

Air Conditioning

Product Information

PKA-M R32 Power Inverter Heat Pump
Wall Mounted System
(Three Phase)

Making a
World of
Difference

Mr.SUM™



The **PKA-M Power Inverter range** is a wall mounted system that blends a host of outstanding features with a sophisticated streamlined design. Offering high seasonal efficiency, advanced control options and extended pipe runs, this range is extremely flexible and utilises low GWP R32 refrigerant.

Key Features

- Flat panel, compact design
- Improved airflow control, including adjustable louvres for uniform air distribution
- Internal pipe connection to wall mounted unit for easy and neat installation
- Highly energy efficient operation, utilising low GWP R32 refrigerant
- Quiet operation with industry leading low noise levels
- CN22 connector as standard for connection to PAR-33MAA hard wired controller
- Full heating capacity down to -3°C
- 100m pipe run
- Replace Technology available



Air Conditioning | Heating
Ventilation | Controls

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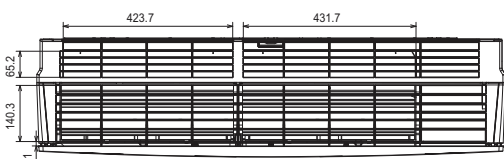
PKA-M - INDOOR UNITS		PKA-M100KA
CAPACITY (kW)	Heating (nominal)	11.2 (4.5-14.0)
	Cooling (nominal)	9.5 (4.9-11.4)
COP / EER (nominal)		3.61 / 3.95
SCOP / SEER (BS EN14825)		4.4 / 6.4
ERP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++
AIRFLOW (l/s)	Lo-Mi-Hi	333-383-433
PIPE SIZE MM (in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	41-45-49
SOUND POWER LEVEL (dBA)		65
DIMENSIONS (mm)	Width x Depth x Height	1170 x 295 x 365
WEIGHT (kg)		21
ELECTRICAL SUPPLY		Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6
INTERCONNECTING CABLE NO. CORES		4
WIRED REMOTE CONTROLLER REFERENCE		PAR-33MAA

PUZ-ZM - OUTDOOR UNITS		PUZ-ZM100YKA (Three Phase)
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	51 / 49
SOUND POWER LEVEL (dBA)	Cooling	69
WEIGHT (kg)		123
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 + 40 x 1338
ELECTRICAL SUPPLY		380-415v, 50Hz
PHASE		Three
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	3.102 / 2.405
FUSE RATING (BS88) - HRC (A)		16
MAINS CABLE NO. CORES		5
MAX PIPE LENGTH (m)		100
MAX HEIGHT DIFFERENCE (m)		30
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675) - 30m	4.00 / 2.70
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t)	R32 (GWP 675)	2.80 / 1.89

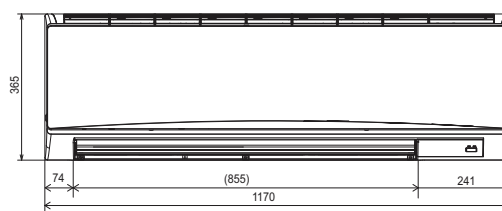
PRODUCT DIMENSIONS

PKA-M100KA

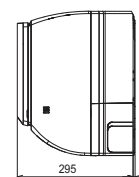
Upper View



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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to the environment



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Effective as of May 2017

