

Air Conditioning

Product Information

PSA-RP R410A
Floor Standing System
Standard Inverter Heat Pump

Making a
World of
Difference

Mr.SUM.



The **PSA-RP Standard Inverter** range is a floor standing system that blends a host of outstanding features with a sophisticated streamlined design. Offering advanced control options and quiet operation, this range provides extreme flexibility and ease of installation whilst being cost effective.

Key Features

- Built in controller
- Space saving
- Quick and easy installation
- Compact body / minimal footprint
- New single fan chassis on 12.5 and 14kW models



Cooling | Heating | Ventilation | Controls

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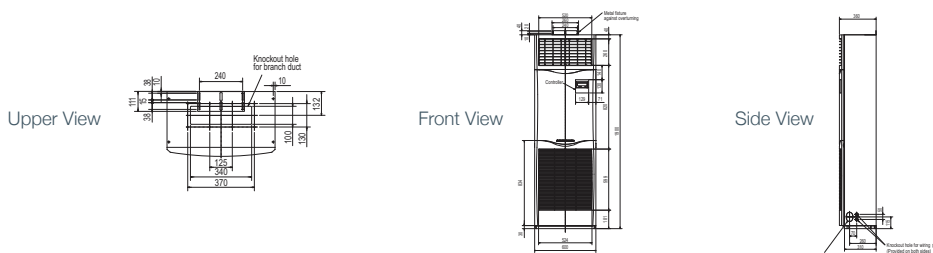
PSA-RP - INDOOR UNITS		PSA-RP100KA	PSA-RP100KA	PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA
CAPACITY (kW)	Heating (nominal)	11.2 (2.8-12.5)	11.2 (2.8-12.5)	13.5 (4.8-15.0)	13.5 (4.8-15.0)	15.0 (4.9-15.8)	15.0 (4.9-15.8)
	Cooling (nominal)	9.4 (3.7-10.6)	9.4 (3.7-10.6)	12.1 (5.6-13.0)	12.1 (5.6-13.0)	13.6 (5.8-13.7)	13.6 (5.8-13.7)
	Heating (UK)	9.63 (2.41-10.75)	9.63 (2.41-10.75)	11.61 (4.13-12.90)	11.61 (4.13-12.90)	12.9 (4.21-13.59)	12.9 (4.21-13.59)
	Cooling (UK)	8.55 (3.37-9.65)	8.55 (3.37-9.65)	11.01 (5.10-11.83)	11.01 (5.1-11.83)	12.38 (5.28-12.47)	12.38 (5.28-12.47)
SHF (nominal)		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 / 2.41	2.81 / 2.41	3.11 / 2.13	3.11 / 2.13
SCOP (ηsh) / SEER (ηsc) (BS EN14825)		4.0 / 5.1	4.0 / 5.1	3.88 (155.3%) / 5.01 (200.5%)	3.88 (155.3%) / 5.01 (200.5%)	3.94 (157.6%) / 5.02 (200.8%)	3.94 (157.6%) / 5.02 (200.8%)
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A	A+ / A	N/A	N/A	N/A	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	417-467-500	417-467-500	417-467-517	417-467-517	417-467-517	417-467-517
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
WIRED REMOTE CONTROLLER REFERENCE		PAR-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA	PAR-21MAA

PUHZ-P - OUTDOOR UNITS		PUHZ-P100VKA	PUHZ-P100YKA ^③	PUHZ-P125VKA	PUHZ-P125YKA ^③	PUHZ-P140VKA	PUHZ-P140YKA ^③
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	54 / 51	54 / 51	56 / 54	56 / 54	57 / 56	57 / 56
SOUND POWER LEVEL (dBA)	Cooling	70	70	72	72	75	75
WEIGHT (kg)		76	78	84	85	84	85
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 x 981	1050 x 330 x 981	1050 x 330 x 981	1050 x 330 x 981	1050 x 330 x 981	1050 x 330 x 981
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)	3.28 / 3.12	3.28 / 3.12	4.79 / 5.01	4.79 / 5.01	4.82 / 6.38	4.82 / 6.38
INPUT (kW)	Heating/Cooling (UK)	2.95 / 2.59	2.95 / 2.59	4.31 / 4.16	4.31 / 4.16	4.34 / 5.30	4.34 / 5.30
STARTING CURRENT (A)		7.0	2.9	11.1	4.0	11.1	4.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	13.9 / 14.4 [20]	5.4 / 5.4 [11.5]	21.9 / 20.9 [26.5]	8.4 / 7.9 [11.5]	27.9 / 21.4 [30]	9.5 / 7.9 [11.5]
FUSE RATING (BS88) - HRC (A)		32	16	32	16	40	16
MAINS CABLE No. Cores		3	5	3	5	3	5
MAX PIPE LENGTH (m)		50	50	50	50	50	50
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R410A (GWP 2088) - 30m	3.30 / 6.89	3.30 / 6.89	3.80 / 7.93	3.80 / 7.93	3.80 / 7.93	3.80 / 7.93
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R410A (GWP 2088)	1.20 / 2.51	1.20 / 2.51	1.20 / 2.51	1.20 / 2.51	1.20 / 2.51	1.20 / 2.51

^③ Three Phase **Note:** Indoor unit includes built in PAR-21MAA wired remote controller.

PRODUCT DIMENSIONS

PSA-RP100/125/140KA



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).



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