

揚帆

YANGFAN

落地隱藏式室內送風機

Floor Concealed Type Fan Coil Unit



揚帆興業股份有限公司

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ISO 9001

BUREAU VERITAS
Certification



榮獲國際品質認證

冰水式送風機標準規範
Chiller Water type Standard Specifications

60Hz/50Hz

型號		單位	YFFR					
MODEL		UNIT	300	400	600	800	1000	1200
冷房能力	Cooling Capacity	Kcal/h	2,550	3,450	5,350	7,150	8,400	9,350
暖房能力	Heating Capacity	Kcal/h	4,200	5,900	8,460	11,040	13,200	14,900
風量 (高速)	Air volume	m ³ /h	620	960	1,210	1,460	1,800	2,300
風扇		Fan						
型式	Type	前曲葉片離心雙吸口式 Double inlet Centrifugal Forward-curved Fan						
數量	Number	pcs	1	1	2	2	3	4
馬達		Motor						
電源	Power source	1 PH - 110V - 60Hz / 1 PH - 220V - 60Hz/ 1 PH - 220V - 50Hz						
型式	Type	E 級絕緣電容器起動式三速馬達 E Class Insulation 3 Speed Permanent Split-capacitor Motor						
數量	Number	pcs	1	1	1	1	2	2
輸入功率	Power Input	W	45	55	60	80	128	134
運轉電流(110V)	Running Current	A	0.41	0.51	0.60	0.79	1.20	1.25
運轉電流(220V)	Running Current	A	0.21	0.26	0.30	0.40	0.60	0.63
盤管		Coil						
型式	Type	鋁質多縫鰭片，經機械脹管與紫銅管緊密結合 Slit aluminum Fins mechanically bonded to copper tubes						
操作壓力	Operating Pers.	Kg/cm ²	17.5	17.5	17.5	17.5	17.5	17.5
水流量	Water Flow	l/min	8.5	11.5	17.8	23	28.0	31.2
水壓降	Head Loss	mAq	0.9	1.5	3.1	5.0	2.6	3.1
外形尺寸		Dimension						
A		mm	564	754	954	1184	1404	1604
B		mm	540.4	730.4	930.4	1160.4	1380.4	1590.4
進水管徑	Water Conn.	in	3/4	3/4	3/4	3/4	3/4	3/4
排水管徑	Drain Conn.	in	3/4	3/4	3/4	3/4	3/4	3/4
產品淨重	Net Weight	Kg	21	24	29	36	41	46

附註：以上能量在下列室內狀況下求得：

冷房：進風乾球溫度 27°C，濕球溫度 19.5°C

冰水進水溫度 7°C，出水溫度升高 5°C

暖房：進風乾球溫度 21°C，熱水進水溫度 60°C

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

直膨式送風機標準規範
Direct Expansion type Standard Specifications

60Hz/50Hz

型號		單位	YFFR-X					
MODEL		UNIT	300	400	600	800	1000	1200
冷房能力	Cooling Capacity	Kcal/h	2,550	3,450	5,350	7,150	8,400	9,350
暖房能力	Heating Capacity	Kcal/h	4,200	5,900	8,460	11,040	13,200	14,900
風量 (高速)	Air volume	m ³ /h	620	960	1,210	1,460	1,800	2,300
風扇		Fan						
型式	Type	前曲葉片離心雙吸口式 Double inlet Centrifugal Forward-curved Fan						
數量	Number	pcs	1	1	2	2	3	4
馬達		Motor						
電源	Power source	1 PH -220V - 60Hz / 1 PH - 220V - 50Hz						
型式	Type	E 級絕緣電容器起動式三速馬達 E Class Insulation 3 Speed Permanent Split-capacitor Motor						
數量	Number	pcs	1	1	1	1	2	2
輸入功率	Power Input	W	45	55	60	80	128	134
運轉電流(220V)	Running Current	A	0.21	0.26	0.30	0.40	0.60	0.63
盤管		Coil						
型式	Type	鋁質多縫鰭片，經機械脹管與紫銅管緊密結合 Slit aluminum Fins mechanically bonded to copper tubes						
操作壓力	Operating Pers.	Kg/cm ²	20					
冷媒	Refrigerant	R-410A						
外形尺寸		Dimension						
A		mm	856	1060	1264	1468	1672	1876
B		mm	540.4	730.4	930.4	1164.4	1382.4	1590.4
液體管管徑	Liquid Line	in	1/4	1/4	1/4	1/4	3/8	3/8
迴流管管徑	Suction Line.	in	3/8	1/2	1/2	5/8	5/8	5/8
產品淨重	Net Weight	Kg	21	24	29	36	41	46

附註：以上能量在下列室內狀況下求得：

冷房：進風乾球溫度 27°C，濕球溫度 19.5°C
冷媒蒸發溫度 7°C。

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.

落地隱藏式室內送風機結構與特性

1. 本系列機種分為冰水式及直接膨脹式兩種。冰水式由冰水機送來冰水達到製冷的功能，由熱回收器送來熱水達到製熱的功能。直接膨脹式由冷凝機組送來冷媒達到製冷的功能。
2. 揚帆牌室內送風機採用鍍鋅鋼板機殼，配置前曲葉片式風車，鋁質多縫型鰭片盤管及 PE 防火保溫之滴水盤等，使整個送風機外形美觀，結構精緻。本產品設計耐用年限為十年，在安裝精確，維護良好，操作正常情況下，可使用十年以上而不致故障。
3. 機身超薄，可配合室內裝璜、隱蔽的裝置於矮櫃內，徐徐送風，格調高雅。
4. 附空氣濾網，可隨時拆下清洗，能保持室內空氣品質。
5. 可在室內適當位置安裝風速或溫控開關與本送風機連接，以控制所需的風量和溫度。

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.

落地隱藏型室內送風機外形尺寸

(Fan coil Units (Floor Cabinet Type) Dimensions

