

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

- Built in controller

Note: When used with a Mr Slim Multi-Split system PSA-RP cannot be connected with indoor units of different type.



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
E/P 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 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
INPUT (kW) 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 Notes: All units charged to 30m (100-140) pipe length.

Accessories

Outdoor Units

PAC-SG59SG

Air outlet guide for
PUHZ-P100-140VHA4(YHA2/VHA3/YHA)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SF83MA

A/M-NET adaptor for
PUHZ-P100-140VHA4(YHA2/VHA3/YHA)

PAR-31MAA

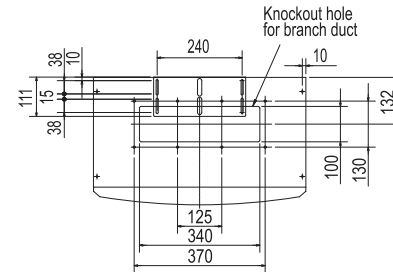
Remote controller

Note: additional accessories are available, please see the Optional Extras page at the end of this section for the full range.

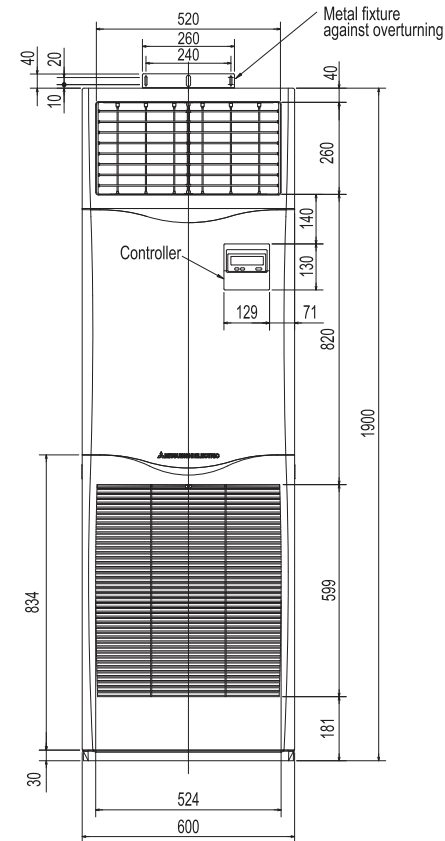
Product Dimensions

PSA-RP100/125/140KA

Upper View



Front View



Side View

