

Air Conditioning

Product Information

SEZ-KD Inverter Heat Pump
Ceiling Concealed Ducted System

Making a
World of
Difference



SEZ-KD Inverter Heat Pump

Ceiling Concealed Ducted System

Designed for offices, restaurants or shops, the SEZ-KD series operates at low noise levels. Its low unit height and lightweight design also help to make installation easier and more convenient.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Low unit height - minimal intrusion into occupied space
- Replace Technology available



Air Conditioning | Heating
Ventilation | Controls

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SEZ-KD Inverter Heat Pump Ceiling Concealed Ducted System

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SEZ-KD-VAQ - INDOOR UNITS		SEZ-KD25VAQ	SEZ-KD35VAQ	SEZ-KD50VAQ	SEZ-KD60VAQ	SEZ-KD71VAQ
CAPACITY (kW)	Heating (nominal)	2.9 (0.9-4.5)	3.8 (0.9-5.0)	6.4 (1.1-7.2)	7.4 (0.9-8.0)	8.1 (0.9-10.4)
	Cooling (nominal)	2.5 (0.9-3.2)	3.5 (1.0-3.9)	5.1 (1.1-5.6)	5.6 (1.1-6.3)	7.1 (0.9-8.3)
	Heating (UK)	2.5 (0.75-3.75)	3.1 (0.75-4.15)	5.3 (0.9-6.0)	6.15 (0.75-6.65)	6.7 (0.75-8.65)
	Cooling (UK)	2.4 (0.9-3.15)	3.45 (1.0-3.85)	5.05 (1.1-5.55)	5.55 (1.1-6.25)	7.0 (0.9-8.25)
SHF (nominal & UK)		0.8	0.78	0.78	0.79	0.74
COP / EER (nominal)		3.46 / 3.33	3.72 / 3.39	3.54 / 3.11	3.36 / 3.01	3.57 / 3.01
SCOP / SEER (BS EN14825)		3.5 / 5.2	3.9 / 5.2	3.9 / 5.2	3.9 / 5.2	3.8 / 5.2
ErP ENERGY EFFICIENCY CLASS		Heating/Cooling	A / A	A / A	A / A	A / A
AIRFLOW (m³/min)		Lo-Mi-Hi	6-7-9	7-9-11	10-13-15	12-15-18
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
SOUND PRESSURE LEVEL (dBA)		Lo-Mi-Hi	22-25-29	23-28-33	29-33-36	29-34-39
SOUND POWER LEVEL (dBA)			50	53	57	60
DIMENSIONS (mm)		Width x Depth x Height	790 x 700 x 200	990 x 700 x 200	990 x 700 x 200	1190 x 700 x 200
WEIGHT (kg)			18	21	23	27
ELECTRICAL SUPPLY			Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)			6	6	6	6
INTERCONNECTING CABLE No. Cores			4	4	4	4

SUZ-KA-VA3 - OUTDOOR UNITS		SUZ-KA25VA3	SUZ-KA35VA3	SUZ-KA50VA3	SUZ-KA60VA3	SUZ-KA71VA3
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		48 / 47	50 / 49	52 / 52	55 / 55	55 / 55
SOUND POWER LEVEL (dBA) Heating/Cooling		58	62	65	65	69
WEIGHT (kg)		30	35	54	50	53
DIMENSIONS (mm)		Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY			220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE			Single	Single	Single	Single
SYSTEM POWER Heating/Cooling (nominal)		0.838 / 0.750	1.021 / 1.032	1.807 / 1.639	2.202 / 1.860	2.268 / 2.358
INPUT (kW) Heating/Cooling (UK)		0.68 / 0.67	0.94 / 0.82	1.49 / 1.45	1.69 / 1.76	2.15 / 1.81
STARTING CURRENT (A)		3.58	5.0	7.57	8.57	9.29
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		3.90 / 3.39 [7.4]	4.83 / 4.81 [8.7]	7.31 / 7.05 [12.7]	7.93 / 8.09 [14.7]	9.79 / 9.69 [17.0]
FUSE RATING (BS88) - HRC (A)		10	10	20	20	20
MAINS CABLE No. Cores		3	3	3	3	3
MAX PIPE LENGTH (m)		20	20	30	30	30
MAX HEIGHT DIFFERENCE (m)		12	12	30	30	30
CHARGE R410A (kg) - 7m		0.80	1.15	1.45	1.55	1.90

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Product Information

PEAD-RP Standard Inverter Heat Pump
Ceiling Concealed Ducted System (Single Phase)

Making a
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PEAD-RP Standard Inverter Heat Pump

Ceiling Concealed Ducted System (Single Phase)

Our standard inverter range offers customers all the features and benefits of inverter technology whilst being cost effective.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Low unit height - minimal intrusion into occupied space
- Drain lift pump as standard
- High external static pressure
- Replace Technology available
- Refrigerant volume check function
- Duty Standby Operation
- Noise Reduction
- Demand Control
- Optional Heating Only



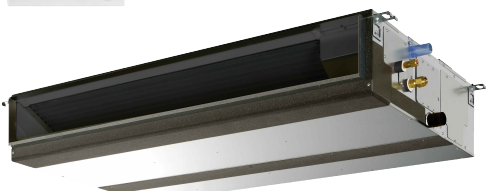
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PEAD-RP Standard Inverter Heat Pump Ceiling Concealed Ducted System (Single Phase)

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PEAD-RP - INDOOR UNITS		PEAD-RP35JAQ	PEAD-RP50JAQ	PEAD-RP60JAQ	PEAD-RP71JAQ	PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
CAPACITY (kW)	Heating (nominal)	3.6 (0.9-5.0)	5.9 (0.9-7.2)	7.0 (0.9-8.0)	8.0 (0.9-10.2)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	16.0 (5.0-18.0)
	Cooling (nominal)	3.6 (1.0-3.9)	4.9 (1.1-5.6)	5.7 (1.1-6.3)	7.1 (0.9-8.1)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	13.6 (5.5-15.0)
	Heating (UK)	3.4 (0.75-4.15)	4.9 (0.75-6.0)	5.8 (0.75-6.65)	6.65 (0.75-8.5)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	13.6 (4.25-15.3)
	Cooling (UK)	3.55 (1.0-3.85)	4.85 (1.1-5.55)	5.65 (1.1-6.25)	7.05 (0.9-8.05)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	12.5 (5.05-13.8)
SHF (nominal & UK)		0.85	0.85	0.86	0.83	0.85	0.85	0.84
COP / EER (nominal)		3.69 / 3.40	3.64 / 3.22	3.61 / 3.39	3.92 / 3.38	3.61 / 3.01	3.62 / 2.91	3.61 / 3.01
SCOP / SEER (BS EN14825)		3.9 / 5.2	3.9 / 5.2	3.9 / 5.2	3.9 / 5.2	3.8 / 4.6	3.9 / 3.5	3.7 / 3.2
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A / A	A / A	A / A	A / A	A / B	N/A	N/A
	Lo-Mi-Hi	10-12-14	12-14-5-17	14-5-18-21	17-5-21-25	24-29-34	29-5-35-5-42	32-39-46
AIRFLOW (m³/min)		9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
PIPE SIZE mm (in)	Gas	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	23-27-30	26-31-35	25-29-33	26-30-34	29-34-38	33-36-40	34-38-43
		52	57	55	57	61	63	66
DIMENSIONS (mm)		900 x 732 x 250	900 x 732 x 250	1100 x 732 x 250	1100 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		26	28	33	33	41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4

SUZ-KA / PUHZ-P - OUTDOOR UNITS		SUZ-KA35VA3	SUZ-KA50VA3	SUZ-KA60VA3	SUZ-KA71VA3	PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	50 / 49	52 / 52	55 / 55	55 / 55	54 / 50	55 / 51	56 / 52
	Cooling	62	65	65	69	70	71	73
WEIGHT (kg)		35	54	50	53	75	99	99
DIMENSIONS (mm)		800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	950 x 330 x 30 x 943	950 x 330 x 30 x 1350	950 x 330 x 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.975 / 1.058	1.620 / 1.521	1.939 / 1.681	2.040 / 2.100	3.103 / 3.120	3.870 / 4.220	4.430 / 4.520
	Heating/Cooling (UK)	0.87 / 0.90	1.44 / 1.29	1.73 / 1.43	1.826 / 1.79	2.76 / 2.58	3.44 / 3.59	3.94 / 3.84
STARTING CURRENT (A)		5.0	7.57	8.57	9.29	12.0	15.0	15.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		4.90 / 4.88 [9.27]	7.47 / 7.21 [13.39]	8.19 / 8.35 [15.62]	10.12 / 10.02 [18.07]	16.27 / 15.55 [30.65]	19.03 / 19.66 [30.76]	23.8 / 24.97 [32.28]
FUSE RATING (BS88) - HRC (A)		16	20	20	20	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		20	30	30	30	50	50	50
MAX HEIGHT DIFFERENCE (m)		12	30	30	30	30	30	30
CHARGE R410A (kg)		1.15	1.45	1.55	1.90	3.0	4.5	4.5



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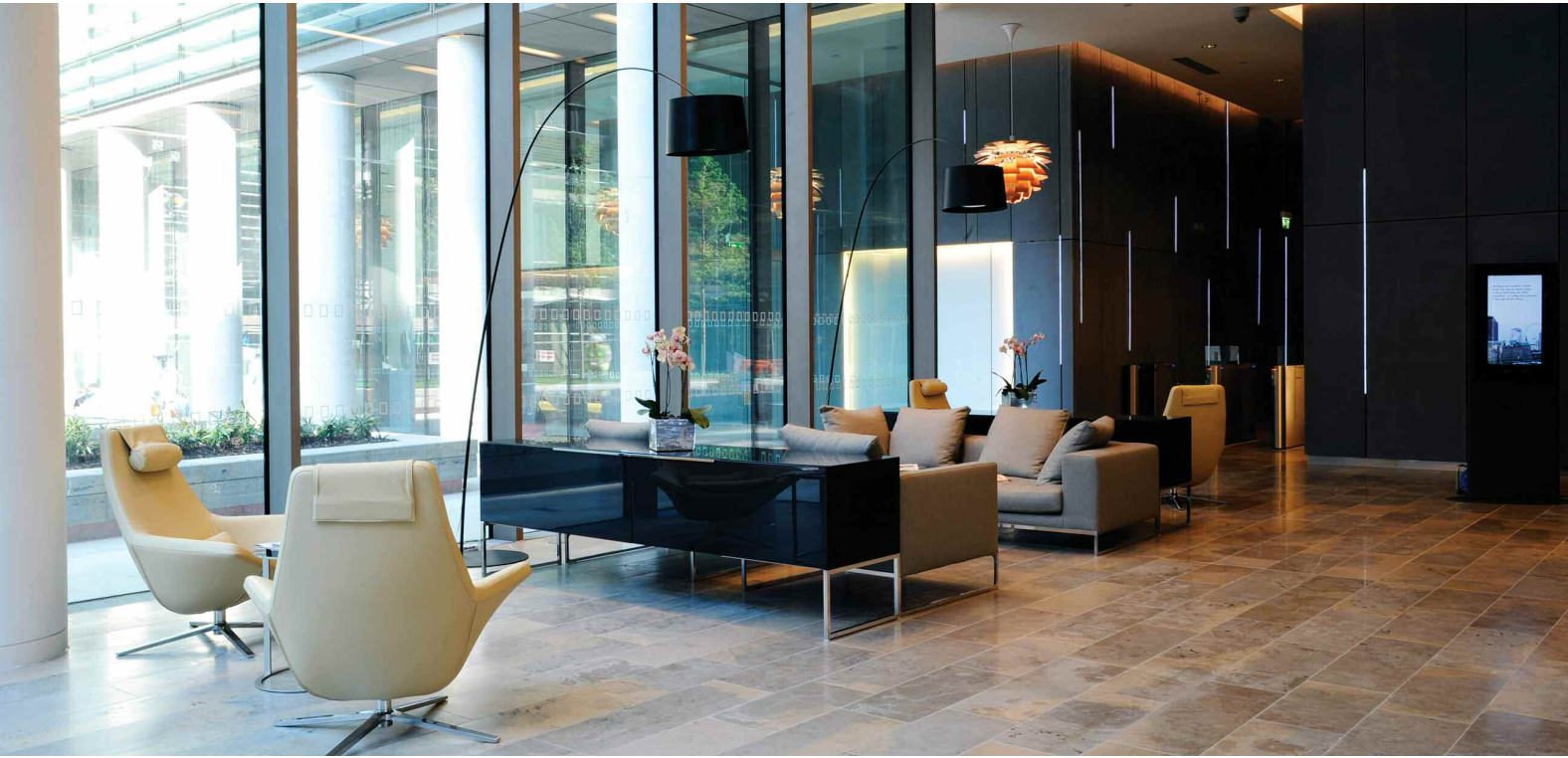
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Air Conditioning

Product Information

PEAD-RP Power Inverter Heat Pump Ceiling Concealed Ducted System (Single Phase)

Making a
World of
Difference



PEAD-RP Power Inverter Heat Pump

Ceiling Concealed Ducted System (Single Phase)

Our wide range of power inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Low unit height - minimal intrusion into occupied space
- Drain lift pump as standard
- High external static pressure
- Replace Technology available
- Refrigerant volume check function
- Demand Control
- Noise Reduction
- Optional Heating Only



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PEAD-RP - INDOOR UNITS		PEAD-RP35JAQ	PEAD-RP50JAQ	PEAD-RP60JAQ	PEAD-RP71JAQ	PEAD-RP100JAQ	PEAD-RP125JAQ	PEAD-RP140JAQ
CAPACITY (kW)	Heating (nominal)	4.1 (1.6-5.2)	6.0 (2.5-7.3)	7.0 (2.8-8.2)	8.0 (3.5-10.2)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)
	Cooling (nominal)	3.6 (1.6-4.5)	5.0 (2.3-5.6)	6.1 (2.7-6.7)	7.1 (3.3-8.1)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	13.4 (6.2-15.3)
	Heating (UK)	3.5 (1.35-4.4)	5.1 (2.15-6.2)	5.95 (2.4-6.95)	6.8 (3.0-8.65)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	13.6 (4.85-15.3)
	Cooling (UK)	3.3 (1.45-4.15)	4.6 (2.1-5.15)	5.5 (2.5-6.15)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	11.5 (5.05-12.9)	12.9 (5.7-14.1)
SHF (nominal & UK)		0.85	0.84	0.83	0.83	0.82	0.84	0.84
COP / EER (nominal)		4.32 / 4.04	4.00 / 3.47	3.91 / 3.70	3.94 / 3.53	4.31 / 3.80	3.86 / 3.09	3.81 / 3.07
SCOP / SEER (BS EN14825)		4.0 / 5.6	4.3 / 5.5	4.1 / 5.8	3.9 / 5.6	4.2 / 5.6	3.8 / 4.8	3.6 / 4.3
EFP ENERGY EFFICIENCY CLASS		Heating/Cooling	A+ / A+	A+ / A	A+ / A+	A / A+	N/A	N/A
AIRFLOW (m³/min)		Lo-Mi-Hi	10-12-14	12-14-5-17	14-5-18-21	17-5-21-25	24-29-34	29.5-33.5-42
PIPE SIZE mm (in)	Gas	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150	35-50-70-100-150
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Mi2-Mi3-Hi		23-27-30	26-31-35	25-29-33	26-30-34	29-34-38	33-36-40	34-38-43
SOUND POWER LEVEL (dBA)		52	57	55	57	61	63	66
DIMENSIONS (mm) Width x Depth x Height		900 x 732 x 250	900 x 732 x 250	1100 x 732 x 250	1100 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		26	28	33	33	41	43	47
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4	4

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA	PUHZ-ZRP125VKA	PUHZ-ZRP140VKA
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		46 / 44	46 / 44	48 / 47	48 / 47	51 / 49	52 / 50	52 / 50
SOUND POWER LEVEL (dBA) Heating/Cooling		65	65	67	67	69	70	70
WEIGHT (kg)		43	46	67	67	116	116	119
DIMENSIONS (mm) Width x Depth x Height		809 x 300 x 630	809 x 300 x 630	950 x 330 x 943	950 x 330 x 943	1050 x 330 x 1338	1050 x 330 x 1338	1050 x 330 x 1338
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER	Heating/Cooling (nominal)	0.95 / 0.89	1.50 / 1.44	1.79 / 1.65	2.03 / 2.01	2.60 / 2.63	3.63 / 4.05	4.20 / 4.36
	Heating/Cooling (UK)	0.79 / 0.81	1.28 / 1.28	1.47 / 1.52	1.79 / 1.73	2.34 / 2.21	3.60 / 3.09	3.88 / 3.57
STARTING CURRENT (A)		4.0	5.0	5.0	6.0	12.0	12.0	12.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		4.45 / 4.18 [14.1]	7.65 / 7.09 [14.4]	9.76 / 8.68 [20.6]	9.56 / 8.64 [21.0]	12.53 / 12.55 [29.2]	17.95 / 18.9 [29.3]	22.69 / 21.28 [30.8]
FUSE RATING (BS88) - HRC (A)		16	16	25	25	32	32	40
MAINS CABLE No. Cores		3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		50	50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg) - 30m		2.2	2.4	3.5	3.5	5.0	5.0	5.0



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Ceiling Concealed Ducted System

The Mr Slim Zubadan Inverter heat pumps achieve an excellent heating performance even when the outdoor air temperature is as low as -25°C and can also maintain full heating capacity at -15°C .

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Low unit height - minimal intrusion into occupied space
- Drain lift pump as standard
- High external static pressure
- Replace Technology available
- Refrigerant volume check function
- Duty Standby Operation
- Noise Reduction
- Demand Control



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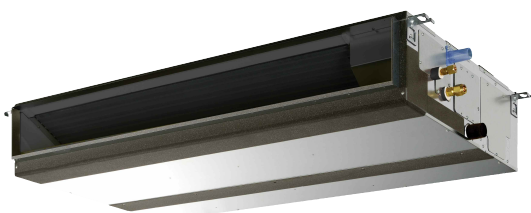
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PEAD-RP - INDOOR UNITS		PEAD-RP71JQAQ	PEAD-RP100JQAQ	PEAD-RP100JQAQ	PEAD-RP125JQAQ
CAPACITY (kW)	Heating (nominal)	8.0 (4.5-10.2)	11.2 (4.5-14.0)	11.2 (4.5-14.0)	14.0 (5.0-16.0)
	Cooling (nominal)	7.1 (4.9-8.1)	10.0 (4.9-11.4)	10.0 (4.9-11.4)	12.5 (5.5-14.0)
	Heating (UK)	7.9 (3.45-10.1)	11.1 (4.45-13.85)	11.1 (4.45-13.85)	13.85 (4.95-15.85)
	Cooling (UK)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	9.2 (4.5-10.5)	11.5 (5.05-12.9)
SHF (nominal & UK)		0.83	0.82	0.82	0.84
COP / EER (nominal)		3.61 / 3.74	3.61 / 3.42	3.61 / 3.42	3.61 / 3.21
SCOP / SEER (BS EN14825)		3.7 / 4.6	3.8 / 4.8	3.8 / 4.8	3.6 / 4.8
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A / B	A / B	A / B	A / B
AIRFLOW (m³/min) Lo-Mi-Hi		17.5-21.0-25.0	24.0-29.0-34.0	24.0-29.0-34.0	29.5-35.5-42.0
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
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 PRESSURE LEVEL (dBA) Lo-Mi-Hi		26-30-34	29-34-38	29-34-38	33-36-40
SOUND POWER LEVEL (dBA)		57	61	61	63
DIMENSIONS (mm) Width x Depth x Height		1400 x 732 x 250	1400 x 732 x 250	1400 x 732 x 250	1600 x 732 x 250
WEIGHT (kg)		33	41	41	43
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4

PUHZ-SHW - OUTDOOR UNITS		PUHZ-SHW80VHA	PUHZ-SHW112VHA	PUHZ-SHW112YHA ^③ Three Phase	PUHZ-SHW140YHA ^③ Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		51 / 50	52 / 51	52 / 51	52 / 51
SOUND POWER LEVEL (dBA) Cooling		68	69	69	69
WEIGHT (kg)		120	120	134	134
DIMENSIONS (mm) Width x Depth x Height		950 x 330 + 30 x 1350	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350	950 x 330 + 30 x 1350
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	380-415, 50Hz	380-415, 50Hz
PHASE		Single	Single	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	2.217 / 1.879	3.103 / 2.904	3.103 / 2.904	3.879 / 3.875
	Heating/Cooling (UK)	1.97 / 1.59	2.76 / 2.47	2.76 / 2.47	3.45 / 3.29
STARTING CURRENT (A)		14	14	3	3
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		10.11 / 9.37 [31.5]	12.85 / 12.78 [37.8]	5.31 / 5.37 [15.8]	7.20 / 7.32 [15.8]
FUSE RATING (BS88) - HRC (A)		3	40	16	16
MAINS CABLE No. Cores		3	3	5	5
MAX PIPE LENGTH (m)		75	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		5.5	5.5	5.5	5.5

^③ Three Phase



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Air Conditioning

Product Information

PEA-RP Standard Inverter Heat Pump

Large Capacity Ceiling Concealed Ducted System

Making a
World of
Difference



PEA-RP Standard Inverter Heat Pump

Large Capacity
Ceiling Concealed
Ducted System

Our standard inverter range offers customers all the features and benefits of inverter technology whilst being cost effective.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- High external static pressure up to 150Pa
- Replace Technology available



Air Conditioning | Heating
Ventilation | Controls

Air Conditioning

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PEA-RP Standard Inverter Heat Pump

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PEA-RP - INDOOR UNITS		PEA-RP200GAQ Three Phase ③	PEA-RP250GAQ Three Phase ③	PEA-RP400GAQ Three Phase ③	PEA-RP500GAQ Three Phase ③
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.5)	44.8 (19.0-50.0)	54.0 (25.0-63.0)
	Cooling (nominal)	19.0 (9.0-22.4)	22.0 (11.2-28.0)	38.0 (18.0-44.8)	44.0 (22.4-56.0)
	Heating (UK)	19.05 (8.1-21.25)	22.95 (10.65-26.8)	38.1 (16.15-42.5)	45.9 (21.25-53.55)
	Cooling (UK)	17.5 (8.3-20.6)	20.25 (10.3-25.75)	34.95 (16.55-41.2)	40.5 (20.6-51.5)
SHF (nominal & UK)		0.81	0.86	0.75	0.77
COP / EER (nominal)		3.04 / 2.64	3.19 / 2.61	3.14 / 2.72	3.10 / 2.53
ENERGY LABEL	Heating/Cooling (nominal)	D / D	D / D	D / D	D / E
	Lo-Hi	52-65	64-80	120	160
AIRFLOW (m³/min)	Lo-Hi	52-65	64-80	120	160
	Lo-Hi	52-65	64-80	120	160
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8") x2	28.58 (1 1/8") x2
	Liquid	9.52 (3/8")	12.7 (1/2")	9.52 (3/8") x2	12.7 (1/2") x2
EXTERNAL STATIC PRESSURE (Pa)		150	150	150	150
SOUND PRESSURE LEVEL (dBA) (50Pa) Lo-Hi		48-51	49-52	52	53
DIMENSIONS (mm) Width x Depth x Height		1400 x 634 x 400	1600 x 634 x 400	1947 x 764 x 595	1947 x 764 x 595
WEIGHT (kg)		70	77	130	133
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
POWER INPUT (kW) nominal / UK		1.00 / 0.89	1.18 / 1.05	1.55 / 1.38	2.84 / 2.53
STARTING CURRENT (A)		5.6	5.6	8.7	10
RUNNING CURRENT (A) [MAX]		2.0 [2.4]	2.3 [2.8]	3.8 [4.6]	5.4 [6.5]
FUSE RATING (BS88) - HRC (A)		6	6	10	10
MAINS CABLE No. Cores		5	5	5	5
INTERCONNECTING CABLE No. Cores		3	3	3	3

PUHZ-P - OUTDOOR UNITS		PUHZ-P200YHA3 Three Phase ③	PUHZ-P250YHA3 Three Phase ③	PUHZ-P200YHA3 x2 Three Phase ③	PUHZ-P250YHA3 x2 Three Phase ③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling (silent)		59 / 59 (56)	59 / 59 (56)	59 / 59 (56)	59 / 59 (56)
WEIGHT (kg)		126	135	126	135
DIMENSIONS (mm) Width x Depth x Height		950 x 330+30 x 1350	950 x 330+30 x 1350	950 x 330+30 x 1350	950 x 330+30 x 1350
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	7.36 / 7.21	8.47 / 8.44	14.27 / 13.97	17.42 / 17.36
	Heating/Cooling (UK)	6.55 / 6.13	7.54 / 7.17	12.7 / 11.88	15.5 / 14.76
INPUT (kW)					
STARTING CURRENT (A)		5	5	5	5
RUNNING CURRENT (A) Heating/Cooling [MAX]		9.88 / 9.47 [19]	12.0 / 11.0 [21]	9.88 / 9.47 [19]	12.0 / 11.0 [21]
FUSE RATING (BS88) - HRC (A)		20	25	20	25
MAINS CABLE No. Cores		5	5	5	5
MAX PIPE LENGTH (m)		70	70	70 per outdoor	70 per outdoor
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		5.8	7.1	5.8	7.1

③ Three Phase



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Air Conditioning

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Large Capacity Ceiling Concealed Ducted System

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PEA-RP Power Inverter Heat Pump

Large Capacity
Ceiling Concealed
Ducted System

Our wide range of power inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- High external static pressure up to 150Pa
- Replace Technology available
- Noise Reduction
- Demand Control
- Optional Heating Only



Air Conditioning | Heating
Ventilation | Controls

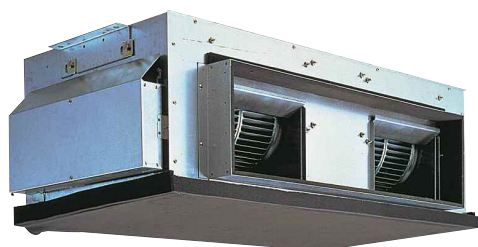
Air Conditioning

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PEA-RP - INDOOR UNITS		PEA-RP200GAQ Three Phase ③	PEA-RP250GAQ Three Phase ③	PEA-RP400GAQ Three Phase ③	PEA-RP400GAQ Three Phase ③
CAPACITY (kW)	Heating (nominal)	22.4 (9.5-25.0)	27.0 (12.5-31.5)	44.8 (18.0-50.0)	54.0 (25.0-63.0)
	Cooling (nominal)	19.0 (9.0-22.4)	22.0 (11.2-28.0)	38.0 (18.0-44.8)	44.0 (22.4-56.0)
	Heating (UK)	19.05 (8.1-21.25)	22.95 (10.65-26.8)	38.1 (15.3-42.5)	45.9 (21.25-53.55)
	Cooling (UK)	17.5 (8.3-20.6)	20.25 (10.3-25.75)	34.95 (16.55-41.2)	40.5 (20.6-51.5)
SHF (nominal & UK)		0.81	0.86	0.75	0.77
COP / EER (nominal)		3.45 / 2.84	3.29 / 2.64	3.57 / 2.93	3.20 / 2.56
ENERGY LABEL	Heating/Cooling (nominal)	B / C	C / D	B / C	D / E
	Lo-Hi	52-65	64-80	120	160
AIRFLOW (m³/min)	Lo-Hi	52-65	64-80	120	160
	Lo-Hi	52-65	64-80	120	160
PIPE SIZE mm (in)	Gas	28.58 (1 1/8")	28.58 (1 1/8")	28.58 (1 1/8") x2	28.58 (1 1/8") x2
	Liquid	9.52 (3/8")	12.7 (1/2")	9.52 (3/8") x2	12.7 (1/2") x2
EXTERNAL STATIC PRESSURE (Pa)		150	150	150	150
SOUND PRESSURE LEVEL (dBA) (50Pa) Lo-Hi		48-51	49-52	52	53
DIMENSIONS (mm)	Width x Depth x Height	1400 x 634 x 400	1600 x 634 x 400	1947 x 764 x 595	1947 x 764 x 595
	Weight (kg)	70	77	130	133
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
POWER INPUT (kW) nominal / UK		1.00 / 0.89	1.18 / 1.05	1.55 / 1.38	2.84 / 2.53
STARTING CURRENT (A)		5.6	5.6	8.7	10
RUNNING CURRENT (A) [MAX]		2.0 [2.4]	2.3 [2.8]	3.8 [4.6]	5.4 [6.5]
FUSE RATING (BS88) - HRC (A)		6	6	10	10
MAINS CABLE No. Cores		5	5	5	5
INTERCONNECTING CABLE No. Cores		3	3	3	3

PUHZ-RP - OUTDOOR UNITS		PUHZ-RP200YKA Three Phase ③	PUHZ-RP250YKA Three Phase ③	PUHZ-RP200YKA x2 Three Phase ③	PUHZ-RP250YKA x2 Three Phase ③
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		59 / 58 (55)	59 / 58 (55)	59 / 58 (55)	59 / 58 (55)
WEIGHT (kg)		135	141	135	141
DIMENSIONS (mm) Width x Depth x Height		1050 x 330 x 1338	1050 x 330 x 1338	1050 x 330 x 1338	1050 x 330 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz	380-415v, 50Hz
PHASE		Three	Three	Three	Three
SYSTEM POWER	Heating/Cooling (nominal)	6.5 / 6.7	8.2 / 8.34	12.55 / 12.95	16.88 / 17.16
	Heating/Cooling (UK)	5.79 / 5.7	7.3 / 7.09	11.17 / 11.01	15.02 / 14.59
STARTING CURRENT (A)		5	5	5	5
RUNNING CURRENT (A) Heating/Cooling [MAX]		8.63 / 8.94 [19]	11.01 / 11.23 [21]	8.63 / 8.94 [19]	11.01 / 11.23 [21]
FUSE RATING (BS88) - HRC (A)		20	25	20	25
MAINS CABLE No. Cores		5	5	5	5
MAX PIPE LENGTH (m)		120	120	120	120
MAX HEIGHT DIFFERENCE (m)		30	30	30	30
CHARGE R410A (kg) - 30m		7.1	7.7	7.1	7.7

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