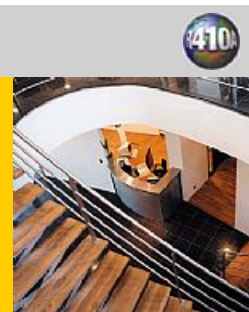




PFD-P500VM-E

Downflow Indoor Unit

R410A Heat Pump Close Control System



Mitsubishi Electric's new Close Control System is specifically designed for computer rooms, laboratories etc, where a need for high sensible cooling and close control of temperature and humidity is required. Because of the need for close control 24 hours a day, 365 days a year, a newly developed inverter driven compressor has been incorporated into the outdoor unit, maximising the energy efficiency of the PFD series. It is also able to be connected to a computer network using our G50 Controller, in order to monitor and provide remote email alarms.

- **High Sensible Cooling**
- **Energy efficient with high COP's**
- **Close control of temperature, $\pm 1^{\circ}\text{C}$**
- **Easy to install - no service space needed at the rear of the unit**
- **Optional third party humidifier available**
- **Quick recovery following power failure**
- **Improved pipe runs - connects to PUHY-P250YJM-A outdoor units and PQHY-P250YHM-A condensing units**
- **Return or discharge air temperature control**



Pictures not to scale

Product Details

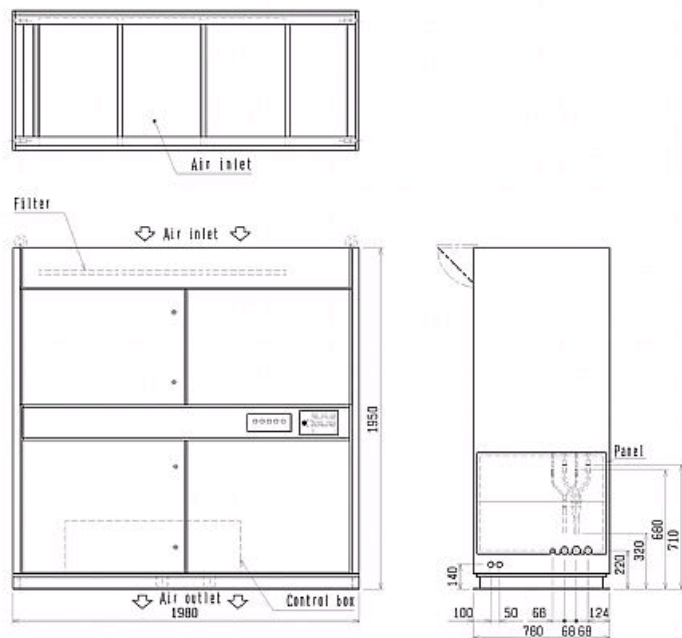
| PFD-P500VM-E | |
|------------------------------------|----------------|
| Capacity (kW): | |
| Heating (Nominal) | 63.0 |
| Cooling (Nominal) | 56.0 |
| Heating (UK) | 55.4 |
| Cooling (UK) | 51.5 |
| SHF R410A (UK) | 0.93 |
| Power Input (kW) Heating (Nominal) | 5 |
| Power Input (kW) Cooling (Nominal) | 5 |
| Airflow(m3/min) | 320 |
| External Static Pressure Pa | 120 |
| Noise (dBA) | 63 |
| Pipe Size Gas mm (in) | 22.2 (7/8) |
| Pipe Size Liquid mm (in) | 9.52 (3/8) |
| Width - mm | 1980 |
| Depth - mm | 780 |
| Height - mm | 1950 |
| Weight - kg | 520 |
| Electrical Supply | 380-415v, 50Hz |
| Phase | 3 |
| Mains Cable No. Cores | 4 + earth |
| Starting Current (A) | 68 |
| Running Current (A) - Heating | 8.7 |
| Running Current (A) - Cooling | 8.7 |
| Fuse Rating (BS88) - HRC (A) | 20 |

Piping Restrictions

| | |
|---|-----|
| Total Piping Length (m) | 165 |
| Between Indoor and Outdoor Units - Height (m) | 50 |

Dimensions

PFD-P500VM-E



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Mitsubishi Electric reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement.

