

Air Conditioning

Product Information

PUMY-P100YHMB : Y Series 4hp Outdoor Unit

R410A Heat Pump



CITY MULTI



The latest in Mitsubishi Electric Y Series technology incorporated within the new City Multi 4hp model allows up to 8 indoor units to be connected to a single outdoor unit, using the standard branch/header pipework system proven in the larger models. Utilising the latest Mitsubishi Electric Inverter technology, the system is fully controllable with all City Multi controllers or linked to third party BEMS.

FEATURES



OUTDOOR

| | |
|---|---------------------|
| Heating Capacity (kW) (nominal) | 12.5 |
| Cooling Capacity (kW) (nominal) | 11.2 |
| Heating Capacity (kW) (UK) | 10.4 |
| Cooling Capacity (kW) (UK) | 10.3 |
| Heating Power Input (kW) (nominal) | 3.63 |
| Cooling Power Input (kW) (nominal) | 3.3 |
| Heating Power Input (kW) (UK) | 3.23 |
| Cooling Power Input (kW) (UK) | 2.81 |
| COP / EER (nominal) | 3.44 / 3.39 |
| SCOP / SEER | 3.4 / 5.2 |
| Energy Efficiency Class - Heating / Cooling | A / A |
| Max No. of Connectable Indoor Units | 8 |
| Max Connectable Capacity | 130% |
| Airflow (m³/min) | 100 |
| Pipe Size Gas (mm [in]) | 15.88 (5/8) |
| Pipe Size Liquid (mm [in]) | 9.52 (3/8) |
| Sound Pressure Level (dBA) | 49 |
| Sound Power Level (dBA) Cooling | 70 |
| Weight (kg) | 142 |
| Dimensions (mm) Width x Depth x Height | 950 x 330+30 x 1350 |
| Electrical Supply | 380-415V, 50HZ |
| Phase | 3 |
| Starting Current (A) | 5 |
| Running Current (A) - Heating | 5.32 |
| Running Current (A) - Cooling | 4.84 |
| Guaranteed Operating Range (°C) - Heating | -15 ~ 15 |
| Guaranteed Operating Range (°C) - Cooling | -5 ~ 46 |
| Fuse Rating (BS88) - HRC (A) | 16 |
| Mains Cable No. Cores | 4+ EARTH |

PIPING RESTRICTIONS

| | |
|---|-----|
| Total Piping Length (m) | 120 |
| Furthest Piping Length (m) | 80 |
| Furthest Piping Length After First Branch (m) | 30 |
| Between Indoor and Outdoor units - Height (m) | 50 |
| Between Indoor and Indoor units - Height (m) | 12 |

DIMENSIONS

PUMY-P100YHMB

