



FAN COIL UNITS

Floor Cabinet Type



YANGFAN DEVELOPMENT CO., LTD.

NO. 935, Gaoshi Rd., Hangmei City
Taoyuan Country 32668, TAIWAN, (R.O.C.)
TEL:886-3-496-7111
FAX:886-3-496-7112
E-mail: yfcl@ms37.hinet.net
<http://www.yangfan.com.tw>

ISO 9001



Chiller Water Type Standard Specifications

60Hz/50Hz

MODEL	UNIT	YFF					
		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	m³/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/cm²	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 Loss	mAq	0.9	1.5	3.1	5.0	2.6	3.1
Dimension							
A	mm	856	1060	1264	1468	1672	1876
B	mm	540.4	730.4	930.4	1164.4	1382.4	1590.4
Water Conn.	in	3/4	3/4	3/4	3/4	3/4	3/4
Net Weight	Kg	24	27	32	39	44	49

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	YFF-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	m³/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					
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/cm²	20	20	20	20	20	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	24	27	32	39	44	49

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 Cabinet 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. Modern designed appearance elegant color, cool in summer, warm in winter.
3. Super thin body saves installation space, fit in nobly with interior decoration.
4. Four direction adjustable air grille changes wind directions freely. Top discharge or horizontal discharge can be selected before order.
5. All units are using E class insulation 3-speed permanent split capacitor motor with its shaft normalized and chrome plating treated, no deflection, corrosion proof and durable. Ball bearings provide low-noise and save energy.
6. The coils are using slit aluminum fins mechanically and tightly bonded to seamless copper tubes, providing high heat transfer. For minimizing the pressure drop, all units adopt the brass water header to distribute the water fluently and evenly. An air vent on the header makes air in the system easily released.
7. Washable air filter, easy to dismantle and maintain, keeping air always fresh.

Fan Coil Units (Floor Cabinet Type) Dimensions

