

# Air Conditioning

## Product Information

**PKA-RP100KAL** (Three Phase)  
**Power Inverter Heat Pump**  
Wall Mounted System

Making a  
World of  
Difference

Mr.SLIM™



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

- Flat panel, compact indoor unit design
- Adjustable louvres for uniform air distribution
- Internal pipe connection to wall mounted unit for easy and neat installation



Air Conditioning | Heating  
Ventilation | Controls



# Air Conditioning

## Product Information

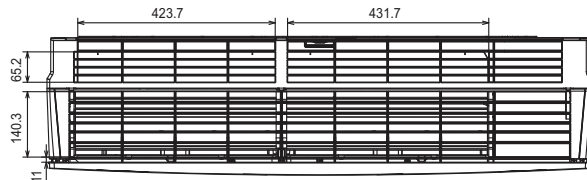
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| PKA-RP - INDOOR UNITS                       |                   | PKA-RP100KAL        |
|---|-------------------|---------------------|
| CAPACITY (kW)                               | Heating (nominal) | 11.2 (4.5-14.0)     |
|   | Cooling (nominal) | 9.5 (4.9-11.4)      |
|   | Heating (UK)      | 9.5 (3.85-11.9)     |
|   | Cooling (UK)      | 9.2 (4.5-10.5)      |
| SHF (nominal & UK)                          |                   | 0.73                |
| COP / EER (nominal)                         |                   | 3.68 / 3.96         |
| SCOP / SEER (BS EN14825)                    |                   | 4.1 / 6.0           |
| 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)                  |                   | 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                   |

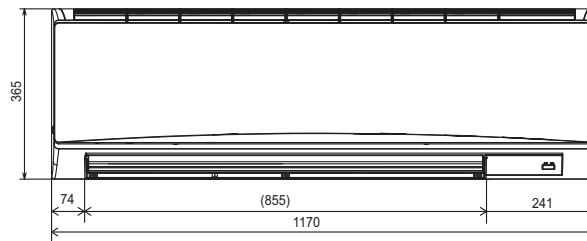
## DIMENSIONS

Upper View

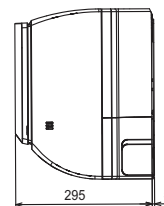


| PUHZ-ZRP - OUTDOOR UNITS                         |  | PUHZ-ZRP100VKA2        |
|--|--|------------------------|
| SOUND PRESSURE LEVEL (dBA) Heating/Cooling       |  | 51 / 49                |
| SOUND POWER LEVEL (dBA) Cooling                  |  | 69                     |
| WEIGHT (kg)                                      |  | 123                    |
| DIMENSIONS (mm) Width x Depth x Height           |  | 1050 x 330 + 40 x 1338 |
| ELECTRICAL SUPPLY                                |  | 380-415v, 50Hz         |
| PHASE  |  | Three                  |
| SYSTEM POWER Heating/Cooling (nominal)           |  | 3.04 / 2.65            |
| INPUT (kW) Heating/Cooling (UK)                  |  | 2.43 / 2.28            |
| STARTING CURRENT (A)                             |  | 4.0                    |
| SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX] |  | 4.06 / 4.03 [8.6]      |
| FUSE RATING (BS88) - HRC (A)                     |  | 16                     |
| MAINS CABLE No. Cores                            |  | 5                      |
| MAX PIPE LENGTH (m)                              |  | 75                     |
| MAX HEIGHT DIFFERENCE (m)                        |  | 30                     |
| CHARGE R410A (kg) - 30m                          |  | 5.0                    |

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 and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



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 to the environment

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