MILLER®

High ESP Fan Coil Unit

For better life





SPECIFICATION

FRAME and STRUCTURE

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

HIGH EFFICIENCY COIL

The coils are made of 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.

LOW NOISE

Thanks to the rigidly bolted panel, dynamic and static balancing test of fans, maximum to reduce the vibration and noise. Coupled with high quality insulation material inside the unit, superb low noise performance is achieved.

MULTIPLE ESP AVAIABLE

Stand units come with ESP 150Pa/3speed, able to suit different applications, and also able to tailor-made other high ESP.

FAN

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.

DRAIN PAN

Drain pan with integral thermal insulation and professional welding skill enable all condensation water to be collected and prevent leakage.

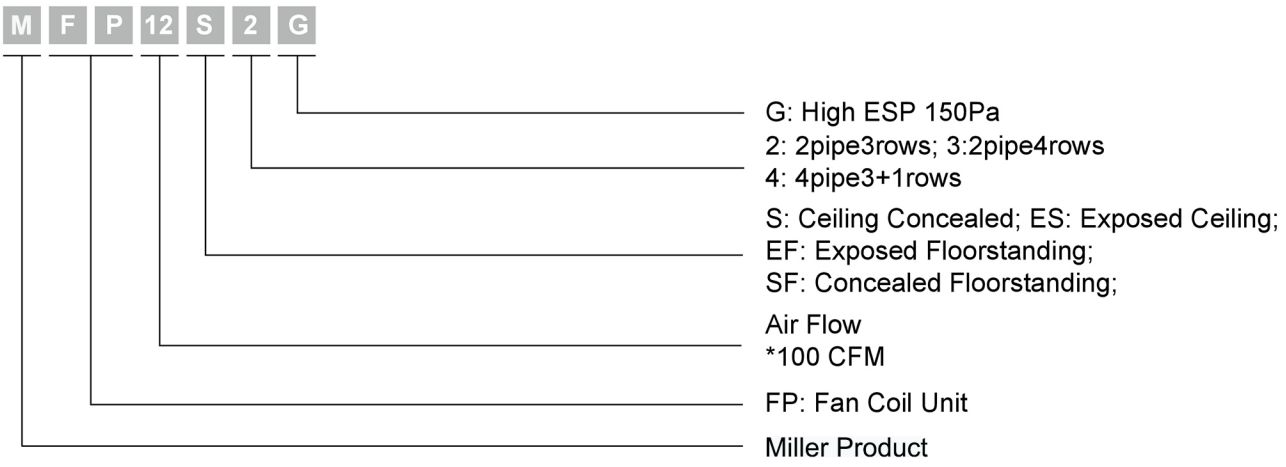
FILTER

Filter is made of aluminum net and aluminum frame, easy to clean and replace.

OPTIONAL

- ♦ Electric heater
- ♦ Return air box
- ♦ DC brushless motor

NOMENCLATURE



MILLER®

SPECIFICATION

2pipe3row

Indoor Unit		Ceiling Concealed Duct				
Model		HFP12	HFP14	HFP16	HFP18	HFP20
Cooling Capacity	kW	11.2	12.8	13.8	14.6	16.6
Water Flow	GPM	8.6	9.9	10.7	11.4	13
Water Pressure Drop	kPa	21.9	24.8	28	34	38.3
Air Flow Rate						
High/Med/Low	CFM	1238/1052/941	1441/1225/1095	1594/1403/1265	1803/1591/1400	2006/1759/1548
	CMM	35.1/29.8/26.6	10.8/34.7/31.0	45.1/39.7/35.8	51.1/45.0/39.6	56.8/49.8/43.8
Fan Motor						
Type	/	3-Speed Permanent Split Capacitor Motor				
ESP	/	50-100-150Pa				
Class	/	B				
Power Supply	/	220 ～ 240V/1PH/50HZ				
Input Power	W	334	396	428	517	710
No. used	/	2	2	2	2	2
Fan						
Material	/	Galvanized Steel				
Type	/	Centrifugal Fan (Forward curved)				
No. used	/	2	2	2	2	2
Noise Level						
High/Med/Low	dB(A)	52/48/44	54/49/46	56/52/46	56/52/47	59/55/51
Drain Pan						
Material	/	Galvanized Steel				
Insulation	/	PE				
Filter						
Material	/	Synthetic Nylon(optinal Aluminum)				
Dimension	mm	315×780	315×910	320×1，080	320×1，080	320×1,270
Unit Size						
Dimensions	mm	1,000×375×700	1,130×375×700	1,300×380×700	1,300×380×700	1490×380×700
Net Weight	kg	62	73	83	84	91
Pipe Connection						
Water Inlet	mm	25.4	25.4	25.4	25.4	25.4
Water Outlet	mm	25.4	25.4	25.4	25.4	25.4
Drain hose	mm	19.05	19.05	19.05	19.05	19.05

Note:
1. Capacities are based on the following conditions:
   - Cooling : Entering air temperature 80.6°F (27°C)DB / 66.2°F (19°C) WB
     Entering water temperature 44.6°F (7°C)
     Water temperature rise 9°F (5°C)
2. Air Flow : Under dry coil conditions at 50 Pa external static pressure.
3. Due to our policy of innovation some specifications may be changed without notification.

MILLER TURBO POWER (USA)
Chiller Units Division
Phone: (917) 809 4700
30 Board Street 14th Floor
New York, NY 10004, USA
Email: info@millerturbo.com
www.millerturbo.com