



PSA-RP Standard Inverter Heat Pump

Floor Standing System

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

The PSA-RP Floor Standing System complements the Mitsubishi Electric range of indoor units. The sleek, modern design of this unit is ideal for numerous applications including bars and restaurants.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Replace Technology available
- Duty Standby Operation
- Demand Control
- Noise Reduction



Air Conditioning

Product Information

PSA-RP Standard Inverter Heat Pump Floor Standing System

Making a
World of
Difference



PSA-RP - INDOOR UNITS		PSA-RP100KA	PSA-RP100KA	PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-12.5)	11.2 (4.5-12.5)	14.0 (5.0-16.0)	14.0 (5.0-16.0)	16.0 (5.0-18.0)	16.0 (5.0-18.0)
	Cooling (nominal)	9.4 (4.9-11.2)	9.4 (4.9-11.2)	12.3 (5.5-14.0)	12.3 (5.5-14.0)	13.6 (5.5-15.0)	13.6 (5.5-15.0)
	Heating (UK)	9.5 (3.85-10.65)	9.5 (3.85-10.65)	11.9 (4.25-13.6)	11.9 (4.25-13.6)	13.6 (4.25-15.3)	13.6 (4.25-15.3)
	Cooling (UK)	8.65 (4.5-10.3)	8.65 (4.5-10.3)	11.3 (5.05-12.9)	11.3 (5.05-12.9)	12.5 (5.06-12.7)	12.5 (5.06-12.7)
SHF (nominal & UK)		0.73	0.73	0.72	0.72	0.71	0.71
COP / EER (nominal)		3.41 / 3.01	3.41 / 3.01	2.81 / 2.81	2.81 / 2.81	2.81 / 2.41	2.81 / 2.41
SCOP / SEER (BS EN14825)		3.8 / 4.6	3.8 / 4.6	3.7 / 3.5	3.7 / 3.5	3.4 / 3.2	3.4 / 3.2
ErP ENERGY EFFICIENCY CLASS Heating/Cooling		A / B	A / B	N/A	N/A	N/A	N/A
AIRFLOW (m³/min) Lo-Mi-Hi		25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31
PIPE SIZE mm (in) Gas/Liquid		15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
SOUND POWER LEVEL (dBA)		65	65	66	66	66	66
DIMENSIONS (mm) Width x Depth x Height (Grille)		600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900
WEIGHT (kg)		46	46	46	46	48	48
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
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4	4

PUHZ-P - OUTDOOR UNITS		PUHZ-P100VHA4	PUHZ-P100YHA2 ③ Three Phase	PUHZ-P125VHA3	PUHZ-P125YHA ③ Three Phase	PUHZ-P140VHA3	PUHZ-P140YHA ③ Three Phase
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		54 / 50	54 / 50	55 / 51	55 / 51	56 / 52	56 / 52
SOUND POWER LEVEL (dBA) Cooling		70	70	71	71	73	73
WEIGHT (kg)		75	77	99	101	99	101
DIMENSIONS (mm) Width x Depth x Height		950 x 330 + 30 x 943	950 x 330 + 30 x 943	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	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz	220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Three	Single	Three	Single	Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	3.280 / 3.120	3.280 / 3.120	4.980 / 4.380	4.980 / 4.380	5.690 / 5.640	5.690 / 5.640
	Heating/Cooling (UK)	2.92 / 2.65	2.92 / 2.65	4.43 / 3.72	4.43 / 3.72	5.06 / 4.79	5.06 / 4.79
STARTING CURRENT (A)		12.0	4.0	15.0	5.0	15.0	5.0
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		15.36 / 14.69 [28.7]	5.92 / 5.71 [13.7]	17.47 / 18.10 [28.7]	6.82 / 6.91 [13.7]	22.04 / 23.21 [30.2]	8.31 / 8.65 [13.7]
FUSE RATING (BS88) - HRC (A)		32	16	32	16	40	16
MAINS CABLE No. Cores		3	5	3	5	3	3
MAX PIPE LENGTH (m)		50	50	50	50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE R410A (kg)		3.0	3.0	4.5	4.5	4.5	4.5

③ Three Phase

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Effective as of February 2013



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PSA-RP Power Inverter Heat Pump

Floor Standing 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.

The PSA-RP Floor Standing System complements the Mitsubishi Electric range of indoor units.

Key Features

- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Long-life filter
- Replace Technology available
- Refrigerant volume check function
- Duty Standby Operation
- Demand Control
- Noise Reduction
- Optional Heating Only



Air Conditioning

Product Information

PSA-RP Power Inverter Heat Pump Floor Standing System

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PSA-RP - INDOOR UNITS		PSA-RP71KA	PSA-RP100KA	PSA-RP100KA	PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA
CAPACITY (kW)	Heating (nominal)	7.6 (3.5-10.2)	11.2 (4.5-14.0)	11.2 (4.5-14.0)	14.0 (5.0-16.0)	14.0 (5.0-16.0)	16.0 (5.7-18.0)	16.0 (5.7-18.0)
	Cooling (nominal)	7.1 (3.3-8.1)	10.0 (4.9-11.4)	10.0 (4.9-11.4)	12.5 (5.5-14.0)	12.5 (5.5-14.0)	13.4 (6.2-15.0)	13.4 (6.2-15.0)
	Heating (UK)	6.45 (3.0-8.65)	9.5 (3.85-11.9)	9.5 (3.85-11.9)	11.9 (4.25-13.6)	11.9 (4.25-13.6)	13.6 (4.84-15.3)	13.6 (4.84-15.3)
	Cooling (UK)	6.55 (3.05-7.45)	9.2 (4.5-10.5)	9.2 (4.5-10.5)	11.4 (5.05-12.9)	11.4 (5.05-12.9)	12.3 (5.7-13.8)	12.3 (5.7-13.8)
SHF (nominal & UK)		0.75	0.73	0.73	0.72	0.72	0.71	0.71
COP / EER (nominal)		3.44 / 3.76	3.64 / 3.64	3.64 / 3.64	3.30 / 3.06	3.30 / 3.06	3.34 / 3.30	3.34 / 3.30
SCOP / SEER (BS EN14825)		4.0 / 6.3	4.0 / 5.6	4.0 / 5.5	4.0 / 5.0	4.0 / 4.9	4.4 / 5.3	4.4 / 5.3
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A+	A+ / A	N/A	N/A	N/A	N/A
AIRFLOW (m³/min)	Lo-Mi-Hi	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31
PIPE SIZE mm (in)	Gas/Liquid	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")	15.88 (5/8") / 9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
SOUND POWER LEVEL (dBA)		60	65	65	66	66	66	66
DIMENSIONS (mm)	Width x Depth x Height (Grille)	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900	600 x 360 x 1900
WEIGHT (kg)	Unit / Panel	46	46	46	46	46	48	48
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-ZRP71VHA	PUHZ-ZRP100VKA	PUHZ-ZRP100YKA Three Phase	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA Three Phase	PUHZ-ZRP140VKA	PUHZ-ZRP140YKA Three Phase
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	51 / 49	51 / 49	52 / 50	52 / 50	52 / 50	52 / 50
SOUND POWER LEVEL (dBA)	Cooling	67	69	69	70	70	70	70
WEIGHT (kg)		67	116	124	116	126	119	132
DIMENSIONS (mm)	Width x Depth x Height	950 x 330 + 30 x 943	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338	1050 x 330 + 30 x 1338
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	220-240V, 50Hz	380-415V, 50Hz	380-415V, 50Hz	380-415V, 50Hz
PHASE		Single	Single	Three	Single	Three	Single	Three
SYSTEM POWER	Heating/Cooling (nominal)	2.21 / 1.89	3.08 / 2.75	3.08 / 2.75	4.24 / 4.09	4.24 / 4.09	4.79 / 4.06	4.79 / 4.06
INPUT (kW)	Heating/Cooling (UK)	1.97 / 1.61	2.74 / 2.34	2.74 / 2.34	3.77 / 3.48	3.77 / 3.48	4.26 / 3.45	4.26 / 3.45
STARTING CURRENT (A)		6.0	12.0	4.0	12.0	4.0	12.0	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	8.79 / 7.76 [19.4]	11.58 / 11.62 [27.2]	4.54 / 4.55 [8.7]	16.39 / 17.23 [27.2]	6.27 / 6.57 [10.2]	20.92 / 19.41 [28.7]	7.87 / 7.34 [11.7]
FUSE RATING (BS88) - HRC (A)		25	32	16	32	16	40	16
MAINS CABLE No. Cores		3	3	5	3	5	3	3
MAX PIPE LENGTH (m)		50	75	75	75	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
CHARGE R410A (kg)		3.5	5.0	5.0	5.0	5.0	5.0	5.0

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