

# Air Conditioning

## Product Information

**PKA-M R410A**  
**Wall Mounted System**  
Standard Inverter Heat Pump

Making a  
World of  
Difference

Mr.SUM.



The **PKA-M Standard Inverter** range is a wall mounted system that blends a host of outstanding features with a sophisticated flat panel, streamlined design. Offering advanced control options and quiet operation, this range provides extreme flexibility and ease of installation whilst being cost effective.

### Key Features

- Improved airflow control, including adjustable louvres for uniform air distribution
- Internal pipe connection to wall mounted unit for easy and neat installation
- CN22 connector as standard for connection to PAR-33MAA hard wired controller
- Replace Technology available



Cooling | Heating | Ventilation | Controls

# Air Conditioning

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### PKA-M R410A Wall Mounted System Standard Inverter Heat Pump

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PKA-M - INDOOR UNITS		PKA-M100KA	PKA-M100KA
CAPACITY (kW)	Heating (nominal)	11.2 (2.8-12.5)	11.2 (2.8-12.5)
	Cooling (nominal)	9.4 (3.7-10.6)	9.4 (3.7-10.6)
	Heating (UK)	9.63 (2.41-10.75)	9.63 (2.41-10.75)
	Cooling (UK)	8.55 (3.37-9.65)	8.55 (3.37-9.65)
SHF (nominal)		0.73	0.73
COP / EER (nominal)		3.21 / 3.01	3.21 / 3.01
SCOP / SEER (BS EN14825)		4.00 / 5.60	4.00 / 5.60
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A+	A+ / A+
AIRFLOW (l/s)	Lo-Mi-Hi	333-383-433	333-383-433
PIPE SIZE mm (in)	Gas	15.88 (5/8")	15.88 (5/8")
	Liquid	9.52 (3/8")	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	41-45-49	41-45-49
SOUND POWER LEVEL (dBA)		65	65
DIMENSIONS (mm)	Width x Depth x Height	1170 x 295 x 365	1170 x 295 x 365
WEIGHT (kg)		21	21
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6
INTERCONNECTING CABLE No. Cores		4	4
WIRED REMOTE CONTROLLER REFERENCE		PAR-33MAA	PAR-33MAA
WIRELESS REMOTE CONTROLLER REFERENCE		PAR-FL32MA	PAR-FL32MA

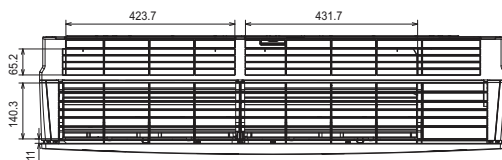
PUHZ-P - OUTDOOR UNITS		PUHZ-P100VKA	PUHZ-P100YKA
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	54 / 51	54 / 51
SOUND POWER LEVEL (dBA)	Cooling	70	70
WEIGHT (kg)		76	78
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 x 981	1050 x 330 x 981
ELECTRICAL SUPPLY		220-240v, 50Hz	380-415v, 50Hz
PHASE		Single	Three
SYSTEM POWER	Heating/Cooling (nominal)	3.48 / 3.12	3.48 / 3.12
INPUT (kW)	Heating/Cooling (UK)	3.48 / 2.59	3.48 / 2.59
STARTING CURRENT (A)		7.0	2.9
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	13.8 / 15.3 [20]	5.3 / 5.8 [11.5]
FUSE RATING (BS88) - HRC (A)		32	16
MAINS CABLE No. Cores		3	5
MAX PIPE LENGTH (m)		50	50
MAX HEIGHT DIFFERENCE (m)		30	30
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			
R410A (GWP 2088) - 30m		3.30 / 6.89	3.30 / 6.89
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			
R410A (GWP 2088)		1.20 / 2.51	1.20 / 2.51

☐ Three Phase

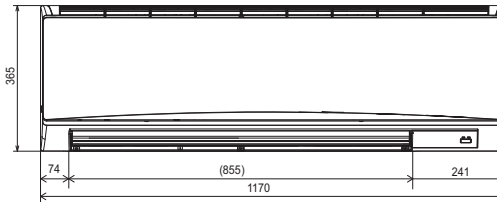
#### PRODUCT DIMENSIONS

PKA-M35/50HA

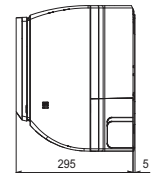
Upper View



Front View



Side View



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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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Effective as of January 2018