

Air Conditioning

Product Information

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

Making a
World of
Difference

Mr.SLIM™



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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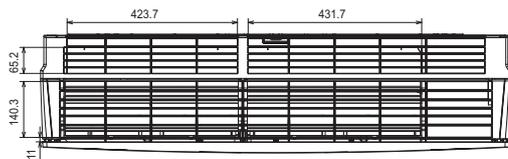
| PKA-M - INDOOR UNITS | | PKA-M100KA |
|-----------------------------------|--|-----------------------------------|
| CAPACITY (kW) | Heating (nominal) Cooling (nominal) | 11.2 (4.5-14.0) 9.5 (4.9-11.4) |
| COP / EER (nominal) | | 3.61 / 3.95 |
| SCOP / SEER (BS EN14825) | | 4.4 / 6.4 |
| ERP ENERGY EFFICIENCY CLASS | Heating/Cooling | A+ / A++ |
| AIRFLOW (l/s) | Lo-Mi-Hi | 333-383-433 |
| PIPE SIZE MM (in) | Gas Liquid | 15.88 (5/8") 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 |

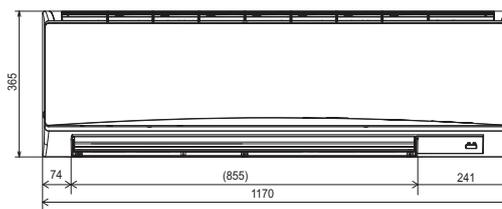
PRODUCT DIMENSIONS

PKA-M100KA

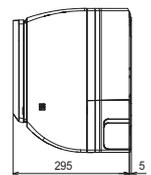
Upper View



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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