

揚帆

YANGFAN

水冷多聯變頻空調機

WATER COOLED AIR CONDITIONER (MULTI INVERTER TYPE)



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



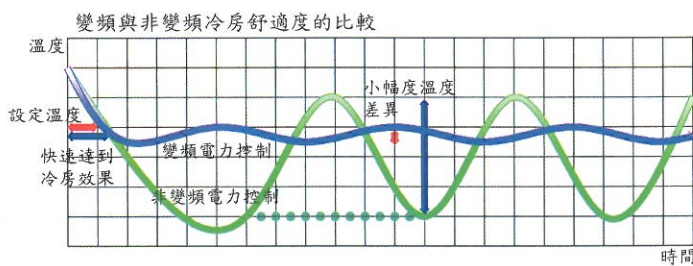
➡ 水冷多聯變頻空調機

1. 採用水冷卻及直接膨脹方式，使冷房能力達到最高。
2. 採用直流無刷變頻迴轉式壓縮機，能隨著整年季節交替，早晚氣溫變化不同等，自動調節壓縮機出力以創造省電效果。
3. 壓縮機採用降頻緩啟動方式來降低噪音，並可免除因啟動時大電流的浪費，一旦開始運轉後，即使負荷有變化，也能以變頻及嚴謹自動調控功能，使運轉平順，並節省耗電。
4. 機組採用懸吊方式安裝，施工便捷，可隱藏於天花板內，不佔地面空間，不影響室內裝潢。只要接妥電源和冷卻水管(毋需保溫)即可運轉。
5. 毋需主機房，有中央系統空調優點，兼具個別遙控特性，操作極為方便。

Water-cooled multi inverter air conditioner

Advantages:

1. Adopt water-cooled and direct expansion cooling type to secure the maximum cooling capacity.
2. Using DC brushless inverter rotary compressor, during the seasonal variation and morning and evening temperature change, the compressor can adjust its output automatically and save the power consumption as well.
3. Compressor start using the descending frequency soft start method to secure low noise as well as to save the large current waste during the start. Once the operation start, even the load variety continuously, the inverter and its auto capacity control able to keep the system operation smoothly. Meanwhile, the power saved also.
4. This is a suspended type air conditioner unit. Easy to install, able to concealed in the ceiling, no floor space occupied, no in-doors decoration infludced; just connect to the power supply and to the cooling water piping (no insulation needed), then turn the power supply for operation.
5. No main machinery room needed, With the merit of central system air-conditioner, Having individual remote control convenience, Easy to operate.



➡ 標準規範 Standard Specifications

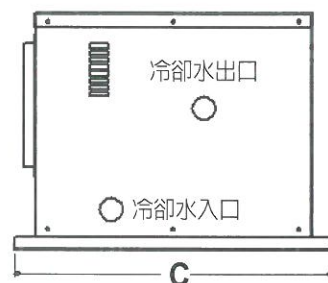
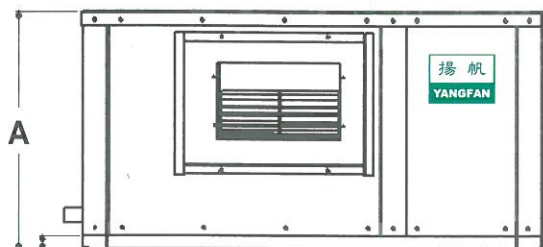
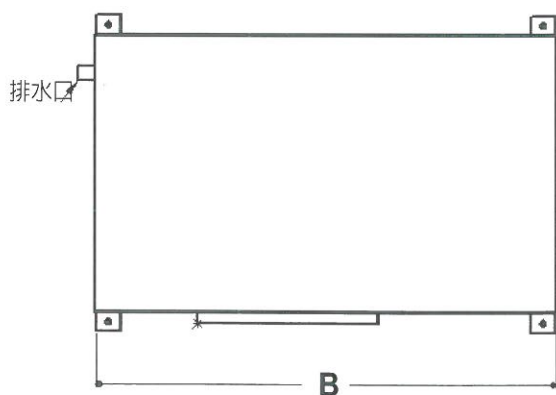
	型 號 MODEL	單位 UNIT	YVCP			
			12	24	36	60
冷房能力	Cooling Capacity	KW	1.75~3.51	3.54~7.23	5.27~10.5	8.70~17.40
總 耗 電	Power Input	KW	0.30~0.79	0.64~1.87	0.96~2.75	1.44~3.86
運轉電流	Operating Current	A	1.67~3.81	3.01~8.89	4.52~13.1	9.09~21.31
能源效率	COP	W/W	4.44	3.87	3.82	4.50
壓 縮 機	Compressor	全密閉變頻迴轉式壓縮機 Hermetic Inverter Rotory Type 1PH 220V (20Hz~60Hz)				
型 式	Type					
電 源	Power source					
風 扇	Fan	前曲葉片雙吸口式 Double Inlet Centrifugal				
型 式	Type					
靜 壓	Static Pressure	mmAq	4	4	4	4
數 量	Number	PCS	1	1	1	1
冷 凝 器	Condenser	雙重管式 Tube in Tube				
型 式	Type					
水 量	Water Flow	LPM	12.5	25	37.5	59.8
水頭損失	Head Loss	Kpa	1.2	1.8	2.0	4.0
接管口徑	Water Conn.	mm	20	20	25	25
蒸 發 器	Evaporator	鈹片盤管式 Slit Fin Coil				
型 式	Type					
冷 媒	Refrigerant					
外形尺寸	Dimension	R-410A				
高(A)	High	mm	380	450	500	530
寬(B)	Wide	mm	940	1000	1000	1320
深(C)	Depth	mm	690	690	690	820
產品淨重	Net Weight	kg	73	107	115	122

附註：

- (1) 建議安裝時，冷凝器進水管路上務必自行加裝 Y 型過濾器及出水管路上加裝水流開關。

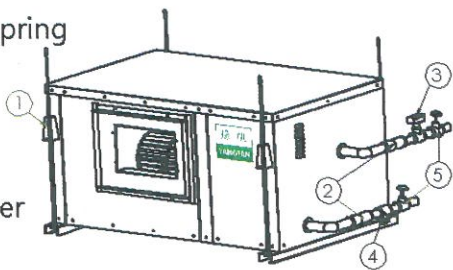
Note:

- (1) While installation, the "Y" strainer must Be installed on the condenser water inlet piping and flow switch on the outlet piping by yourself

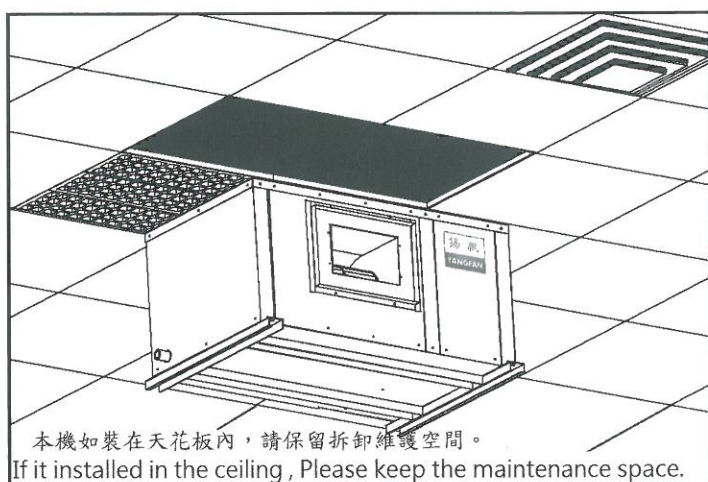


標準配管圖 STANDARD PIPING DRAWING

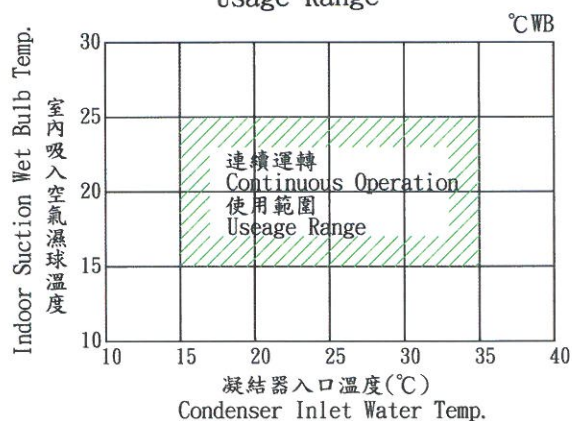
- ① 避震彈簧
Anti-vibrator spring
- ② 避震軟管
Flexible Pipe
- ③ 水流開關
Flow Switch
- ④ Y型過濾器
"Y" Type Strainer
- ⑤ 閘門閥
Stop Valve



多台並聯使用時，只要在主幹管上裝置③水流開關及④"Y"型過濾器。
When multiple units are installed in parallel, the ③ flow switch and ④ "Y" type strainer can be set only on trunk piping.



使用界限 Usage Range



配管系統圖 Piping System

