

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.

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-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
EiP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A+	A+ / A	N/A	N/A	N/A	N/A
	Lo-Mi-Hi	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31
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 [3]	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA Three Phase [3]	PUHZ-ZRP140VKA	PUHZ-ZRP140YKA Three Phase [3]
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	48 / 47	51 / 49	51 / 49	52 / 50	52 / 50	52 / 50	52 / 50
	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 INPUT (kW)	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
	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



[3] Three Phase

Accessories

Outdoor Units

PAC-SG59SG

Air outlet guide for PUHZ-ZRP71VHA

PAC-SH96SG

Air outlet guide for PUHZ-ZRP100-140VKA(YKA)

System Control Units

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adaptor

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

PAC-SF83MA

A/M-NET adaptor for PUHZ-ZRP71-140VHA(VKA/YKA)

PAR-31MAA

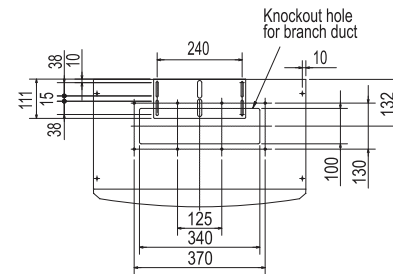
Remote controller

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

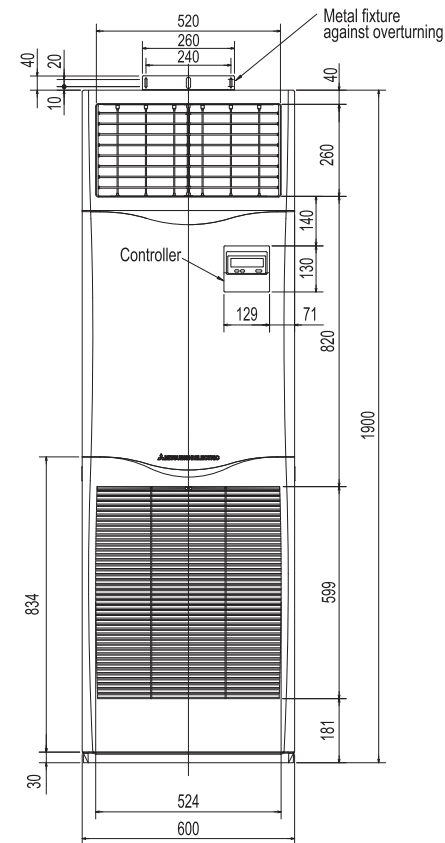
Product Dimensions

PSA-RP71/100/125/140KA

Upper View



Front View



Side View

