



## 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

Making a  
World of  
Difference



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 <sup>③</sup> Three Phase	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA <sup>③</sup> Three Phase	PUHZ-ZRP140VKA	PUHZ-ZRP140YKA <sup>③</sup> 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	220-240v, 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) - 30m		3.5	5.0	5.0	5.0	5.0	5.0	5.0

<sup>③</sup> Three Phase



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