



FAN COIL UNITS

Floor Concealed Type



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ISO 90001

ISO 9001
BUREAU VERITAS
Certification



Chiller Water Type Standard Specifications

60Hz/50Hz

MODEL	UNIT	YFFR					
		300	400	600	800	1000	1200
Cooling Capacity	Kcal/h	2,550	3,450	5,350	7,150	8,400	9,350
Heating Capacity	Kcal/h	4,200	5,900	8,460	11,040	13,200	14,900
Air volume	m ³ /h	620	960	1,210	1,460	1,800	2,300
Fan							
Type	Double inlet Centrifugal Forward-curved Fan						
Number	pcs	1	1	2	2	3	4
Motor							
Power source	1 PH - 110V - 60Hz / 1 PH - 220V - 60Hz/ 1 PH - 220V - 50Hz						
Type	E Class Insulation 3 Speed Permanent Split-capacitor Motor						
Number	pcs	1	1	1	1	2	2
Power Input	W	45	55	60	80	128	134
Running Current(110V)	A	0.41	0.51	0.60	0.79	1.20	1.25
Running Current(220V)	A	0.21	0.26	0.30	0.40	0.60	0.63
Coil							
Type	Slit aluminum Fins mechanically bonded to copper tubes						
Operating Pers.	Kg/cm ²	17.5	17.5	17.5	17.5	17.5	17.5
Water Flow	l/min	8.5	11.5	17.8	23	28.0	31.2
Head	mAq	0.9	1.5	3.1	5.0	2.6	3.1
Dimension							
A	mm	564	754	954	1184	1404	1604
B	mm	540.4	730.4	930.4	1160.4	1380.4	1590.4
Water Conn.	in	3/4	3/4	3/4	3/4	3/4	3/4
Drain Conn.	in	3/4	3/4	3/4	3/4	3/4	3/4
Net Weight	Kg	21	24	29	36	41	46

Note : the capacity is based on the following conditions

Cooling – Entering air temp. 27°C DB, 19.5°C WB.

Entering chilled water temp 7°C leaving temp rise 5°C

Heating – Entering air temp 21°C DB.

Entering hot water temp 60°C

Direct Expansion Type Standard Specifications

60Hz/50Hz

MODEL	UNIT	YFFR-X					
		300	400	600	800	1000	1200
Cooling Capacity	Kcal/h	2,550	3,450	5,350	7,150	8,400	9,350
Heating Capacity	Kcal/h	4,200	5,900	8,460	11,040	13,200	14,900
Air volume	m ³ /h	620	960	1,210	1,460	1,800	2,300
Fan							
Type	Double inlet Centrifugal Forward-curved Fan						
Number	pcs	1	1	2	2	3	4
Motor							
Power source	1 PH -220V - 60Hz / 1 PH - 220V - 50Hz						
Type	E Class Insulation 3 Speed Permanent Split-capacitor Motor						
Number	pcs	1	1	1	1	2	2
Power Input	W	45	55	60	80	128	134
Running Current	A	0.21	0.26	0.30	0.40	0.60	0.63
Coil							
Type	Slit aluminum Fins mechanically bonded to copper tubes						
Operating Pers.	Kg/cm ²	20					
Refrigerant	R-410A						
Dimension							
A	mm	856	1060	1264	1468	1672	1876
B	mm	540.4	730.4	930.4	1164.4	1382.4	1590.4
Liquid Line	in	1/4	1/4	1/4	1/4	3/8	3/8
Suction Line.	in	3/8	1/2	1/2	5/8	5/8	5/8
Net Weight	Kg	21	24	29	36	41	46

Note : the capacity is based on the following conditions

Cooling—Entering air temp. 27°C DB, 19.5°C WB.

Refrigerant evaporator temp 7°C.

Fan Coil Units (Floor Concealed Type) Construction and General Features

1. This series Fan Coil Unit have chiller water type & direct expansion type. Chiller water type use chiller units' chiller water make cooling; also use heat recovery water make heating. Direct expansion type use condensing units' refrigerant make cooling.
2. YANGFAN fan-coil units are fabricated of rigid galvanized steel casing, complete with quiet metal DIDW centrifugal fan, slit aluminum finned coil, and steel galvanized drain pan with 5mm high density self fire-extinguishing insulation, providing the units a compact appearance and a minimum 10-year life time as designed. Under correct installation, well maintenance and normal operation conditions, the units even work in trouble-free for more years than the designed life.
3. Super thin body fits in nobly with interior decoration, concealed installation in the cabinet, able to enjoy gentle breeze in the elegant style.
4. Washable air filter, easy to dismantle and maintain, keeping air always fresh.
5. Able to install the air velocity or temperature control switch at suitable location inside the room, connecting to the fan coil unit for controlling the desired air volume and temperature.

Fan Coil Units (Floor Concealed Type) Dimensions

