

Air Conditioning

Product Information

PFD-P500VM-E : Downflow Indoor Unit

R410A Heat Pump Close Control System



Mitsubishi Electric's 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 AG150 Controller, in order to monitor and provide remote email alarms.

PFD Stand (KS6-500) available separately for false floor application.

FEATURES



CLOSE CONTROL SYSTEM

Cooling Capacity (kW) (nominal)	56
SHF (nominal)	0.93
Cooling Power Input (kW) (nominal)	5
Airflow (m ³ /min) - Hi	320
External Static Pressure (Pa)	120
Pipe Size Gas (mm [in])	22.2 (7/8)
Pipe Size Liquid (mm [in])	9.52 (3/8)
Sound Pressure Level (dBA)	63
Weight (kg)	520
Dimensions (mm) Width	1980
Dimensions (mm) Depth	780
Dimensions (mm) Height	1950
Electrical Supply	380-415V, 50HZ
Phase	3
Starting Current (A)	68
Running Current (A) Cooling	8.7
Fuse Rating (BS88) - HRC (A)	20
Mains Cable No. Cores	4 + EARTH

PIPING RESTRICTIONS

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

DIMENSIONS

PFD-P500VM-E

