



PFD-P250VM-E

Downflow Indoor Unit

R410A Heat Pump or Cooling Only 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 PUY-P250YGM-A or PUHY-P250YGM-A outdoor units**
- **Return or discharge air temperature control**



Pictures not to scale

Product Details

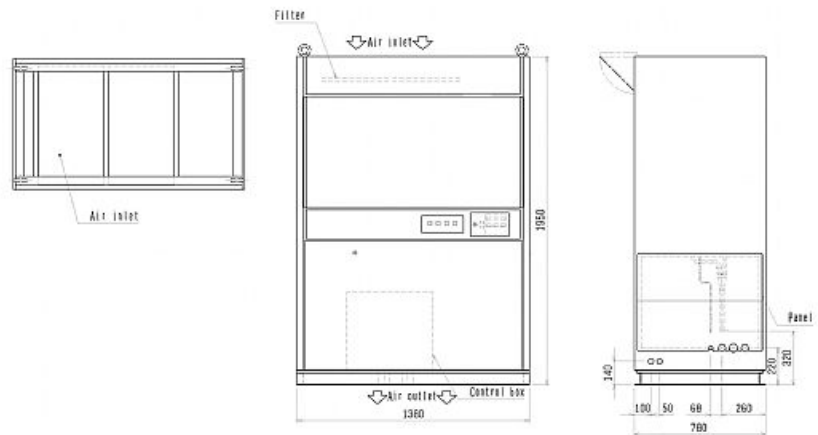
PFD-P250VM-E	
Capacity (kW):	
Heating (Nominal)	31.5
Cooling (Nominal)	28.0
Heating (UK)	29.1
Cooling (UK)	26.6
SHF R410A (UK)	0.93
Power Input (kW) Heating (Nominal)	2.5
Power Input (kW) Cooling (Nominal)	2.5
Power Input (kW) Heating (UK)	2.15
Power Input (kW) Cooling (UK)	2.15
Airflow(m ³ /min)	160
External Static Pressure Pa	120
Noise (dBA)	59
Pipe Size Gas mm (in)	22.2 (7/8)
Pipe Size Liquid mm (in)	9.52 (3/8)
Width - mm	1380
Depth - mm	780
Height - mm	1950
Weight - kg	380
Electrical Supply	380-415v, 50Hz
Phase	3
Mains Cable No. Cores	4 + earth
Starting Current (A)	47
Running Current (A) - Heating	4.9
Running Current (A) - Cooling	4.9
Fuse Rating (BS88) - HRC (A)	16

Piping Restrictions

Total Piping Length (m)	150
Between Indoor and Outdoor Units - Height (m)	50

Dimensions

PFD-P250VM-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.

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