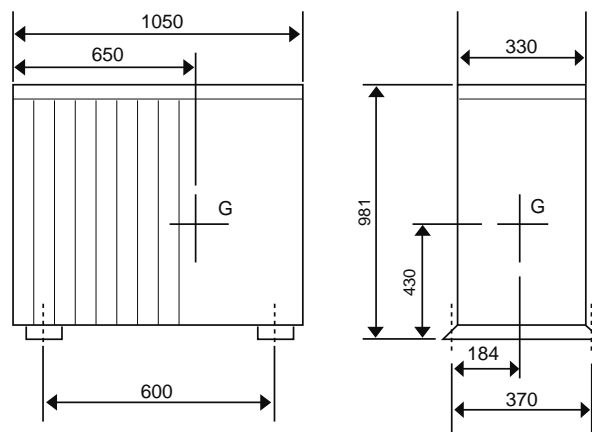
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = N$
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b / A = MPa < f_t = 176.4 MPa$
- 2.The shearing stress. $\tau = Q / A = MPa < f_s = 132.3 MPa$
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = MPa$
 $\sigma = MPa < f_{ts} = MPa$



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

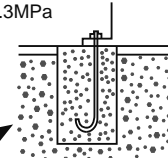
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. M=" type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

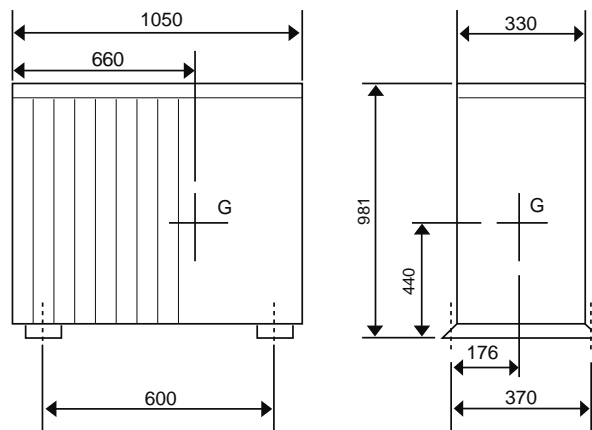
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft=176.4MPa
- 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
- 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ= MPa
 $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

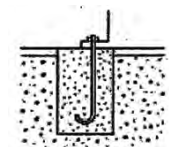
2.Model name:

3.Specification

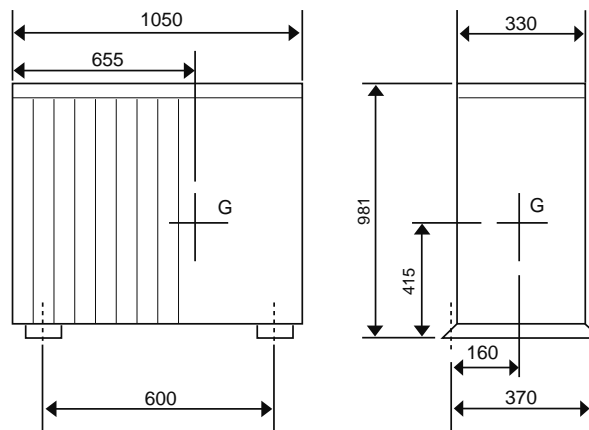
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

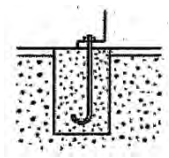
2.Model name:

3.Specification

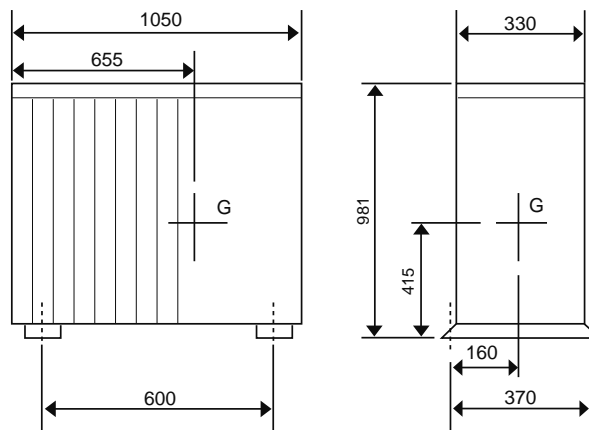
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

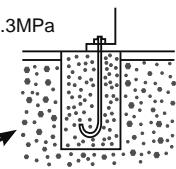
1.Type:
 2.Model name:

3.Specification

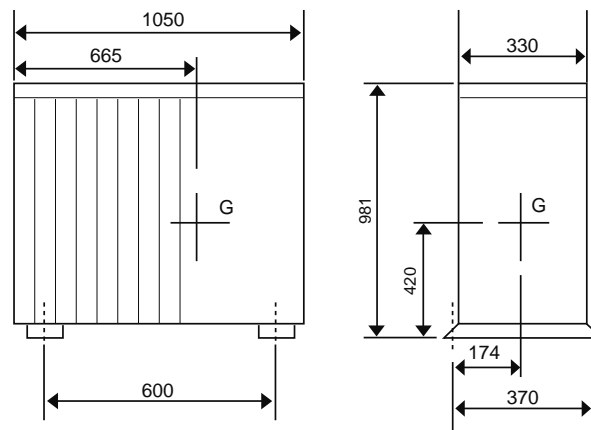
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

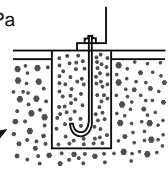
():Service Ref.

3.Specification

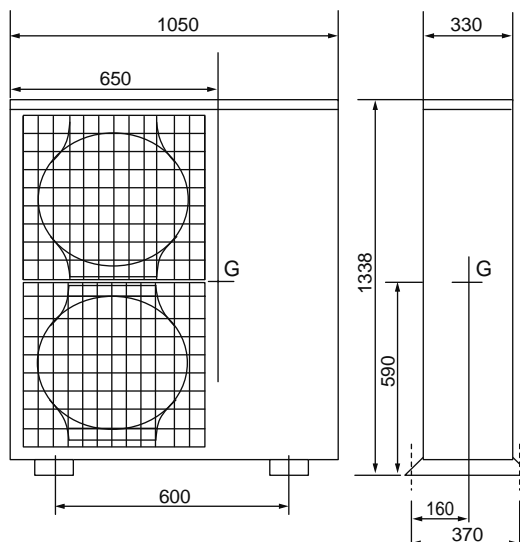
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

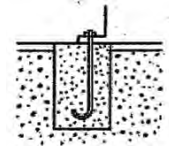
2.Model name:

3.Specification

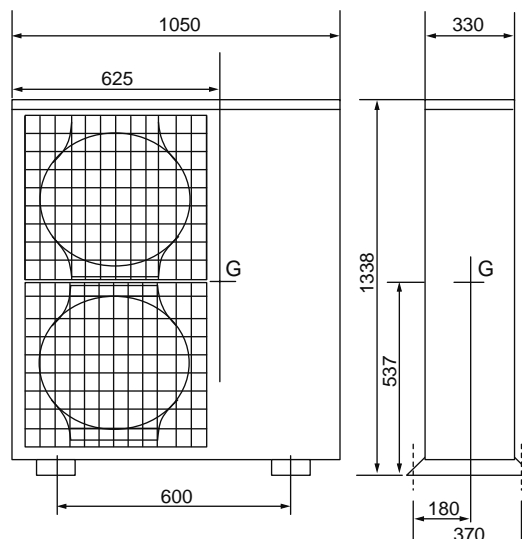
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - L \cdot N_t)}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=101MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_t s' = 1.4 f_t - 1.6 \tau =$ MPa
However fts equals fts' when fts' less than or equal to ft, and fts equal ft when fts' is greater ft.
 $\sigma =$ MPa < fts= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

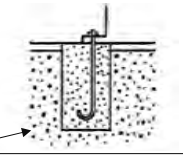
2.Model name:

3.Specification

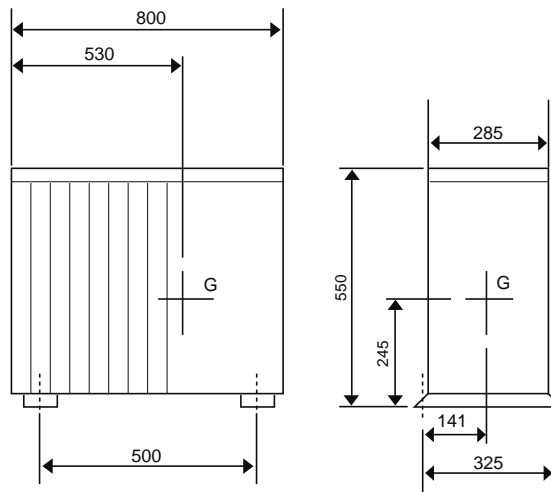
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
 - (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
 - (4) The bolt-span from the examination angle L= mm= m
 - (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft = 176.4 MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

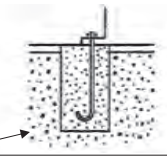
1.Type:
 2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

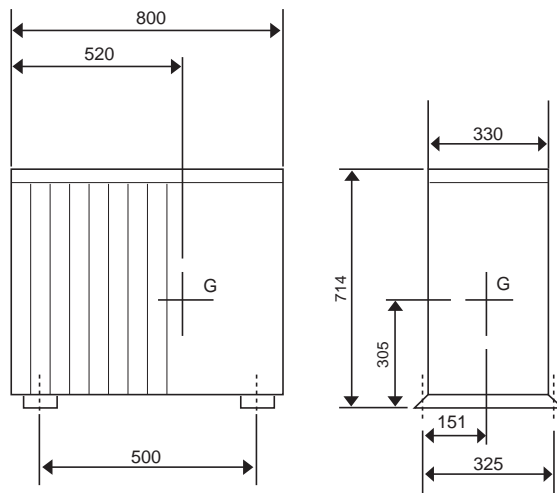
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= N
- (2) The vertical seismic coefficient for designing Kv=Kh/2= N
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft = 176.4 MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm = m
 - 3.The length of buried part of bolt. = mm = m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

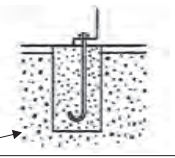
1.Type:
 2.Model name:

3.Specification

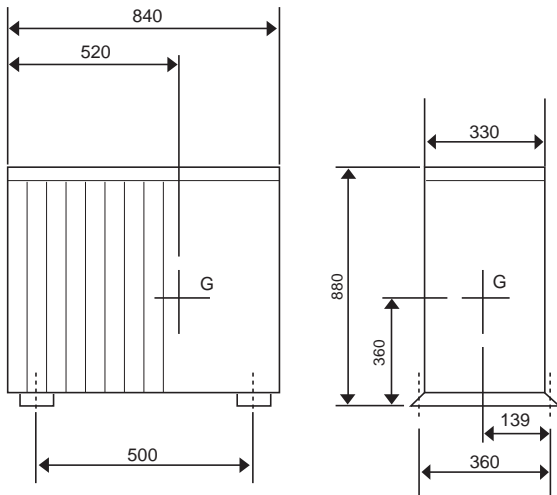
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft = 176.4 MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs = 132.3 MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $fts = 1.4ft - 1.6\tau =$ MPa
 $\sigma =$ MPa < $fts =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

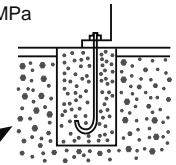
1.Type:
 2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

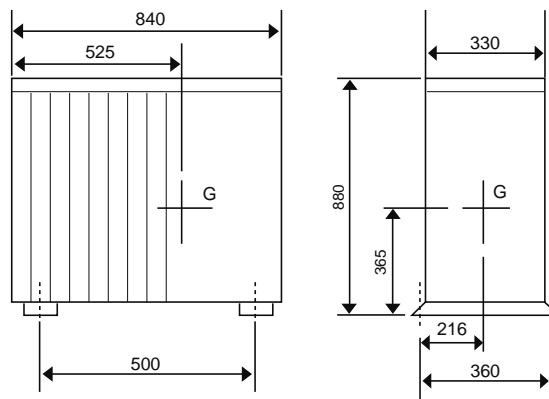
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb N

Since the results from the examination above, the anchor bolt has enough strength



A.8.6.2 R410A type

1.Type:

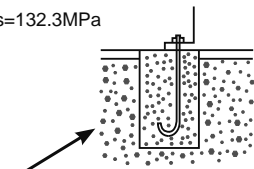
2.Model name:

3.Specification

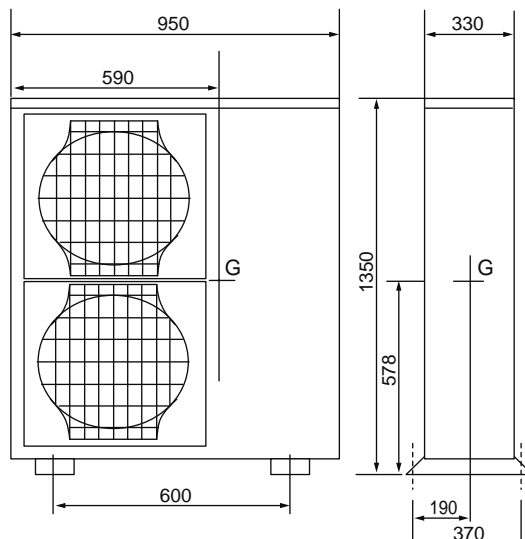
- | | |
|--|---|
| (1) Unit mass | W= <input type="text" value="120"/> kg |
| (2) Anchor bolt | |
| 1.The total number of bolts. | N= <input type="text" value="4"/> |
| 2.The size and shape. | "=M <input type="text" value="10"/> type |
| 3.The axis section area per one bolt. | A= <input type="text" value="78"/> mm ² = <input type="text" value="78x10<sup>-6"/> "/> m ² |
| 4.The total number of bolts in one side which be pulled stronger when the unit inverted. | Nt= <input type="text" value="2"/> |
| (3) The height between the installing surface and the center of gravity of the unit | Hg= <input type="text" value="578"/> mm= <input type="text" value="0.578"/> m |
| (4) The bolt-span from the examination angle | L= <input type="text" value="370"/> mm= <input type="text" value="0.370"/> m |
| (5) The distance between the center of bolt and the center of gravity of the unit | Lg= <input type="text" value="190"/> mm(Lg ≤ L/2)= <input type="text" value="0.190"/> m |

4.The examination calculation (by rounding off to the first decimal place of each item)

- | | |
|---|--|
| (1) The horizontal seismic coefficient for designing | Kh= <input type="text" value="1.0"/> |
| (2) The vertical seismic coefficient for designing | Kv=Kh/2= <input type="text" value="0.5"/> |
| (3) The horizontal earthquake forces for designing | Fh=Kh · W · 9.8= <input type="text" value="1176.0"/> N |
| (4) The vertical earthquake forces for designing | Fv=Kv · W · 9.8= <input type="text" value="588.0"/> N |
| (5) The withdrawal strength of the anchor bolt | $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = <input type="text" value="767.6"/> N |
| (6) The shear forces of the anchor bolt | Q=Fh/N= <input type="text" value="294.0"/> N |
| (7) The stress arising to the anchor bolt | |
| 1.The tensile stress. | $\sigma = R_b / A =$ <input type="text" value="9.8"/> MPa < ft=176.4MPa |
| 2.The shearing stress. | $\tau = Q / A =$ <input type="text" value="3.8"/> MPa < fs=132.3MPa |
| 3.The stress when affected by both the shearing and the tensile at the same time. | $f_{ts} = 1.4ft - 1.6\tau =$ <input type="text" value="240.9"/> MPa |
| | $\sigma =$ <input type="text" value="9.8"/> MPa < $f_{ts} =$ <input type="text" value="240.9"/> MPa |
| (8) The construction way of the anchor bolt | |
| 1.The construction way of the anchor bolt. | = <input type="text" value="Boxed J type anchor"/> |
| 2.The thickness of the concrete. | = <input type="text" value="120"/> mm= <input type="text" value="0.120"/> m |
| 3.The length of buried part of bolt. | = <input type="text" value="70"/> mm= <input type="text" value="0.070"/> m |
| 4.The permissible withdrawal weight. | Ta= <input type="text" value="3136"/> N > Rb= <input type="text" value="768"/> N |



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type: ZUBADAN Outdoor unit

2.Model name: PUHZ-SHW112YHA(-BS) PUHZ-SHW140YHA(-BS)

3.Specification

- (1) Unit mass W= 134 kg
- (2) Anchor bolt
 - 1.The total number of bolts. N= 4
 - 2.The size and shape. "M 10 type
 - 3.The axis section area per one bolt. A= 78 mm²= 78 x 10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 578 mm= 0.578 m
- (4) The bolt-span from the examination angle L= 370 mm= 0.370 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 190 mm(Lg ≤ L/2)= 0.190 m

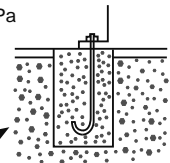
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= 1313.2 N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= 656.6 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 853.6 N
- (6) The shear forces of the anchor bolt Q=Fh/N= 328.3 N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b/A = 10.9$ MPa < ft=176.4MPa
- 2.The shearing stress. $\tau = Q/A = 4.2$ MPa < fs=132.3MPa
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma = 240.2$ MPa < fts= 240.2 MPa

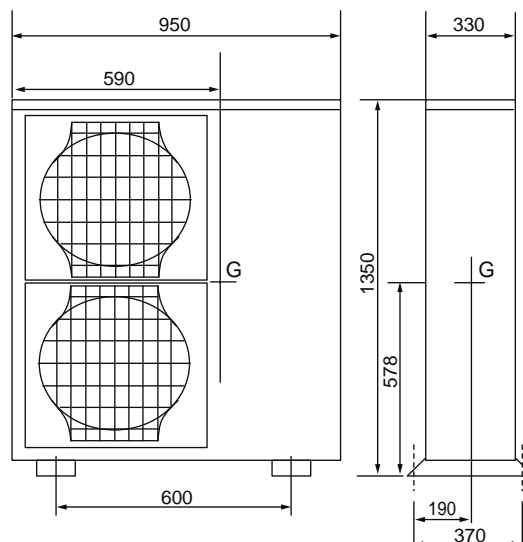
$\sigma = 10.9$ MPa

< fts= 240.2 MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. = Boxed J type anchor
 - 2.The thickness of the concrete. = 120 mm= 0.120 m
 - 3.The length of buried part of bolt. = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight. Ta= 3136 N > Rb= 854 N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type: ZUBADAN Outdoor unit

2.Model name: PUHZ-SHW230YKA2

3.Specification

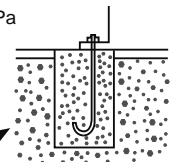
- (1) Unit mass W= 149 kg
- (2) Anchor bolt
 - 1.The total number of bolts N= 4
 - 2.The size and shape "M 10 type
 - 3.The axis section area per one bolt A= 78 mm²= 78 ×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 590 mm= 0.590 m
- (4) The bolt-span from the examination angle L= 370 mm= 0.370 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 190 mm(Lg ≤ L/2)= 0.190 m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= 1460.2 N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 730.1 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 976.8 N
- (6) The shear forces of the anchor bolt Q=Fh/N= 365.1 N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress $\sigma = R_b/A = 12.5$ MPa < ft=176.4MPa
 - 2.The shearing stress $\tau = Q/A = 4.7$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time $f_{ts} = 1.4ft - 1.6\tau = 239.4$ MPa

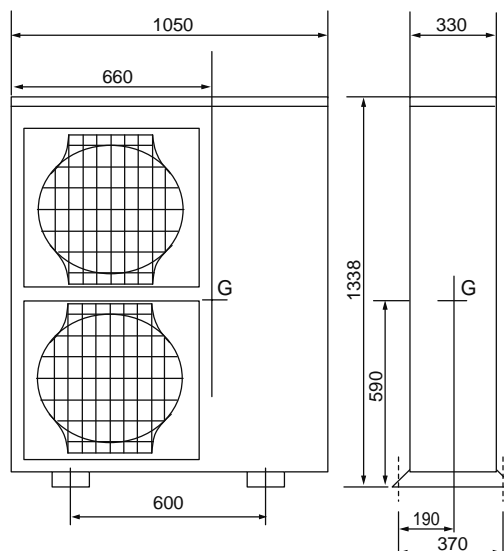
$\sigma = 12.5$ MPa

< fts= 239.4 MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt = Boxed J type anchor
 - 2.The thickness of the concrete = 120 mm= 0.120 m
 - 3.The length of buried part of bolt = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight Ta= 3136 N > Rb= 977 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

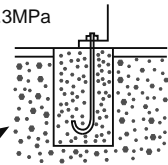
2.Model name:

3.Specification

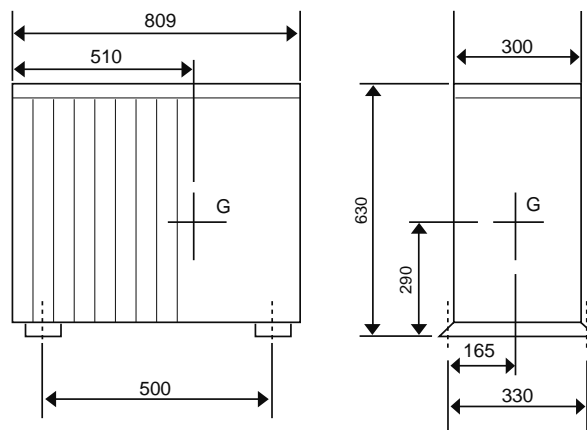
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

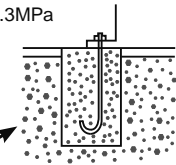
2.Model name:

3.Specification

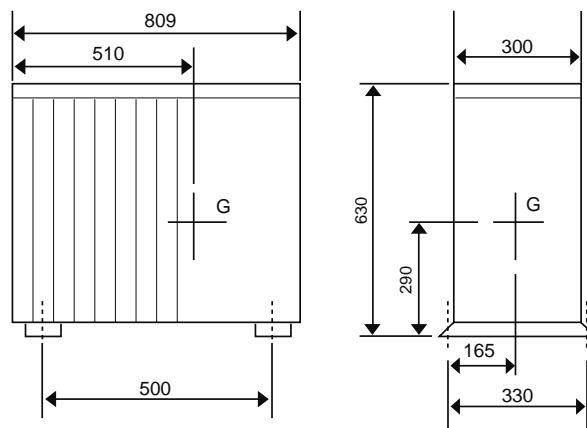
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ= MPa
 $\sigma =$ MPa < fs= MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

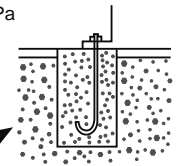
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau - 1.6\sigma =$ MPa

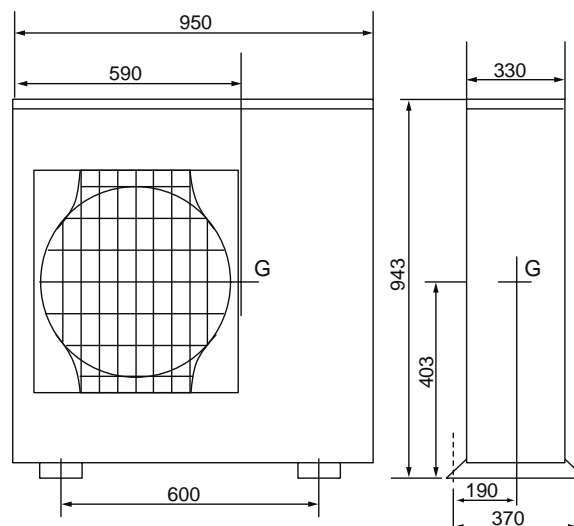
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

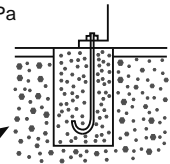
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

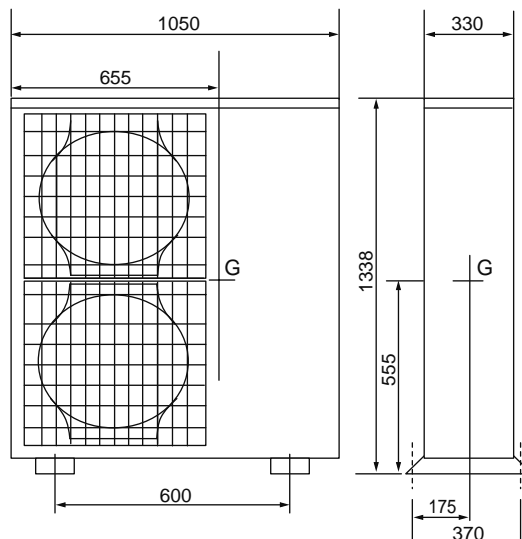
$\sigma =$ MPa

< fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

3.Specification

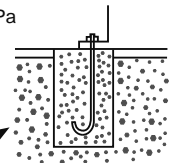
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa

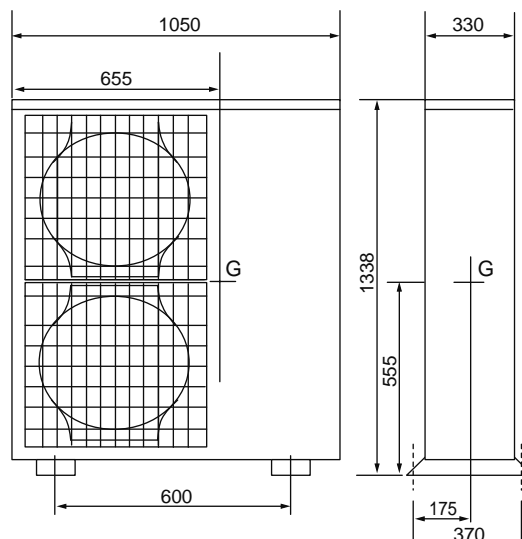
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

3.Specification

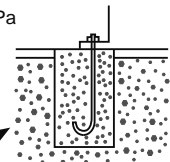
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

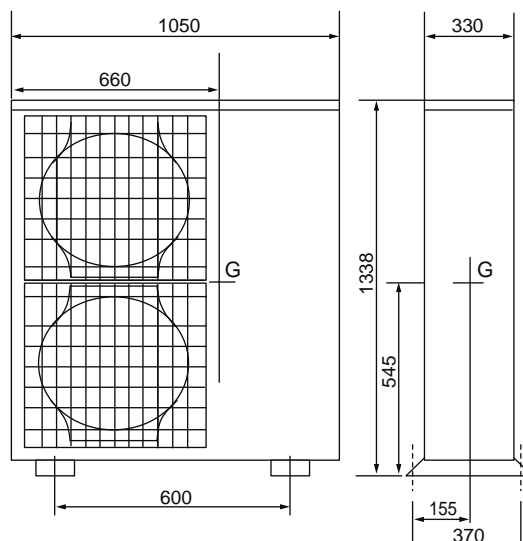
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

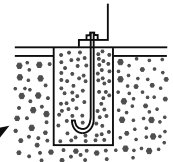
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa

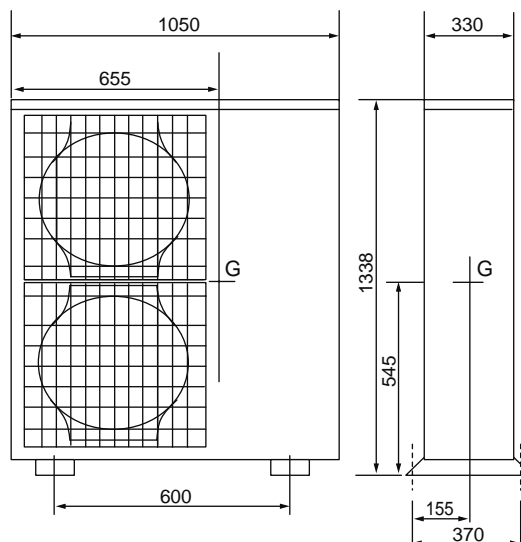
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

3.Specification

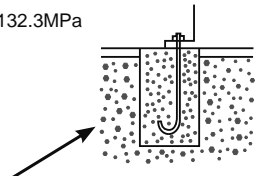
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

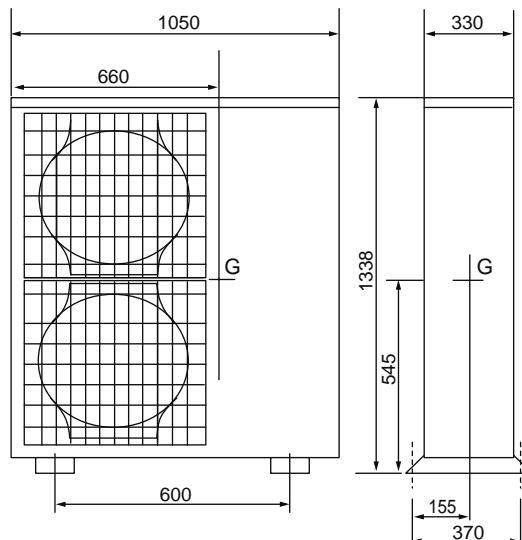
$\sigma =$ MPa

< fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

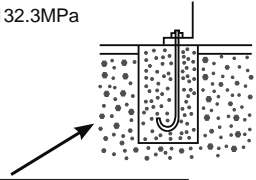
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg ≤ L/2)= m

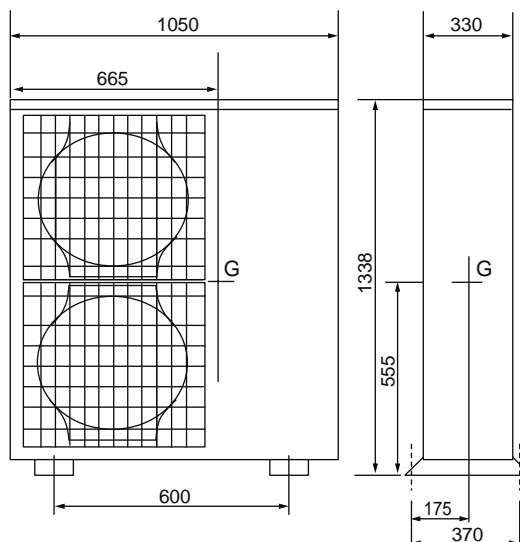
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh · W · 9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv · W · 9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ= MPa
 $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

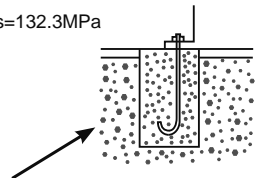
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = N$
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A = MPa < f_t = 176.4MPa$
 - 2.The shearing stress. $\tau = Q/A = MPa < f_s = 132.3MPa$
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = MPa$

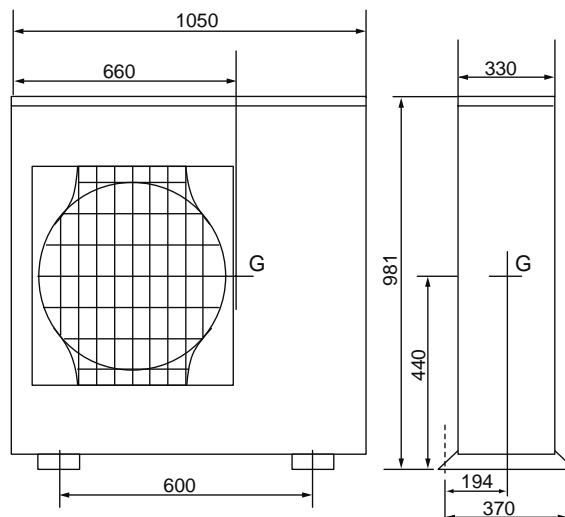
$\sigma = MPa$

$< f_{ts} = MPa$



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

3.Specification

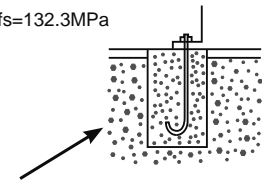
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa

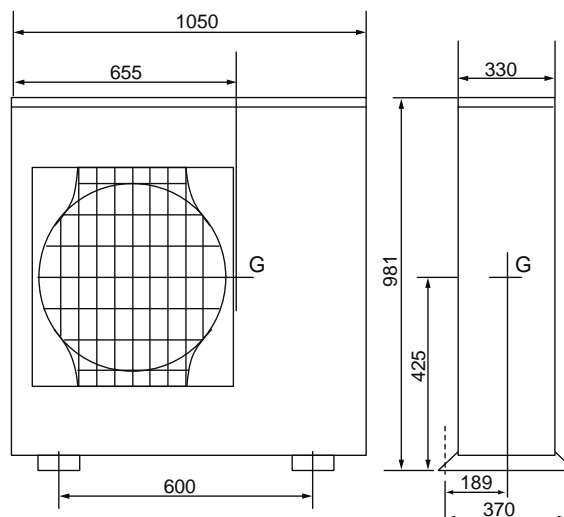
$\sigma =$ MPa

< $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

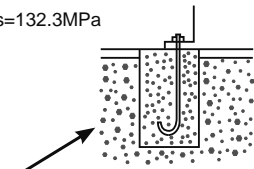
2.Model name:

3.Specification

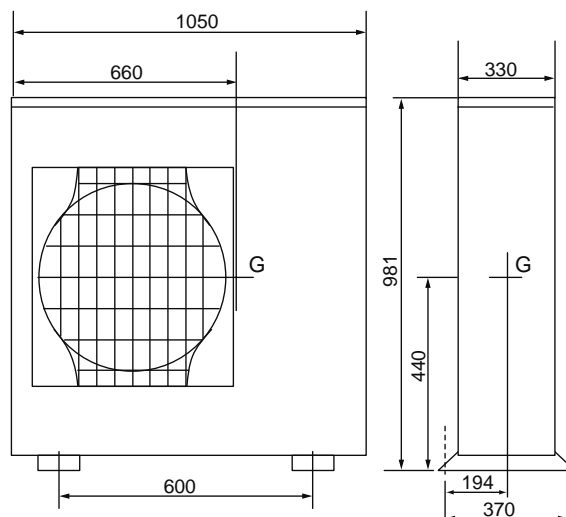
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

2.Model name:

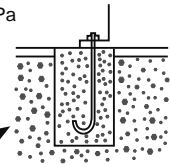
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

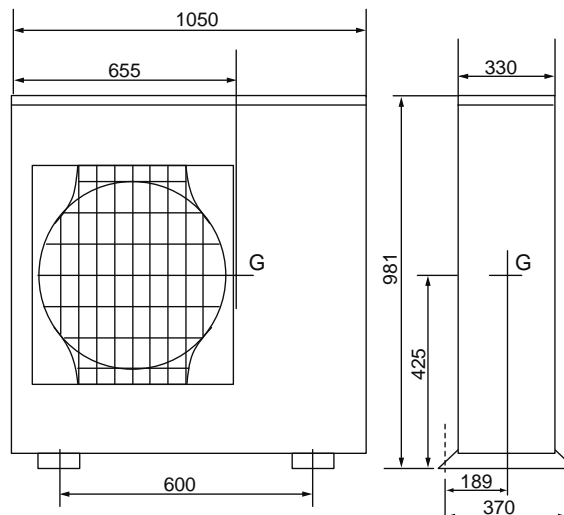
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4ft - 1.6\tau =$ MPa

$\sigma =$ MPa $<$ $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength



1.Type:

2.Model name:

3.Specification

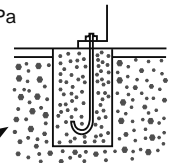
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= "/> m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa

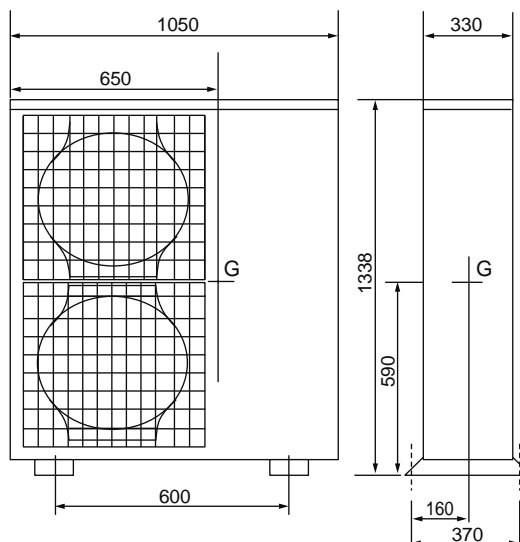
$\sigma =$ MPa

< fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type:

2.Model name:

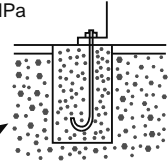
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

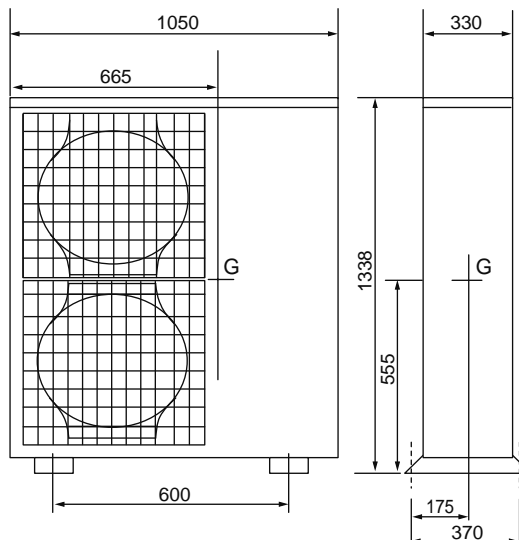
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt Rb= $\frac{Fh \cdot Hg - (W \cdot 9.8 - Fv) \cdot Lg}{L \cdot Nt}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = Rb/A =$ MPa < ft=176.4MPa
- 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
- 3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ= MPa
 $\sigma =$ MPa < fts= MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type: Economy Inverter Outdoor unit

2.Model name: SUZ-SA71VA3

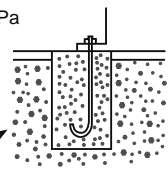
3.Specification

- (1) Unit mass W= 52 kg
- (2) Anchor bolt
 - 1.The total number of bolts. N= 4
 - 2.The size and shape. "=M 10 type
 - 3.The axis section area per one bolt. A= 78 mm²= 78×10⁻⁶ m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt= 2
- (3) The height between the installing surface and the center of gravity of the unit Hg= 340 mm= 0.340 m
- (4) The bolt-span from the examination angle L= 360 mm= 0.360 m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= 165 mm(Lg≤L/2)= 0.165 m

4.The examination calculation (by rounding off to the first decimal place of each item)

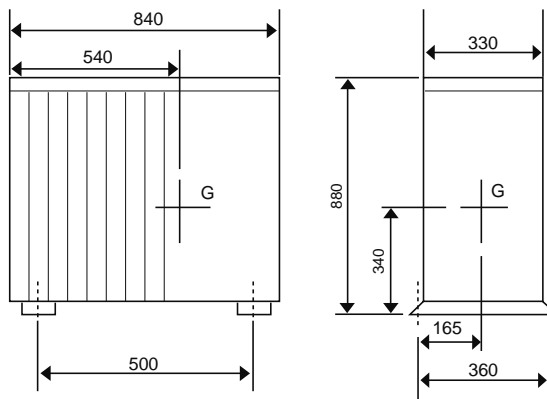
- (1) The horizontal seismic coefficient for designing Kh= 1.0
- (2) The vertical seismic coefficient for designing Kv=Kh/2= 0.5
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= 509.6 N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= 254.8 N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = 182.3 N
- (6) The shear forces of the anchor bolt Q=Fh/N= 127.4 N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b/A = 2.3 \text{ MPa} < f_t = 176.4 \text{ MPa}$
- 2.The shearing stress. $\tau = Q/A = 1.6 \text{ MPa} < f_s = 132.3 \text{ MPa}$
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau = 244.4 \text{ MPa}$
 $\sigma = 2.3 \text{ MPa} < f_{ts} = 244.4 \text{ MPa}$



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. = Boxed J type anchor
 - 2.The thickness of the concrete. = 120 mm= 0.120 m
 - 3.The length of buried part of bolt. = 70 mm= 0.070 m
 - 4.The permissible withdrawal weight. T_a= 3136 N > R_b 182 N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

Earthquake-proof strength analysis <Anchor bolt>

1.Type:

2.Model name:

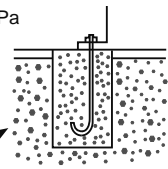
3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

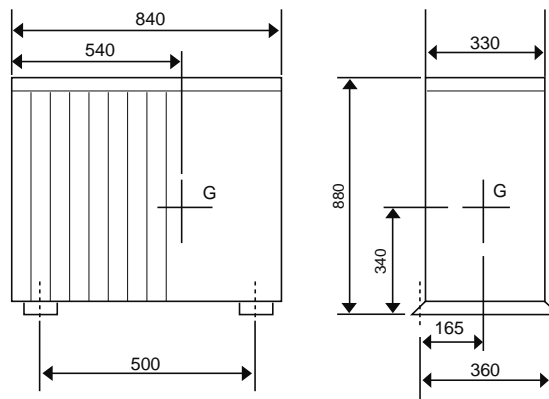
- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt

- 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
- 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
- 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4f_t - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb N

Since the results from the examination above, the anchor bolt has enough strength



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

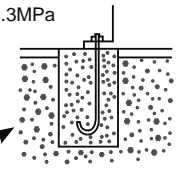
2.Model name:

3.Specification

- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

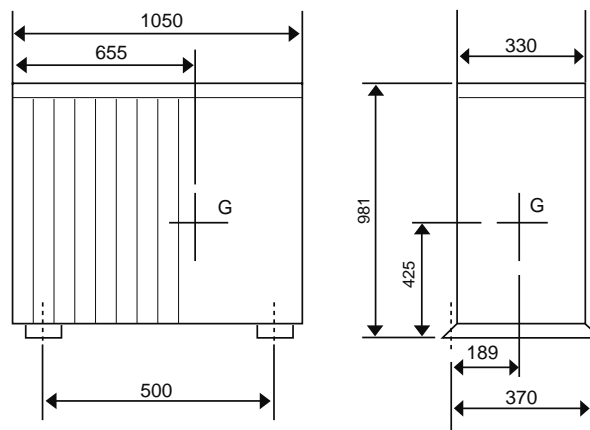
4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa



- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N

Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

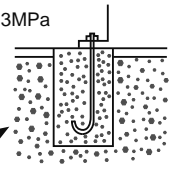
2.Model name:

3.Specification

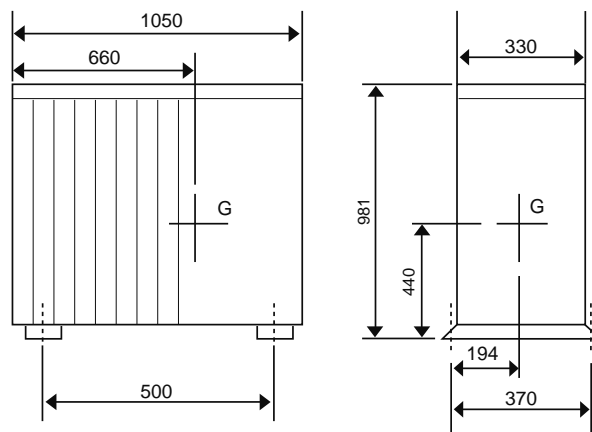
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\sigma - 1.6\tau =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

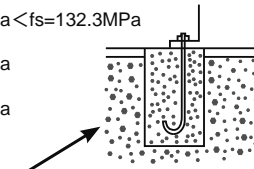
2.Model name:

3.Specification

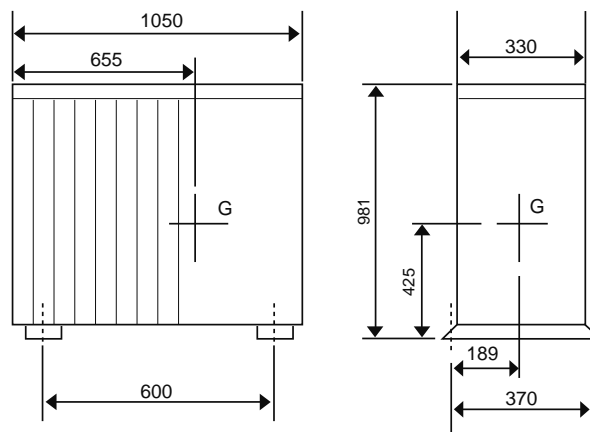
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts. N=
 - 2.The size and shape. "=M type
 - 3.The axis section area per one bolt. A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted. Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g - (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t}$ = N
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress. $\sigma = R_b/A =$ MPa < ft=176.4MPa
 - 2.The shearing stress. $\tau = Q/A =$ MPa < fs=132.3MPa
 - 3.The stress when affected by both the shearing and the tensile at the same time. $f_{ts} = 1.4\tau + 1.6\sigma =$ MPa
 $\sigma =$ MPa < $f_{ts} =$ MPa
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt. =
 - 2.The thickness of the concrete. = mm= m
 - 3.The length of buried part of bolt. = mm= m
 - 4.The permissible withdrawal weight. Ta= N > Rb= N



Since the results from the examination above, the anchor bolt has enough strength.



OUTDOOR UNIT EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type:

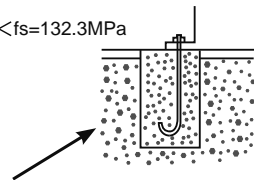
2.Model name:

3.Specification

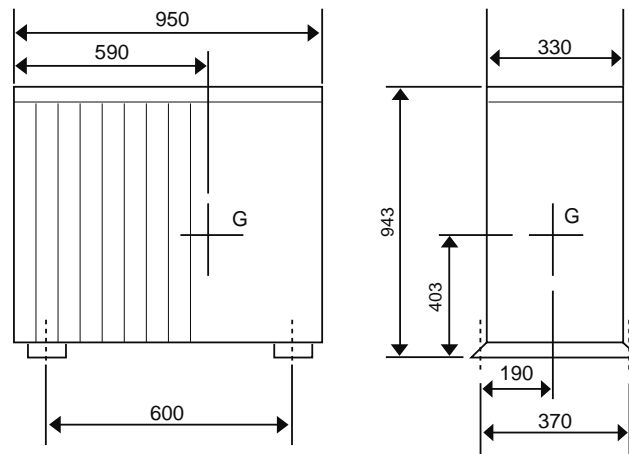
- (1) Unit mass W= kg
- (2) Anchor bolt
 - 1.The total number of bolts N=
 - 2.The size and shape "=M type
 - 3.The axis section area per one bolt A= mm²= m²
 - 4.The total number of bolts in one side which be pulled stronger when the unit inverted Nt=
- (3) The height between the installing surface and the center of gravity of the unit Hg= mm= m
- (4) The bolt-span from the examination angle L= mm= m
- (5) The distance between the center of bolt and the center of gravity of the unit Lg= mm(Lg≤L/2)= m

4.The examination calculation (by rounding off to the first decimal place of each item)

- (1) The horizontal seismic coefficient for designing Kh=
- (2) The vertical seismic coefficient for designing Kv=Kh/2=
- (3) The horizontal earthquake forces for designing Fh=Kh·W·9.8= N
- (4) The vertical earthquake forces for designing Fv=Kv·W·9.8= N
- (5) The withdrawal strength of the anchor bolt $R_b = \frac{F_h \cdot H_g \cdot (W \cdot 9.8 - F_v) \cdot L_g}{L \cdot N_t} = N$
- (6) The shear forces of the anchor bolt Q=Fh/N= N
- (7) The stress arising to the anchor bolt
 - 1.The tensile stress $\sigma = R_b/A = MPa < f_t = 176.4 MPa$
 - 2.The shearing stress $\tau = Q/A = MPa < f_s = 132.3 MPa$
 - 3.The stress when affected by both the shearing and the tensile at the same time $f_{ts} = 1.4\sigma + 1.6\tau = MPa$
 $\sigma = MPa < f_{ts} = MPa$
- (8) The construction way of the anchor bolt
 - 1.The construction way of the anchor bolt =
 - 2.The thickness of the concrete = mm= m
 - 3.The length of buried part of bolt = mm= m
 - 4.The permissible withdrawal weight T_a= N > R_b= N



Since the results from the examination above, the anchor bolt has enough strength.

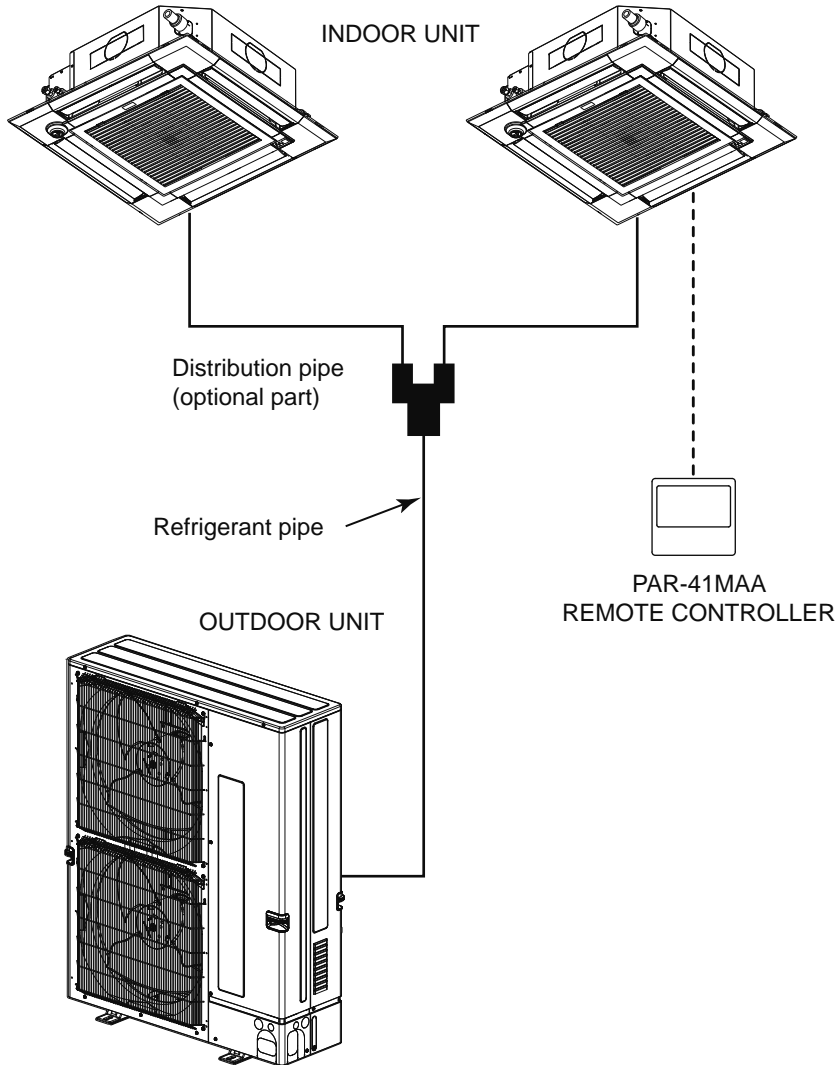


A.9 MULTI SYSTEM

A.9.1	2,3 & 4-WAY MULTI SYSTEM.....	A-592
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A.9.2.1	Combination chart	A-593
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1.2.	R410A type	A-593
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A.9.1 2,3 & 4-WAY MULTI SYSTEM

A single outdoor unit has sufficient power to serve up to 4 indoor units, and 1 remote controller can be used to manage all unit. If 2 remote controllers are available, they can be used as main and sub control terminals. Multi-Distributor piping for greater system installation flexibility is also available.

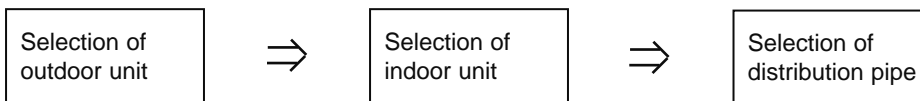


MULTI SYSTEM 2. 3&4-WAY MULTI SYSTEM

Advantage of Mr.Slim Multi System

- 1) Equally comfortable air conditioning for big space with multiple indoor units.
- 2) Various indoor unit combinations available.
- 3) Reduction of installation space of outdoor unit.
- 4) Automatic address setting for easy installation.

Procedure of selection



A.9.2 MULTI SYSTEM COMBINATION CHART

A.9.2.1. Combination chart

1.1. R32 type

PUZ-ZM-VHA2 PUZ-ZM-VKA2 PUZ-ZM-YKA2

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
ZM71	35x2	—	—	—
ZM100	50x2	—	35x3	—
ZM125	60x2	—	50x3	35x4
ZM140	71x2	—	50x3	35x4
ZM200	—	100x2	60x3	50x4
ZM250	—	125x2	71x3	60x4
Distribution pipe	MSDD-50TR2-E	MSDD-50WR2-E	MSDT-111R3-E	MSDF-1111R2-E

Please refer to A-4 for more detail.

PUZ-M-VKA2 PUZ-M-YKA2

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
M100	50x2	—	35x3	—
M125	60x2	—	50x3	35x4
M140	71x2	—	50x3	—
M200	—	100x2	60x3	50x4
M250	—	125x2	71x3	60x4
Distribution pipe	MSDD-50TR2-E	MSDD-50WR2-E	MSDT-111R3-E	MSDT-111R2-E

Please refer to A-4 for more detail.

PUZ-SM-VKA PUZ-SM-YKA

Outdoor unit	Indoor unit	
	Twin	Triple
SM100	—	—
SM125	—	—
SM140	71x2	—
Distribution pipe	MSDD-50TR2-E	—

Please refer to A-4 for more detail.

1.2. R410A type

PUHZ-SHW-V(Y)(2)(-BS)

PUHZ-ZRP-VHA2 PUHZ-ZRP-VKA2(3) PUHZ-ZRP-YKA3

PUHZ-P-VKA PUHZ-P-YKA(3)

Outdoor unit	Indoor unit			
	Twin		Triple	Quadruple
ZRP71	35x2	—	—	—
ZRP100,SHW112,P100	50x2	—	35x3 (ZRP100)	—
ZRP125,SHW140,P125	60x2	—	50x3 (ZRP125)	35x4 (ZRP125)
ZRP140,P140	71x2	—	50x3	35x4 (ZRP140)
ZRP200,P200	—	100x2	60x3	50x4
SHW230	—	100x2	—	—
ZRP250,P250	—	125x2	71x3	60x4
Distribution pipe	MSDD-50TR-E	MSDD-50WR-E	MSDT-111R-E	MSDF-1111R-E

Please refer to A-4 for more detail.

A.9.3 REFRIGERANT PIPING

A.9.3.1 R32 type

■PUZ-ZM35VKA2 PUZ-ZM50VKA2 PUZ-ZM71VHA2 PUZ-ZM100VKA2 PUZ-ZM125VKA2
 PUZ-ZM140VKA2 PUZ-ZM100YKA2 PUZ-ZM125YKA2 PUZ-ZM140YKA2

1. PIPE LENGTH

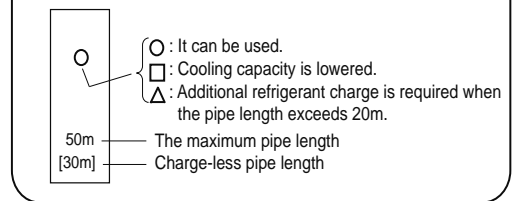
(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	φ6.35			φ9.52			φ12.7	
	Thickness	t0.8			t0.8			t0.8	
Gas pipe (mm)	OD	φ9.52	φ12.7	φ15.88	φ12.7	φ15.88	φ19.05	φ15.88	φ19.05
	Thickness	t0.8	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0
ZM35,50		□ 30m *1 [30m]	Standard size 50m [30m]	○*2 30m [30m]	△ 30m [20m]	△*2 30m [20m]	/	/	/
ZM60,71		/	□ 10m [10m]	○ 10m [10m]	□ 30m [30m]	Standard size 55m [30m]	/	△ 30m [20m]	/
ZM100,125,140		/	/	/	/	Standard size 100m*3 [40m]	○ 50m [30m]	△ 50m [20m]	△ 50m [20m]

<Marks in the table>



- *1. ZM50 : maximum pipe length is 10m.
- *2. Change the SW8-1 on the outdoor controller circuit board from OFF to ON.
- *3. The maximum length is 100m in case of new pipes.

(2) TWIN, TRIPLE AND QUADRUPLE SYSTEM

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	ZM71(35×2)			ZM100(50×2)			ZM125(60×2) • ZM140(71×2)			
		φ6.35	φ9.52	φ15.88	φ9.52	φ12.7	φ19.05	φ9.52	φ12.7	φ19.05	
Branch pipe (mm) [B, C]	Liquid pipe	φ6.35	Standard size 55m [30m]	Standard size 100m* [40m]	○ 50m [30m]	△ 50m [20m]	/	/	/	/	
	Gas pipe	φ12.7	/	/	/	/	/	/	/	/	
	Liquid pipe	φ9.52	/	/	○ 50m [30m]	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 100m* [40m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	φ15.88	/	/	/	/	/	/	/	/	/
	Liquid pipe	φ12.7	/	/	/	/	/	/	/	/	/
	Gas pipe	φ19.05	/	/	/	/	/	/	/	/	/

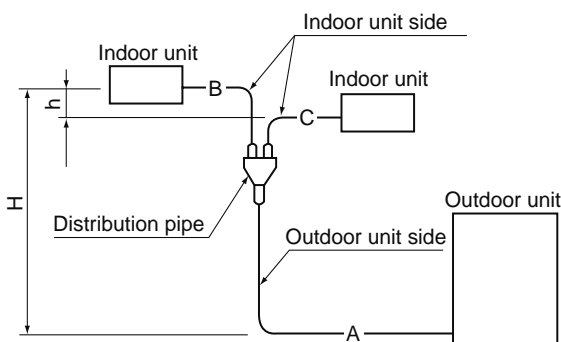
* The maximum length is 100 m in case of new pipes.

(b) TRIPLE SYSTEM

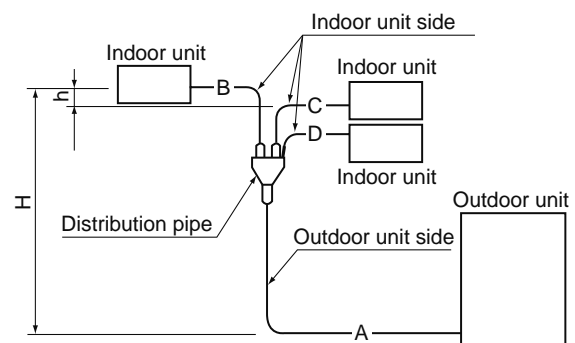
<Table 3> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	ZM140(50×3)			
		φ9.52	φ9.52	φ12.7	
Branch pipe (mm) [B, C, D]	Gas pipe	φ15.88	φ19.05	φ19.05	
	Liquid pipe	φ6.35	Standard size 100m* [40m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	φ12.7	/	/	/
	Liquid pipe	φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	φ15.88	/	/	/
	Liquid pipe	φ12.7	/	/	/
Gas pipe	φ19.05	/	/	/	

* The maximum length is 100 m in case of new pipes.



<TWIN SYSTEM>
 Total length A + B + C
 ZM71 : 55 m
 ZM100,125,140: 100 m



<TRIPLE SYSTEM>
 Total length A + B + C + D
 ZM140: 100 m

■PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2
 PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2

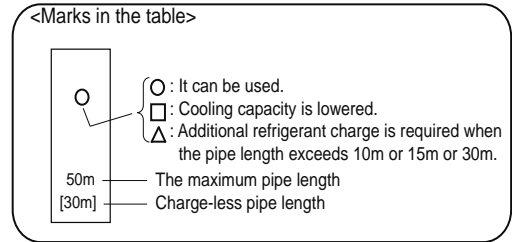
1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length(M100,M125,M140)

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
M100		Standard size 55m [30m]	○ 50m [30m]	△ 25m [15m]	△ 25m [15m]	
M125,M140		Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]	△ 30m [15m]	



(2) TWIN, TRIPLE AND QUADRUPLE SYSTEM

(a) TWIN SYSTEM

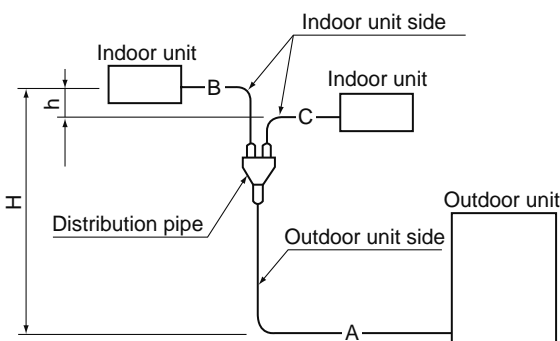
<Table 2> Maximum pipe length(M100,M125,M140)

Main pipe (mm) [A]	Liquid pipe	M100(50×2)			M125(60×2)-M140(71×2)		
		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C]	Gas pipe	ø15.88	ø19.05	ø19.05	ø15.88	ø19.05	ø19.05
	Liquid pipe	ø6.35	Standard size 55m [30m]	○ 50m [30m]	△ 30m [10m]		
ø12.7							
Gas pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [30m]	Standard size 65m [30m]	○ 50m [30m]	△ 30m [15m]
	ø15.88						

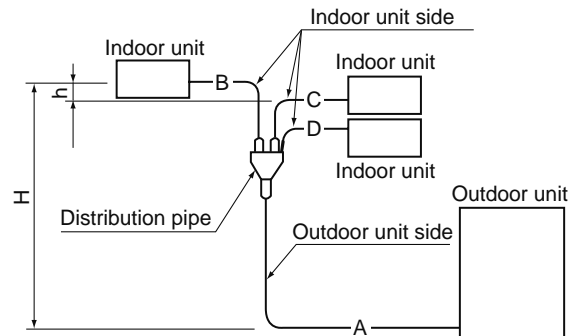
(b) TRIPLE SYSTEM

<Table 3> Maximum pipe length(M140)

Main pipe (mm) [A]	Liquid pipe	M140(50×3)		
		ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C, D]	Gas pipe	ø15.88	ø19.05	ø19.05
	Liquid pipe	ø6.35	Standard size 65m [30m]	○ 50m [30m]
ø12.7				
Gas pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [15m]
	ø15.88			



<TWIN SYSTEM>
 Total length A + B + C
 M125,M140 ≤ 65 m



<TRIPLE SYSTEM>
 Total length A + B + C + D
 M140 ≤ 65 m

MULTI SYSTEM REFRIGERANT PIPING

■PUZ-SM100VKA PUZ-SM125VKA PUZ-SM140VKA
 PUZ-SM100YKA PUZ-SM125YKA PUZ-SM140YKA

1.PIPE LENGTH

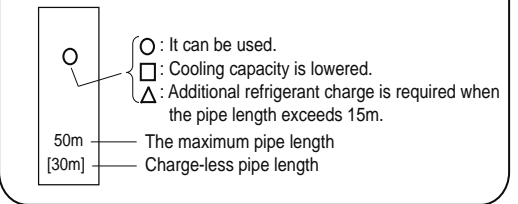
(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
SM100	Standard size	30m	30m	30m	△ 25m	△ 25m
		[30m]	[30m]	[30m]	[15m]	[15m]
SM125,140	Standard size	40m	40m	40m	△ 30m	△ 30m
		[30m]	[30m]	[30m]	[15m]	[15m]

<Marks in the table>



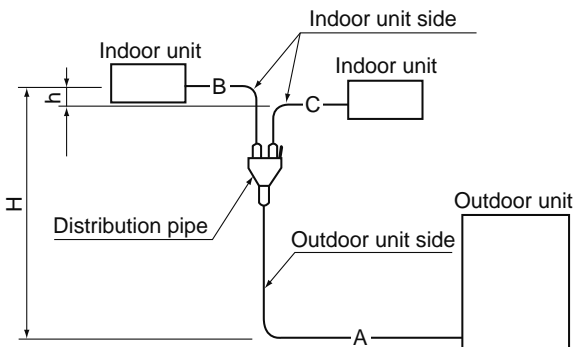
MULTI SYSTEM REFRIGERANT PIPING

(2) TWIN

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

		SM140(71×2)		
Main pipe (mm) [A]	Liquid pipe	ø9.52	ø9.52	ø12.7
	Gas pipe	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C, D]	Liquid pipe ø6.35	Standard size 40m [30m]	○ 40m	△ 30m
	Gas pipe ø12.7		[30m]	[15m]
	Liquid pipe ø9.52	○ 40m	○ 40m	△ 30m
	Gas pipe ø15.88	[30m]	[30m]	[15m]



<TRIPLE SYSTEM>
 Total length A + B + C
 SM140 ≦ 40 m

2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 3, 4 when liquid pipe is 1 size larger than standard diameter.

- **PUZ-ZM35VKA2** **PUZ-ZM100YKA2**
- PUZ-ZM50VKA2** **PUZ-ZM125VKA2**
- PUZ-ZM60VHA2** **PUZ-ZM125YKA2**
- PUZ-ZM71VHA2** **PUZ-ZM140VKA2**
- PUZ-ZM100VKA2** **PUZ-ZM140YKA2**

<Table 3> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-ZM35,50	φ9.52	40 g per 1 m
PUZ-ZM60,71	φ12.7	80 g per 1 m
PUZ-ZM100,125,140	φ12.7	80 g per 1 m

<Table 4> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 20 m
PUZ-ZM71,100,125,140	Additional refrigerant amount $\Delta W(g) = (80 \times L1) + (40 \times L2) + (15 \times L3) - 1600$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

- L1: φ12.7 liquid pipe length (m)
- L2: φ9.52 liquid pipe length (m)
- L3: φ6.35 liquid pipe length (m)

<Table 5> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	55 – 75m	75 – 100m
1 : 1 system	PUZ-ZM35	50m or less	2.0kg	0.15kg	0.3kg	/	/	/
	PUZ-ZM50		2.0kg	0.15kg	0.3kg	/	/	
	PUZ-ZM60, 71	55m or less	2.8kg	0.4kg	0.8kg		/	/
	PUZ-ZM100,125,140	100m or less	3.6kg	/	0.4kg	0.6kg	1.4kg	2.4kg

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	55– 75m	75 – 100m
Twin Triple system	PUZ-ZM71	55m or less	2.8kg	0.4kg	0.8kg		/	/
	PUZ-ZM100,125,140	100m or less	3.6kg	/	0.4kg	0.6kg	1.4kg	2.4kg

MULTI SYSTEM REFRIGERANT PIPING

- Check additional refrigerant charging amount referring to table 6, 7 when liquid pipe is 1 size larger than standard diameter.

**■PUZ-M100VKA2 PUZ-M125VKA2 PUZ-M140VKA2
PUZ-M100YKA2 PUZ-M125YKA2 PUZ-M140YKA2**

<Table 6> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-M100,125,140	φ12.7	80 g per 1 m

<Table 7> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-M100,125,140	Additional refrigerant amount $\Delta W(g) = (80 \times L1) + (40 \times L2) + (15 \times L3) - 1200$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

- L1: φ12.7 liquid pipe length (m)
- L2: φ9.52 liquid pipe length (m)
- L3: φ6.35 liquid pipe length (m)

<Table 8> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	56 – 60m	61 – 65m
1 : 1 system	PUZ-M100	55m or less	3.1kg	0.4kg	0.8kg	1.0kg	/	/
	PUZ-M125,140	65m or less	3.6kg	0.4kg	0.8kg	1.0kg	1.2kg	1.4kg

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 55m	56 – 60m	61 – 65m
Twin Triple system	PUZ-M100	55m or less	3.1kg	0.4kg	0.8kg	1.0kg	/	/
	PUZ-M125,140	65m or less	3.6kg	0.4kg	0.8kg	1.0kg	1.2kg	1.4kg

- Check additional refrigerant charging amount referring to table 9, 10 when liquid pipe is 1 size larger than standard diameter

**■PUZ-SM100VKA PUZ-SM125VKA PUZ-SM140VKA
PUZ-SM100YKA PUZ-SM125YKA PUZ-SM140YKA**

<Table 9> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUZ-SM100,125,140	φ12.7	80 g per 1 m

<Table 10> Required additional charge when the pipe size is 1 size larger than the standard diameter (TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 15 m
PUZ-SM100,125,140	Additional refrigerant amount $\Delta W(g) = (80 \times L1) + (40 \times L2) + (15 \times L3) - 1200$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

- L1: φ12.7 liquid pipe length (m)
- L2: φ9.52 liquid pipe length (m)
- L3: φ6.35 liquid pipe length (m)

<Table 11> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m				
1 : 1 system	PUZ-SM100	30m or less	3.1kg	/				
	PUZ-SM125,140	40m or less	3.6kg	0.4kg				

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m				
Triple system	PUZ-SM100	30m or less	3.1kg	/				
	PUZ-SM125,140	40m or less	3.6kg	0.4kg				

MULTI SYSTEM REFRIGERANT PIPING

■PUZ-ZM200YKA2
PUZ-ZM250YKA2

1. TWIN, TRIPLE AND QUADRUPLE SYSTEM

(1) Twin

<Table 1> Maximum pipe length (Main pipe[A]+Branch pipe diameter [B and C])

Main pipe (mm)[A]	Liquid pipe	ZM200 twin (100×2)												ZM250 twin (125×2)											
		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
Branch pipe [mm] [B, C]	Gas pipe	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
	Liquid pipe φ9.52	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Gas pipe φ15.88	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Liquid pipe φ9.52	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Liquid pipe φ12.7	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m

• Be sure to use hard (tempered) one for pipe over φ22.2.

(2) Triple

<Table 2> Maximum pipe length (Main pipe [A] + Branch pipe [B, C and D])

Main pipe (mm)[A]	Liquid pipe	ZM200 triple (60×3)												ZM250 triple (71×3)											
		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
Branch pipe [mm] [B, C, D]	Gas pipe	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
	Liquid pipe φ9.52	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Gas pipe φ15.88	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Liquid pipe φ9.52	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Gas pipe φ19.05	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Liquid pipe φ12.7	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m

• Be sure to use hard (tempered) one for pipe over φ22.2.

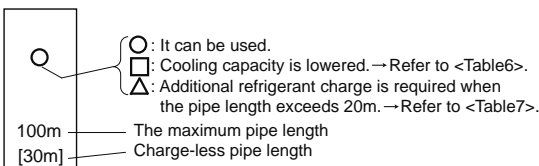
(3) Quadruple

<Table 3> Maximum pipe length (Main pipe[A]+Branch pipe [B, C, D and E])

Main pipe (mm)[A]	Liquid pipe	ZM200 quadruple (50×4)												ZM250 quadruple (60×4)											
		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
Branch pipe [mm] [B, C, D, E]	Gas pipe	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
	Liquid pipe φ6.35	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Gas pipe φ12.7	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Liquid pipe φ9.52	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Gas pipe φ15.88	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m
	Liquid pipe φ9.52	□ 20m	□ 30m	○ 100m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m	□ 20m	□ 30m	□ 30m	○ 100m

• Be sure to use hard (tempered) one for pipe over φ22.2.

<Marks in the table above>



MULTI SYSTEM REFRIGERANT PIPING

Outdoor unit	A+B+C+D						/Maximum amount of refrigerant
	Amount of additional refrigerant charge (kg)						
	30 m and less	31 - 40 m	41 - 50 m	51 - 60 m	61 - 70 m	71 - 100 m	
ZM200	No additional charge necessary	0.4 kg	0.8 kg	1.2 kg	1.6 kg	Calculate the amount of additional refrigerant charge using formula provided next page	9.2 kg
ZM250		0.6 kg	1.2 kg	1.8 kg	2.4 kg		9.2 kg

When length exceeds 70 m

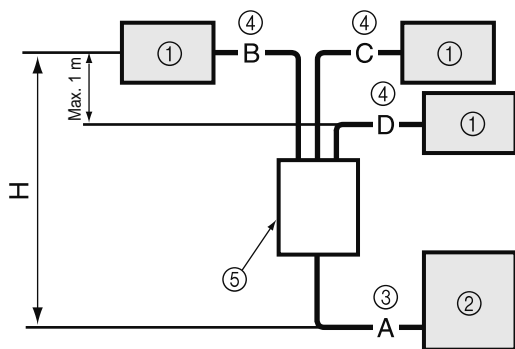
When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.

Note: If the calculation produces a negative number (i.e. a "minus" charge), or if calculation results in an amount that is less than the "Additional charge amount for 70 m", perform the additional charge using the amount shown in "Additional charge amount for 70 m".

Amount of additional charge (kg)	=	Main piping: Liquid line size ø12.7 overall length × 0.06 (m) × 0.06 (kg/m)	+	Main piping: Liquid line size ø9.52 overall length × 0.04 (Gas line: ø25.4) (m) × 0.04 (kg/m)	+	Branch piping: Liquid line size ø9.52 overall length × 0.03 (Gas line: ø15.88) (m) × 0.03 (kg/m)	+	Branch piping: Liquid line size ø6.35 overall length × 0.01 (m) × 0.01 (kg/m)	-	ZM200 1.2 (kg) ZM250 1.8 (kg)
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Maximum additional charge	ZM200	2.9 kg
	ZM250	2.4 kg

Additional charge amount for 70 meters	ZM200	1.6 kg
	ZM250	2.4 kg



- ① Indoor unit
- ② Outdoor unit
- ③ Main piping
- ④ Branch piping
- ⑤ Multi distribution pipe (option)

Outdoor unit : ZM250 A: ø12.7.....65 m
 Indoor unit 1 : ZM71 B: ø9.52.....5 m
 Indoor unit 2 : ZM71 C: ø9.52.....5 m
 Indoor unit 3 : ZM71 D: ø9.52.....5 m
 Main piping ø12.7 is A = 65 m
 Branch piping ø9.52 is B + C + D = 15 m
 Therefore, the amount of additional charge is: 65 × 0.06 + 15 × 0.04 - 1.8 = 2.7(kg)
 (Fractions are rounded up)

Fig. 4-9

Maximum pipe length (ZM200-250)

Liquid pipe (mm)	O.D.	ø9.52				ø12.7				ø15.88			
	Thickness	t0.8				t0.8				t1.0			
Gas pipe (mm)	O.D.	ø19.05	ø22.2	ø25.4	ø28.58	ø19.05	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75
	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
ZM200		□	□	Standard size	○	□	□	○	○	△□	△	△	△
		20m [20m]	50m [30m]	100m [30m]	100m [30m]	20m [20m]	50m [30m]	100m [30m]	100m [30m]	50m [20m]	50m [20m]	50m [20m]	50m [20m]
ZM250		□	□	○	○	□	□	Standard size	○	△□	△	△	△
		20m [20m]	50m [30m]	100m [30m]	100m [30m]	20m [20m]	50m [30m]	100m [30m]	100m [30m]	50m [20m]	50m [20m]	50m [20m]	50m [20m]

Note : Be sure to use hard (tempered) one for pipe over ø19.05.

<Marks in the table above>

Outdoor unit	Permissible total piping length A+B+C+D+E	A+B or A+C or A+D or A+E	Charge-less piping length A+B+C+D+E
ZM200 ZM250	100 m and less	100 m and less	30 m and less

Outdoor unit	B-C or B-D or B-E or C-D or C-E or D-E	No. of bends
ZM200, 250	8 m and less	Within 15

■ ZM200, 250

Additional refrigerant amount when the liquid pipe of the larger diameter is used.

1:1 system

Liquid pipe	When the pipe length exceeds 20 m
ø15.88	Additional refrigerant amount Δw (g) = 180 × Pipe length (m) - 3000

* Δw (g) ≤ 0 : Additional charge is not necessary.

Simultaneous twin/triple/quadruple system

When the pipe length (main piping and branch piping) exceeds 20 m
Additional refrigerant amount Δw (g) = (180 × L1) + (120 × L2) + (90 × L3) + (30 × L4) - 3000

L1 : ø15.88 liquid pipe length (m) L2 : ø12.7 liquid pipe length (m)

L3 : ø9.52 liquid pipe length (m) L4 : ø6.35 liquid pipe length (m)

* Δw (g) ≤ 0 : Additional charge is not necessary.

■ PUZ-M200YKA2
PUZ-M250YKA2

1. PIPE LENGTH

1-1. TWIN TRIPLE AND QUADRUPLE SYSTEM

(1) TWIN SYSTEM

<Table 1> Maximum pipe length(M200, M250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	M200(100x2)								M250(125x2)								
			φ9.52		φ12.7		φ15.88				φ9.52		φ12.7		φ15.88				
			φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Gas pipe	Gas pipe	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	○	□△	△	△	□△	△	△	△	□	○	○	□	○	□△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]

(2) TRIPLE SYSTEM

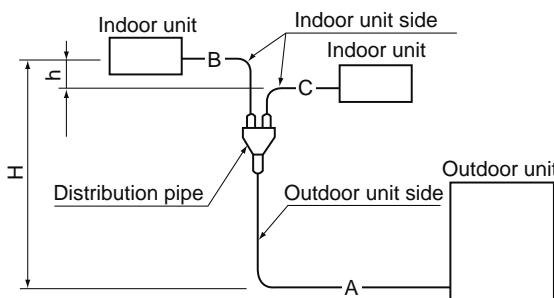
<Table 2> Maximum pipe length(M200, M250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	M200(60x3)								M250(71x3)								
			φ9.52		φ12.7		φ15.88				φ9.52		φ12.7		φ15.88				
			φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Gas pipe	Gas pipe	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	○	□△	△	△	□△	△	△	△	□	○	○	□	○	□△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]

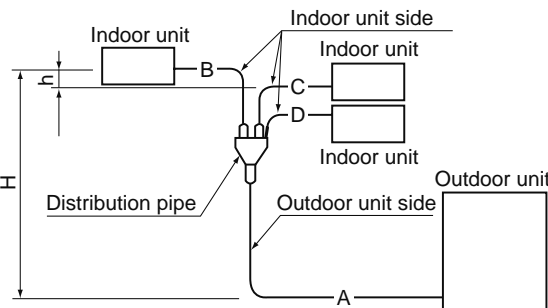
(3) QUADRUPLE SYSTEM

<Table 3> Maximum pipe length(M200, M250)

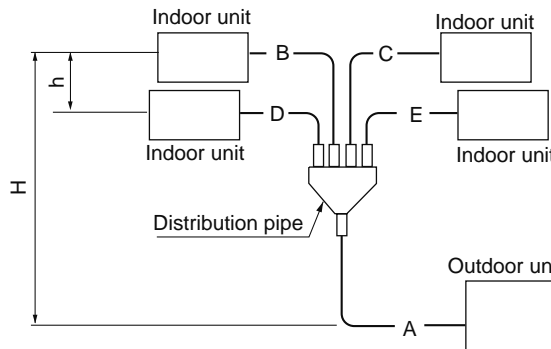
Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	M200(50x4)								M250(60x4)								
			φ9.52		φ12.7		φ15.88				φ9.52		φ12.7		φ15.88				
			φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Gas pipe	Gas pipe	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
Branch pipe (mm) [B,C]	Liquid pipe	φ6.35	□	○	□△	△	△	□△	△	△	△	/	/	/	/	/	/	/	/
	Gas pipe	φ12.7	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	/	/	/	/	/	/	/	/
Branch pipe (mm) [B,C]	Liquid pipe	φ9.52	□	○	□△	△	△	□△	△	△	△	□	○	○	□	○	□△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]



<TWIN SYSTEM>
Total length A + B + C
M200, 250: 70 m



<TRIPLE SYSTEM>
Total length A + B + C + D
M200, 250: 70 m



<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
M200, 250 : 70 m

	Outdoor unit	Pipe size (mm)<-inch>				Actual piping length <m>			Height def fence <m>		(Note 1) No. of bend	
		Gas side		Liquid side		Total length A+B+C+D+E	Indoor ~ Indoor	Branch pipe B, C, D	Indoor ~ Outdoor	Indoor ~ Indoor		
		Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side							
TWIN	200, 250	φ25.4 <1>		φ9.52<3/8> (200) φ15.88<5/8> (250)		70m	B-C 8m	30m	H30m	h 1m	15	
TRIPLE		φ12.7 <1/2> (250)		φ9.52<3/8> (200) φ12.7<1/2> (250)								B-C C-D B-D 8m
QUADRUPLE		50 φ12.7 <1/2> 60 φ15.88<5/8>		50 φ6.35 <1/4> 60 φ9.52<3/8>								

Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.

2. PUZ-M250: 30 m chargeless

A.9.3.2 R410A type

■PUHZ-SHW112VHA(-BS)
 PUHZ-SHW112YHA(-BS)
 PUHZ-SHW140YHA(-BS)

PUHZ-ZRP71VHA2
 PUHZ-ZRP100VKA3
 PUHZ-ZRP100YKA3

PUHZ-ZRP125VKA3
 PUHZ-ZRP125YKA3
 PUHZ-ZRP140VKA3
 PUHZ-ZRP140YKA3

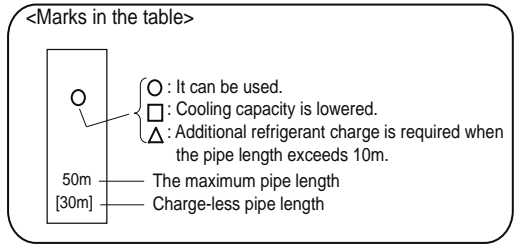
1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	φ6.35			φ9.52			φ12.7	
	Thickness	t0.8			t0.8			t0.8	
Gas pipe (mm)	OD	φ9.52	φ12.7	φ15.88	φ12.7	φ15.88	φ19.05	φ15.88	φ19.05
	Thickness	t0.8	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0
ZRP35,50	□ 30m *1 [30m]	Standard size 50m [30m]	○*2 30m [30m]	△ 30m [20m]	△*2 30m [20m]	/	/	/	/
ZRP60,71	/	□ 10m [10m]	○ 10m [10m]	□ 30m [30m]	Standard size 50m [30m]	/	△ 30m [20m]	/	/
SHW112,140 ZRP100,125,140	/	/	/	/	Standard size 50m *3 [30m]	○ 50m [30m]	△ 50m [20m]	△ 50m [20m]	/



- *1. ZRP50 : maximum pipe length is 10m.
- *2. Change the SW8-1 on the outdoor controller circuit board from OFF to ON.
- *3. The maximum length is 75m in case of new pipes.

(2) TWIN AND TRIPLE SYSTEM

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	SHW112(50×2), ZRP100(50×2)			SHW140(60×2), ZRP125(60×2), ZRP140(71×2)			ZRP71(35×2)	
		φ9.52	φ9.52	φ12.7	φ9.52	φ9.52	φ12.7	φ6.35	φ9.52
Branch pipe (mm) [B, C]	Gas pipe	φ15.88	φ19.05	φ19.05	φ15.88	φ19.05	φ19.05	φ12.7	φ15.88
	Liquid pipe	φ6.35	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]	/	/	/	Standard size 50m [30m]
		φ12.7	/	/	/	/	/	/	/
	Gas pipe	φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]	○ 50m [30m]
		φ15.88	/	/	/	/	/	/	/
	Gas pipe	φ19.05	/	/	/	/	/	/	/

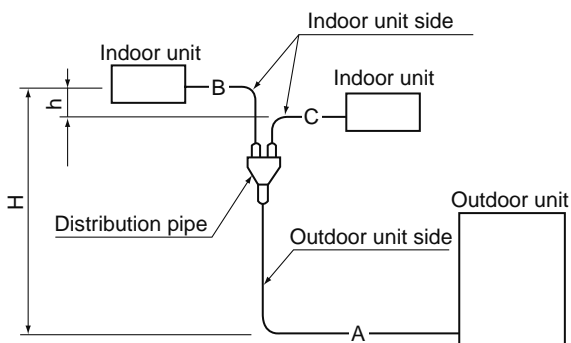
* The maximum length is 75m in case of new pipes.

(b) TRIPLE SYSTEM

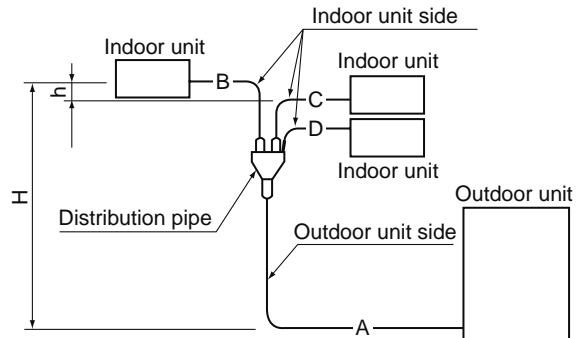
<Table 3> Maximum pipe length

Main pipe (mm) [A]	Liquid pipe	ZRP100(35×3), ZRP125(50×3), ZRP140(50×3)			
		φ9.52	φ9.52	φ12.7	
Branch pipe (mm) [B, C, D]	Gas pipe	φ15.88	φ19.05	φ19.05	
	Liquid pipe	φ6.35	Standard size 50m * [30m]	○ 50m [30m]	△ 50m [20m]
		φ12.7	/	/	/
	Gas pipe	φ9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]
		φ15.88	/	/	/
	Gas pipe	φ19.05	/	/	/

* The maximum length is 75m in case of new pipes.



<TWIN SYSTEM>
 Total length A + B + C
 SHW112,140: 75 m
 ZRP71 : 50 m
 ZRP100,125,140: 75 m



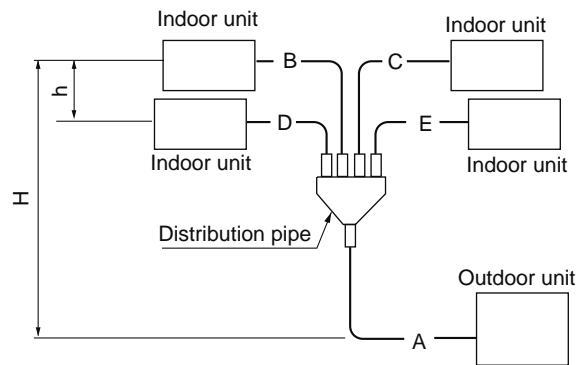
<TRIPLE SYSTEM>
 Total length A + B + C + D
 ZRP100,125,140: 75 m

(C) QUADRUPLE SYSTEM

<Table 4> Maximum pipe length

		ZRP125, 140 (35×4)		
Main pipe (mm) [A]	Liquid pipe	ø9.52	ø9.52	ø12.7
	Gas pipe	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C, D, E]	Liquid pipe	ø6.35	Standard size	
			50m*	○ 50m △ 50m
	Gas pipe	ø12.7	[30m]	○ 30m △ 20m
	Liquid pipe	ø9.52	○ 50m	○ 50m △ 50m
Gas pipe	ø15.88	[30m]	○ 30m △ 20m	
Liquid pipe	ø12.7			
Gas pipe	ø19.05			

* The maximum length is 75 m in case of new pipes.



<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
ZRP125,140 : 75 m

2. ADJUSTING THE AMOUNT OF REFRIGERANT

- Check additional refrigerant charging amount referring to table 5, 6 when liquid pipe is 1 size larger than standard diameter.

<Table 5> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUHZ-ZRP35,50	ø9.52	60 g per 1 m
PUHZ-ZRP60,71	ø12.7	100 g per 1 m
PUHZ-SHW112,140 PUHZ-ZRP100,125,140	ø12.7	100 g per 1 m

<Table 6> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 20 m
PUHZ-SHW112,140 PUHZ-ZRP71,100,125,140	Additional refrigerant amount $\Delta W(g) = (100 \times L1) + (60 \times L2) + (30 \times L3) - 2000$

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

L1: ø12.7 liquid pipe length (m)

L2: ø9.52 liquid pipe length (m)

L3: ø6.35 liquid pipe length (m)

<Table 7> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 60m	61 – 70m	71 – 75m
1 : 1 system	PUHZ-ZRP35	50m or less	2.2kg	0.2kg	0.4kg			
	PUHZ-ZRP50		2.4kg	0.2kg	0.4kg			
	PUHZ-ZRP71		3.5kg	0.6kg	1.2kg			
	PUHZ-SHW112,140	75m or less	5.5kg	0.6kg	1.2kg	1.8kg	2.4kg	
	PUHZ-ZRP100,125,140	75m or less	5.0kg	0.6kg	1.2kg	1.8kg	2.4kg	

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 60m	61 – 70m	71 – 75m
Twin Triple system	PUHZ-ZRP71	50m or less	3.5kg	0.6kg	1.2kg			
	PUHZ-SHW112,140	75m or less	5.5kg	0.6kg	1.2kg	1.8kg	2.4kg	
	PUHZ-ZRP100,125,140	75m or less	5.0kg	0.6kg	1.2kg	1.8kg	2.4kg	

MULTI SYSTEM REFRIGERANT PIPING

■ PUAZ-ZRP200YKA3
 PUAZ-ZRP250YKA3
 PUAZ-SHW230YKA2

1. 1:1 SYSTEM

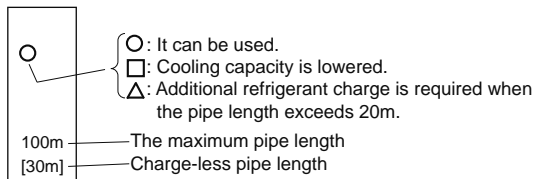
(1) Pipe length

<Table 1> Maximum pipe length (ZRP200, ZRP250)

Liquid pipe (mm)	O.D.	φ9.52				φ12.7				φ15.88			
	Thick-ness	t0.8				t0.8				t1.0			
Gas pipe (mm)	O.D.	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
	Thick-ness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
ZRP200		□ 20m [20m]	□ 50m [30m]	○ Standard size 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
ZRP250		□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ Standard size 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

Note : Be sure to use hard (tempered) one for pipe over φ22.2.

<Marks in the table above>



(2) Adjusting the amount of refrigerant

Check additional refrigerant charging amount referring to table 7 when the liquid pipe diameter is 1 size larger than the standard size, and table 2 when the pipe of the standard diameter is used.

<Table 2>

Outdoor unit	permitted pipe length	Initial charge (kg)	Amount of additional refrigerant charge (kg)					
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	71-100 m and less
ZRP200	100m or less	7.1	No additional charge necessary	0.9 kg	1.8 kg	2.7 kg	3.6 kg	The additional charge amount is obtained by the following formula.
ZRP250		7.7		1.2 kg	2.4 kg	3.6 kg	4.8 kg	

— When length exceeds 70 m —

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.
 Note: If the calculation produces a negative number (i.e. a "minus" charge), if of calculation results in an amount that is less than the "Additional charge amount for 70 m", perform the additional charge using the amount shown in "Additional charge amount for 70 m".

Amount of additional charge (kg)	=	Main piping: Liquid line size φ12.7 overall length × 0.11 (m) × 0.11 (kg/m)	+	Main piping: Liquid line size φ9.52 overall length × 0.09 (Gas line: φ25.4) (m) × 0.09 (kg/m)	+	Branch piping: Liquid line size φ9.52 overall length × 0.06 (Gas line: φ15.88) (m) × 0.06 (kg/m)	+	Branch piping: Liquid line size φ6.35 overall length × 0.02 (m) × 0.02 (kg/m)	-	3.6 (kg)
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Additional charge amount for 70 meters	ZRP200	3.6 kg
	ZRP250	4.8 kg

•If the wiring connecting the indoor and outdoor units is longer than 80m, use separate indoor /outdoor unit power supplies.

2. TWIN, TRIPLE AND QUADRUPLE SYSTEM

(1) Twin

<Table 3> Maximum pipe length (Main pipe[A]+Branch pipe diameter [B and C])

Main pipe (mm)[A]	ZRP200 twin (100x2)														ZRP250 twin (125x2)											
	Liquid pipe		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
	Gas pipe		φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Branch pipe (mm) [B, C]	Liquid pipe	φ9.52	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ15.88	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Liquid pipe	φ9.52	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ19.05	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

Main pipe (mm)[A]		SHW230 twin (PLA-ZM100x2)											
		φ9.52			φ12.7				φ15.88				
	Gas pipe	φ19.05	φ22.2	φ25.4	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	
Branch pipe (mm) [B, C]	Liquid pipe	φ9.52	□	□	○	□	□	□	□	□	□	□	□
	Gas pipe	φ15.88	□	□	○	□	□	□	□	□	□	□	□
	Liquid pipe	φ9.52	□	□	○	□	□	□	□	□	□	□	□
	Gas pipe	φ19.05	□	□	○	□	□	□	□	□	□	□	□

• Be sure to use hard (tempered) one for pipe over φ22.2.

(2) Triple

<Table 4> Maximum pipe length (Main pipe [A] + Branch pipe [B, C and D])

Main pipe (mm)[A]	ZRP200 triple (60x3)														ZRP250 triple (71x3)											
	Liquid pipe		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
	Gas pipe		φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Branch pipe (mm) [B, C, D]	Liquid pipe	φ9.52	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ15.88	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Liquid pipe	φ9.52	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ19.05	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

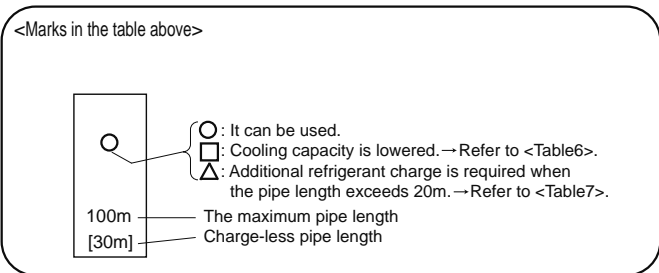
• Be sure to use hard (tempered) one for pipe over φ22.2.

(3) Quadruple

<Table 5> Maximum pipe length (Main pipe[A]+Branch pipe [B, C, D and E])

Main pipe (mm)[A]	ZRP200 quadruple (50x4)														ZRP250 quadruple (60x4)											
	Liquid pipe		φ9.52				φ12.7				φ15.88				φ9.52				φ12.7				φ15.88			
	Gas pipe		φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75	φ19.05	φ22.2	φ25.4	φ28.58	φ19.05	φ22.2	φ25.4	φ28.58	φ22.2	φ25.4	φ28.58	φ31.75
Branch pipe (mm) [B, C, D, E]	Liquid pipe	φ6.35	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ12.7	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Liquid pipe	φ9.52	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ15.88	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Liquid pipe	φ9.52	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
	Gas pipe	φ19.05	□	□	○	○	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

• Be sure to use hard (tempered) one for pipe over φ22.2.



Pipe diameter and thickness

OD (mm)	φ6.35	φ9.52	φ12.7	φ15.88	φ19.05	φ22.2	φ25.4	φ28.58	φ31.75
Thickness (mm)	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.1

Be sure to use hard (tempered) one for pipe over φ 22.2.

- ① Indoor unit
- ② Outdoor unit
- ③ Main piping
- ④ Branch piping
- ⑤ Multi distribution pipe (option)

- 1 Height difference (Indoor unit- Outdoor unit) Max. 30 m
- 2 Height difference (Indoor unit- Indoor unit) Max. 1 m
- 3 Distance between indoor and indoor units pipe length. Max. 8m
|B-C| |B-D| |B-E|
|C-D| |C-E| |D-E|
- 4 Number of pipe bends
Within 15 points
8 points between main pipe A and each branch pipe (B, C, D, E).

<Table 6> Lowered cooling capacity by the smaller gas pipe diameter

Pipe length	Cooling capacity ratio	
	gas pipe φ22.2	gas pipe φ19.05
5m and less	100%	100%
6-10m	100-95%	100-88%
11-20m	95-88%	88-77%
21-30m	88-83%	—
31-40m	83-79%	—
41-50m	79-75%	—

<Table 7> Additional refrigerant amount when the liquid pipe of the larger diameter is used. (Single /Simultaneous Twin / Simultaneous Triple / Simultaneous Quadruple)

Capacity	When the extension pipe length (main piping + branch piping) exceeds 20m
ZRP200, ZRP250	Additional refrigerant amount $\Delta W(g) = (180 \times L_1) + (120 \times L_2) + (90 \times L_3) + (30 \times L_4) - 3000$

L₁ : φ15.88 liquid pipe (m) L₂ : φ12.7 liquid pipe (m)
 L₃ : φ9.52 liquid pipe (m) L₄ : φ6.35 liquid pipe (m)

If the calculation produces a negative number (i.e. a "minus" charge), additional charging is not necessary. ($\Delta W \leq 0$)

<Table 8>

Outdoor unit	Permissible total piping length A+B+C+D+E	A+B or A+C or A+D or A+E	Charge-less piping length A+B+C+D+E
ZRP200, ZRP250	100 m and less	100 m and less	30 m and less
Outdoor unit	Permissible total piping length A+B+C	A+B or A+C	Charge-less piping length A+B+C
SHW230	80 m or less	80 m or less	20 m or less for liquid pipe size = φ12.7 30 m or less for liquid pipe size = φ9.52

<Table 9>

Outdoor unit	B-C or B-D or B-E or C-D or C-E or D-E	Number of pipe bends
ZRP200, ZRP250	8 m and less	Within 15
Outdoor unit	B-C	Number of pipe bends
SHW230	8 m and less	Within 15

<Table 10>

Outdoor unit	permitted pipe length	At time of shipping(kg)	A+B+C+D					The additional charge amount is obtained by the following formula.
			Amount of additional refrigerant charge (kg)					
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	
ZRP200	100m or less	7.1	No additional charge necessary	0.9 kg	1.8 kg	2.7 kg	3.6 kg	
ZRP250		7.7		1.2 kg	2.4 kg	3.6 kg	4.8 kg	

Outdoor unit	permitted pipe length	At time of shipping(kg)	liquid pipe size	A+B+C						
				Amount of additional refrigerant charge (kg)						
				20 m and less	21-30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	71-80 m and less
SHW230	80m or less	7.1	φ 12.7	No additional charge necessary	1.4 kg	2.8 kg	4.2 kg	5.6 kg	7.0 kg	8.4 kg
			φ 9.52		0.8 kg	1.7 kg	2.6 kg	3.5 kg	4.4 kg	

When length exceeds 70 m

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.

Note: If the calculation produces a negative number (i.e. a "minus" charge), or if calculation results in an amount that is less than the

"Additional charge amount for 70 m," perform the additional charge using the amount shown in "Additional charge amount for 70 m."

Amount of additional charge	=	Main piping: Liquid line size φ12.7 overall length 0.11	+	Main piping: Liquid line size φ9.52 overall length 0.09 (Gas line: φ28.58)	+	Branch piping: Liquid line size φ9.52 overall length 0.06 (Gas line: φ15.88)	+	Branch piping: Liquid line size φ6.35 overall length 0.02 (Gas line: φ15.88)	-	3.6 (kg)
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Additional charge amount for 70 m	ZRP200	3.6 kg
	ZRP250	4.8 kg

MULTI SYSTEM REFRIGERANT PIPING

1. Perform refrigerant piping connections for the indoor / outdoor unit while the outdoor unit's stop valve is completely closed (Initial setting), and then vacuumize the refrigerant lines through the service port of the outdoor unit.
2. Open the stop valves of the outdoor unit completely.
This will completely connects the refrigerant circuits of the indoor and outdoor units.
Stop valve opening method is shown on the outdoor unit's installation manual.

Note :

- Apply refrigerating machine oil over the flare seat surface. Do not apply to the threaded portion. (It will cause the flare nut to loosen.)
- Use 2 wrenches to tighten piping connection.
- Use leak detector or soapy water to check for gas leaks after connections are completed.
- For the insulation of the connection at the indoor side, make sure to use the attached insulation materials and thoroughly follow the instruction shown in the manual.
- Always use a non-oxidizing brazing material when brazing the pipes.

Adjusting the amount of refrigerant

Check additional refrigerant charging amount referring to the procedure ② below when the liquid pipe diameter of the main piping A is larger than the standard size.

- ① When the standard diameter pipe is used for the main piping A, calculate the additional refrigerant amount by referring to <Table 2> as well as the 1:1 system.
- ② When the liquid pipe diameter of the main piping A is one size larger than the standard size:
 - When the extension pipe length (main piping + branch piping) does not exceed 20m, adjustment of the refrigerant is not necessary (charge-less).
 - When the extension pipe length (main piping + branch piping) exceeds 20m, charge the amount of refrigerant that is obtained by the formula shown in <Table 7>.

If the calculation produces a negative number (i.e. a "minus" charge), additional charging is not necessary.

Note: Apply 0 to L₁, L₂, L₃ and L₄ which correspond to the liquid pipe size that are not used.

Correcting the capacity value

When calculating the lowered capacity by the extension pipe length, use the longest length between the indoor and the outdoor units.

**■ PUAZ-P100VKA
PUAZ-P100YKA**

**PUAZ-P125VKA
PUAZ-P125YKA**

**PUAZ-P140VKA
PUAZ-P140YKA**

**PUAZ-P200YKA3
PUAZ-P250YKA3**

1. PIPE LENGTH

1-1. 1:1 SYSTEM and 1:2(1 indoor / 2 outdoor) SYSTEM

<Table 1-1> Maximum pipe length (P100,P125,P140)

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
P100		Standard size 50m [30m]	○ 50m [30m]	△ 25m [10m]	△ 25m [10m]	
P125,P140		Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]	△ 30m [10m]	

<Marks in the table>

<Table 1-2> Maximum pipe length (P200, P250)

Liquid pipe (mm)	OD	ø9.52			ø12.7			ø15.88			
	Thickness	t0.8			t0.8			t1.0			
Gas pipe (mm)	OD	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø22.2	ø25.4	ø28.58	ø31.75
	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
P200		□ 50m [30m]	Standard size 70m [30m]	○ 70m [30m]	□△ 50m [20m]	○ 50m [20m]	○ 50m [20m]	□△ 40m [20m]	△ 40m [20m]	△ 40m [20m]	△ 40m [20m]
P250		□ 50m [30m]	○ 70m [30m]	○ 70m [30m]	□ 50m [30m]	Standard size 70m [30m]	○ 70m [30m]	□△ 45m [20m]	△ 45m [20m]	△ 45m [20m]	△ 45m [20m]

Note : Be sure to use hard (tempered) one for pipe over ø22.2.(Do not use soft (annealed) one.)

1-2. TWIN TRIPLE AND QUADRUPLE SYSTEM

(1) TWIN SYSTEM

<Table 2-1> Maximum pipe length(P100,P125,P140)

Main pipe (mm) [A]	Liquid pipe	P100(50×2)			P125(60×2)-P140(71×2)		
		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]	△ 25m [10m]		
		ø12.7					
Branch pipe (mm) [B, C]	Gas pipe	ø9.52	○ 50m [20m]	○ 50m [20m]	△ 25m [10m]	Standard size 50m [30m]	○ 50m [30m]
		ø15.88					△ 30m [10m]

<Table 2-2> Maximum pipe length(P200, P250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	P200(100x2)								P250(125x2)										
			ø9.52			ø12.7			ø15.88		ø9.52			ø12.7			ø15.88				
			t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0			
Branch pipe (mm) [B,C]	Liquid pipe	ø9.52	□	Standard size 50m [30m]	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size 70m [30m]	○	□△	△	△
		ø15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]

(2) TRIPLE SYSTEM

<Table 3-1> Maximum pipe length(P140)

Main pipe (mm) [A]	Liquid pipe	P140(50×3)			
		ø9.52	ø9.52	ø12.7	
Branch pipe (mm) [B, C, D]	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]
		ø12.7			
Branch pipe (mm) [B, C, D]	Gas pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [10m]
		ø15.88			

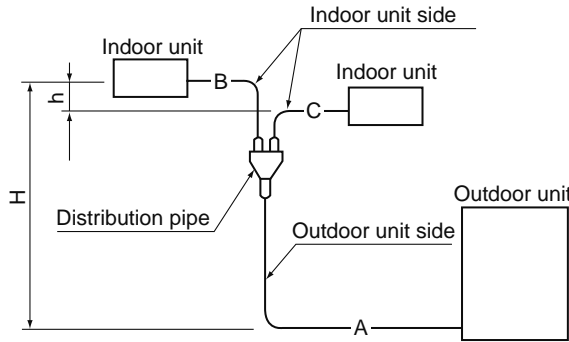
<Table 3-2> Maximum pipe length(P200, P250)

Main pipe (mm) [A]	Liquid pipe	O.D. Thickness	P200(60x3)								P250(71x3)										
			ø9.52			ø12.7			ø15.88		ø9.52			ø12.7			ø15.88				
			t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0			
Branch pipe (mm) [B,C]	Liquid pipe	ø9.52	□	Standard size 50m [30m]	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size 70m [30m]	○	□△	△	△
		ø15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]

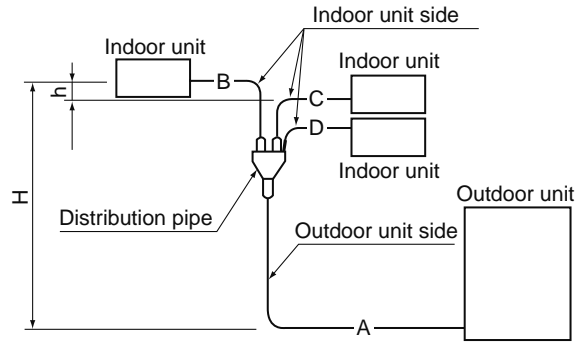
(3) QUADRUPLE SYSTEM

<Table 4> Maximum pipe length(P200,P250)

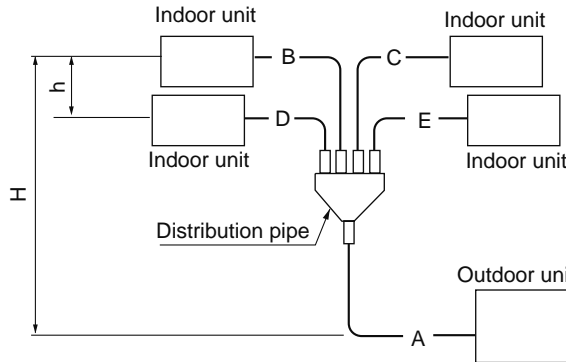
Main pipe (mm) [A]	Liquid pipe	O.D.	P200(50x4)										P250(60x4)								
			φ9.52			φ12.7			φ15.88				φ9.52			φ12.7			φ15.88		
			Thickness	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
Branch pipe (mm) [B,C]	Liquid pipe	φ6.35	□	○	○	□△	△	△	□△	△	△	△	△	△	△	△	△	△	△	△	△
	Gas pipe	φ12.7	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]
	Liquid pipe	φ9.52	□	○	○	□△	△	△	□△	△	△	△	△	△	△	△	△	△	△	△	△
	Gas pipe	φ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]



<TWIN SYSTEM>
 Total length A + B + C
 P100,125,140: 50 m
 P200, 250: 70 m



<TRIPLE SYSTEM>
 Total length A + B + C + D
 P140: 50 m
 P200, 250: 70 m



<QUADRUPLE SYSTEM>
 Total length A + B + C + D + E
 P200, 250 : 70 m

(4) Pipe size and refrigerant pipe limits

	Outdoor unit	Pipe size (mm)<inch>				Actual piping length <m>			Height deffence <m>		(Note 1) No. of bend		
		Gas side		Liquid side		Total length A+B+C+D+E	Indoor ~ Indoor	Branch pipe B, C, D	Indoor ~ Outdoor	Indoor ~ Indoor			
		Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side								
TWIN	100,125,140	φ15.88	50	φ9.52<3/8>	50	50m	B-C 8m	20m	H30m	h 1m	15		
TRIPLE	140	<5/8>	φ12.7<1/2> 60,71 φ15.88<5/8>		φ6.35<1/4> 60,71 φ9.52<3/8>		B-C C-D B-D 8m						
TWIN	200, 250	φ25.4 <1>	60,71	φ9.52<3/8>	60,71	70m	B-C 8m	30m	H30m	h 1m	15		
TRIPLE			100, 125	(P200)	100, 125								B-C C-D B-D 8m
QUADRUPLE			φ15.88<5/8>	(P250)	φ12.7<1/2> 60 φ15.88<5/8>							50	

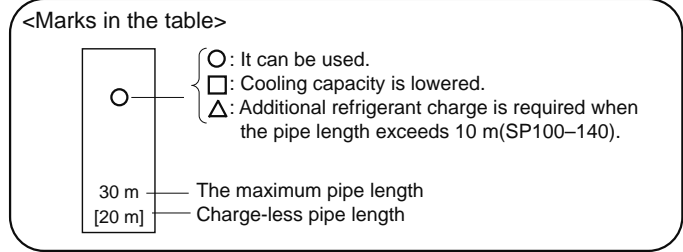
Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.
 2. PUHZ-P100: 20 m chargeless PUHZ-P125-250: 30 m chargeless

■PUHZ-SP100YKA
PUHZ-SP125VKA
PUHZ-SP125YKA
PUHZ-SP140VKA
PUHZ-SP140YKA

1. PIPE LENGTH
1:1 SYSTEM

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
SP100		Standard size 30 m [30 m]	○ 30 m [30 m]	△ 25 m [10 m]	△ 25 m [10 m]	
SP125, 140		Standard size 40 m [30 m]	○ 40 m [30 m]	△ 30 m [10 m]	△ 30 m [10 m]	



2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 2, 3 when liquid pipe is one size larger than standard diameter.

<Table 2> Required additional charge when the liquid pipe is one size larger than the standard diameter (1:1 SYSTEM)

	Liquid pipe dia.	Chargeless	Max. pipe length	Refrigerant amount to be added
SP100	ø12.7	10 m	25 m	100 g per 1 m longer than 10 m
SP125,SP140	ø12.7	10 m	30 m	100 g per 1 m longer than 10 m

If the calculation produces a negative number ($\Delta W \leq 0$), additional charging is not necessary.

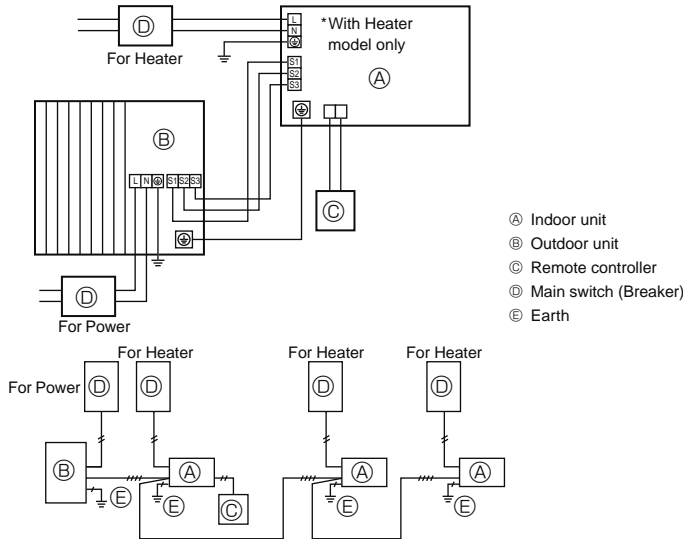
<Table 3> Additional refrigerant charging amount for pipe of standard diameter

Outdoor unit	Max. pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)	
			21– 30 m	31– 40 m
PUHZ-SP100YKA	30 m	3.3 kg		
PUHZ-SP125VKA PUHZ-SP125YKA	40 m	3.8 kg		0.6kg
PUHZ-SP140VKA PUHZ-SP140YKA	40 m	3.8 kg		0.6kg

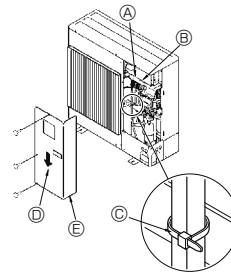
MULTI SYSTEM REFRIGERANT PIPING

A.9.4 ELECTRICAL WORK

- | | | | | |
|-------------------|---------------|-----------------|--------------|---------------|
| 1. PUHZ-SHW112VHA | PUZ-ZM71VHA2 | PUHZ-ZRP71VHA2 | PUHZ-P100VKA | PUHZ-SP100VKA |
| PUHZ-SHW112YHA | PUZ-ZM100VKA2 | PUHZ-ZRP100VKA3 | PUHZ-P100YKA | PUHZ-SP100YKA |
| PUHZ-SHW140YHA | PUZ-ZM100YKA2 | PUHZ-ZRP100YKA3 | PUHZ-P125VKA | PUHZ-SP125VKA |
| | PUZ-ZM125VKA2 | PUHZ-ZRP125VKA3 | PUHZ-P125YKA | PUHZ-SP125YKA |
| | PUZ-ZM125YKA2 | PUHZ-ZRP125YKA3 | PUHZ-P140VKA | PUHZ-SP140VKA |
| | PUZ-ZM140VKA2 | PUHZ-ZRP140VKA3 | PUHZ-P140YKA | PUHZ-SP140YKA |
| | PUZ-ZM140YKA2 | PUHZ-ZRP140YKA3 | | |

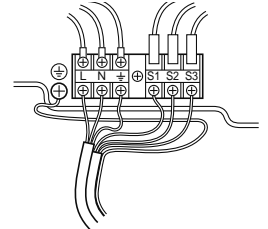


- Ⓐ Indoor unit
- Ⓑ Outdoor unit
- Ⓒ Remote controller
- Ⓓ Main switch (Breaker)
- Ⓔ Earth

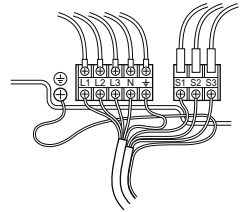


- Ⓐ Earth terminal
- Ⓑ Terminal block
- Ⓒ Clamp
- Ⓓ Service panel
- Ⓔ Wire the cables so that they do not contact the center of the service panel or the gas valve.

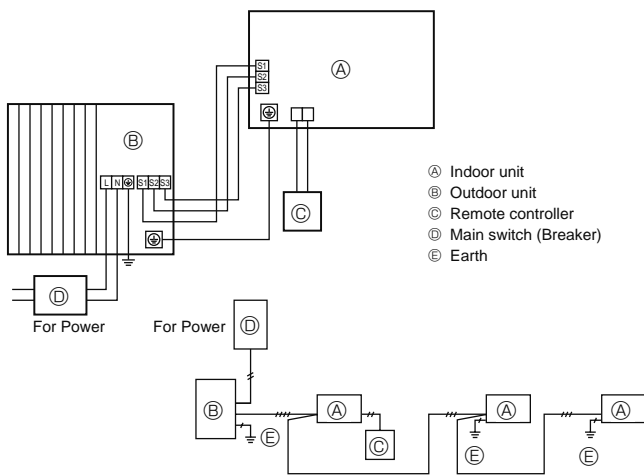
■ M71,100,125,140V



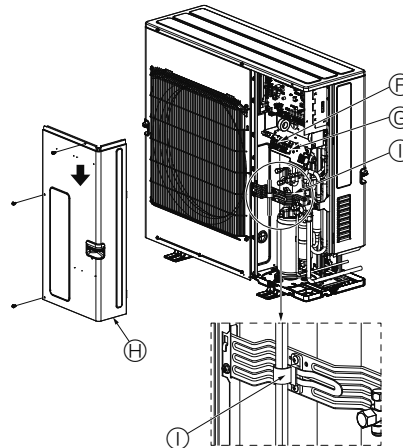
■ M100,125,140Y



- | | | |
|-----------------|--------------|--------------|
| 2. PUZ-M100VKA2 | PUZ-M125VKA2 | PUZ-M140VKA2 |
| PUZ-M100YKA2 | PUZ-M125YKA2 | PUZ-M140YKA2 |

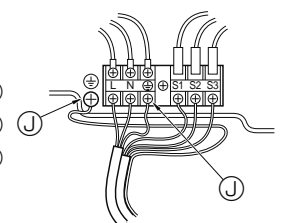


- Ⓐ Indoor unit
- Ⓑ Outdoor unit
- Ⓒ Remote controller
- Ⓓ Main switch (Breaker)
- Ⓔ Earth

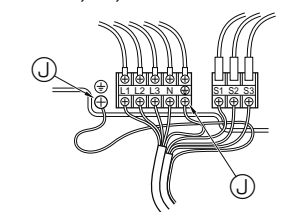


- Ⓕ Terminal block
- Ⓖ Indoor/Outdoor connection terminal block (S1, S2, S3)
- Ⓗ Service panel
- Ⓘ Clamp
- * Clamp the cables so that they do not contact the center of the service panel or the gas valve.
- Ⓙ Earth terminal

■ M100,125,140V



■ M100,125,140Y



Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

⚠ Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

MULTI SYSTEM ELECTRICAL WORK

3. PUZ-ZM200YKA2
PUZ-M200YKA2

PUZ-ZM250YKA2
PUZ-M250YKA2

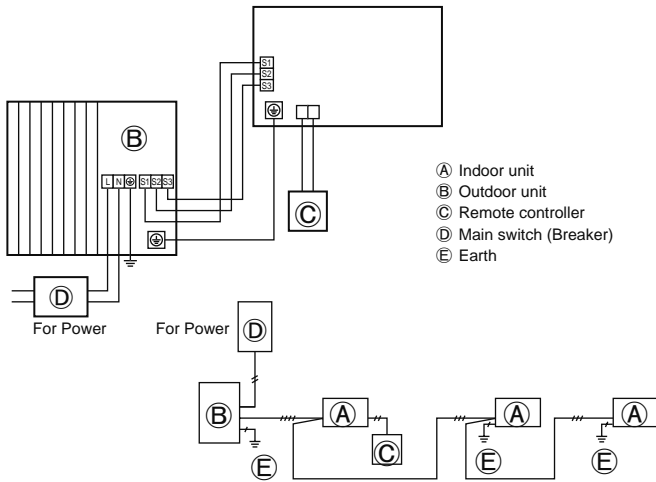


Fig. 6-1

■ ZM200, 250
M200, 250

■ ZM200, 250Y
M200, 250Y

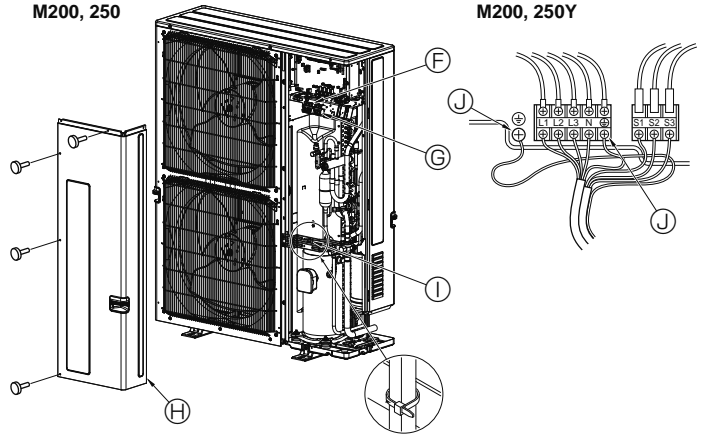


Fig. 6-2

- (F) Terminal block
- (G) Indoor/Outdoor connection terminal block (S1, S2, S3)
- (H) Service panel
- (I) Clamp
- (J) Earth terminal

* Clamp the cables so that they do not contact the center of the service panel or the gas valve.

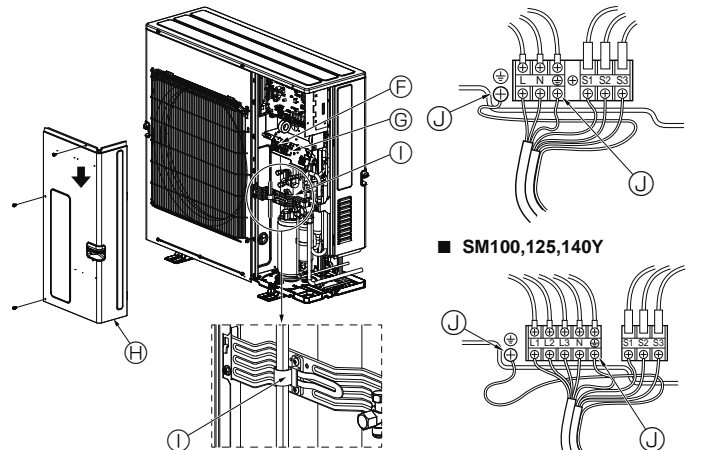
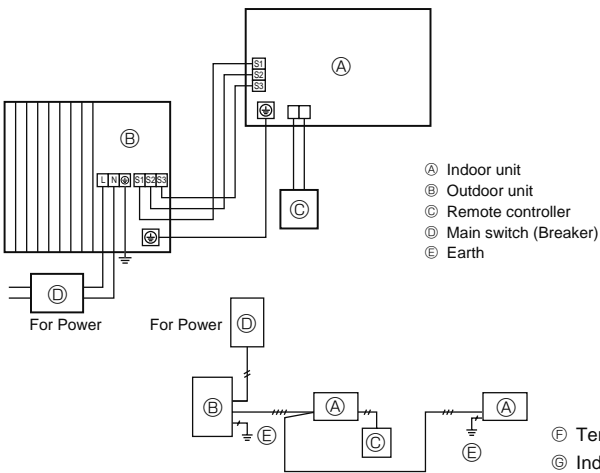
Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

4. PUZ-SM100VKA
PUZ-SM100YKA

PUZ-SM125VKA
PUZ-SM125YKA

PUZ-SM140VKA
PUZ-SM140YKA



- (F) Terminal block
 - (G) Indoor/Outdoor connection terminal block (S1, S2, S3)
 - (H) Service panel
 - (I) Clamp
 - (J) Earth terminal
- * Clamp the cables so that they do not contact the center of the service panel or the gas valve.

Note :
If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.

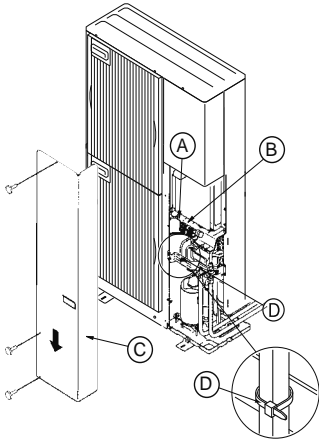
Caution:
Be sure to install N-Line. Without N-Line, it could cause damage to unit.

MULTI SYSTEM ELECTRICAL WORK

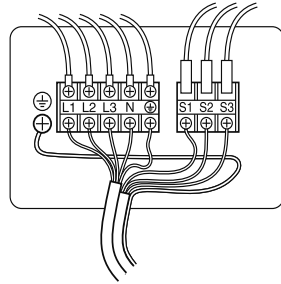
5. PUAZ-ZRP200YKA3
PUAZ-ZRP250YKA3

PUAZ-P200YKA3
PUAZ-P250YKA3

PUAZ-SHW230YKA2



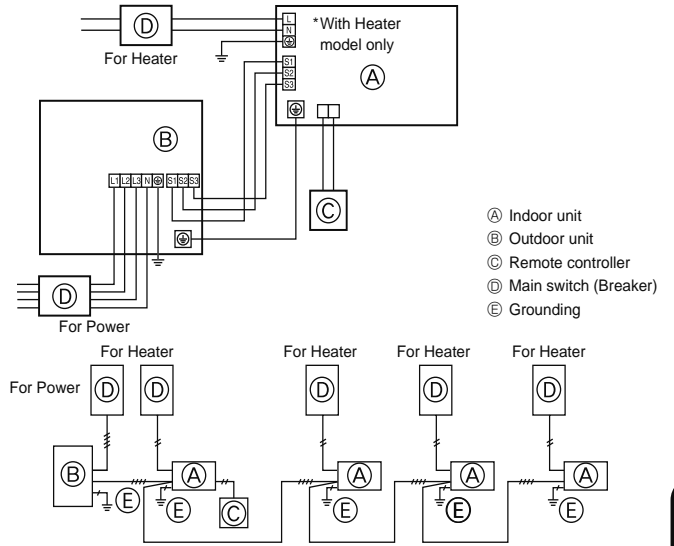
Note: If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.



- (A) Power supply terminal block (L1, L2, L3, N, ⊕)
- (B) Indoor/outdoor connection terminal block (S1, S2, S3)
- (C) Service panel
- (D) Clamp

* Clamp the cables so that they do not contact the center of the service panel or the gas valve.

* Except PEA-RP200, 250WKA



MULTI SYSTEM

