



# 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-P500YGM-A outdoor unit**
- **Return or discharge air temperature control**



Pictures not to scale

## Product Details

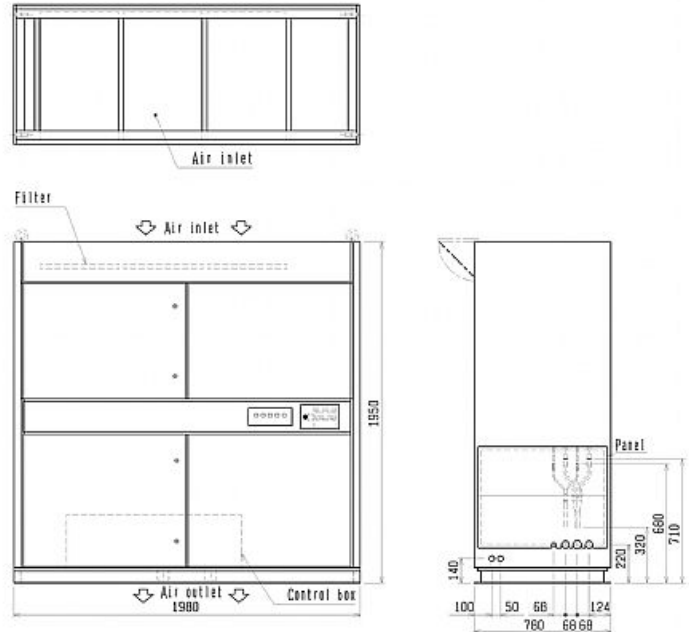
PFD-P500VM-E	
Capacity (kW):	
Heating (Nominal)	63.0
Cooling (Nominal)	56.0
Heating (UK)	55.4
Cooling (UK)	51.5
SHF R410A (UK)	0.93
Power Input (kW) Heating (Nominal)	5
Power Input (kW) Cooling (Nominal)	5
Power Input (kW) Heating (UK)	4.3
Power Input (kW) Cooling (UK)	4.3
Airflow(m <sup>3</sup> /min)	320
External Static Pressure Pa	120
Noise (dBA)	63
Pipe Size Gas mm (in)	28.58 (1 1/8)
Pipe Size Liquid mm (in)	15.88 (5/8)
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)	150
Between Indoor and Outdoor Units - Height (m)	50

## Dimensions

PFD-P500VM-E



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