



Industry Water Chilled Fan Coil Unit

Air Flow: 1600-4000CFM

Characteristics

Frame and structure

Panels and frame are made from galvanized steel, properly punched and punched for fixing both accessories and the unit itself

Water coil

The coils are made from seamless tubes expanded into aluminum fins in continuous block. The connections have brass headers with female fittings and provided with easily accessible vent and drainage valve

Fan deck

The fan decks are composed of double suction centrifugal fans with aluminum impellers and 3-speed fan motors. Each fan motor assembly is dynamically balanced

Drip tray

The drip trays are made from sheet metal treated with polyester powder coating to ensure total resistance to atmospheric agents

Filter

The easily removable filter is made of filtering honeycomb polypropylene fabric and supported by an aluminum frame. The filter is installed on the units with plenum only

Electric connection box

All electric wires are connected to enclosed electrical terminal block, situated on the same side of the water connections

Optional

- ◆ On-board thermostat and remote thermostat
- ◆ Electric heater

Nomenclature

AM FP25H

① ② ③④

④H: Horizontal

V: Vertical

① AMRTA air product

② Fan Coil Unit

③Model:25, 34 , 42, 55, 68

Technical Data

Model Unit		25	34	42	55	68
Air flow	CFM	1600	2000	2500	3200	4000
Total Cooling capacity	Ton	4	5	6.5	7.91	9.8
Sensible Cooling Capacity	But/hr	36000	48000	62500	72000	100000
Heating Capacity	Ton	6.3	7.7	9.1	11.5	13.8
ESP	InchWG	0.30	0.30	0.4	0.5	0.5
Power supply	V/PH/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Water flow rate	M ³ /H	2.75	3	3.9	4.8	5.9
Water connection size	DN	25	32	32	32	40
Pressure drop	KPa	50	55	55	60	62
Fan motor quantity	QTY	1	1	2	2	2
Fan Type	/	Centrifugal Fan				
Fan blade Material	/	Galvanized steel				
Fan Driven	/	Direct drive				
Drain pipe	DN	25				
Dimension	mm	1300	1400	1650	1900	2200
		1050	1050	1050	1050	1050
		520	520	520	520	550
Net weight	kg	85	105	125	145	160

*The data are referred to the following conditions:

Cooling: room temperature: 27°C 50% RH, water temperature: 7/12°C, high speed.

Heating: room temperature: 21°C, water temperature: 45/40°C, high speed.