

# CF series

## Ceiling Exhaust Fan

■ 吸頂型箱型離心式風機







Flowtech Co. Ltd certifies that the Model CF shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

陽鼎實業股份有限公司特此證明，此處所示 CF 系列目錄獲得了加蓋 AMCA 印章的授權。所示額定值係根據 AMCA 出版物 211 和 AMCA 出版物 311 所進行測試和程序確定，並符合 AMCA 認證額定值計畫的要求。



# CF series

## Ceiling Exhaust Fan

吸頂型箱型離心式風機



The CF series are listed electric fans (UL 507). Ceiling Exhaust Fans are also UL listed for above bathtub/shower with GFCI branch protected circuit. File NO. E332624

CF系列產品通過UL認證（認證標準UL507），吸頂型箱型離心式風機同時通過認證可加裝GFCI（Ground Fault Circuit Interrupter漏電保護器）使用於淋浴間/浴室。UL認證編號：E332624

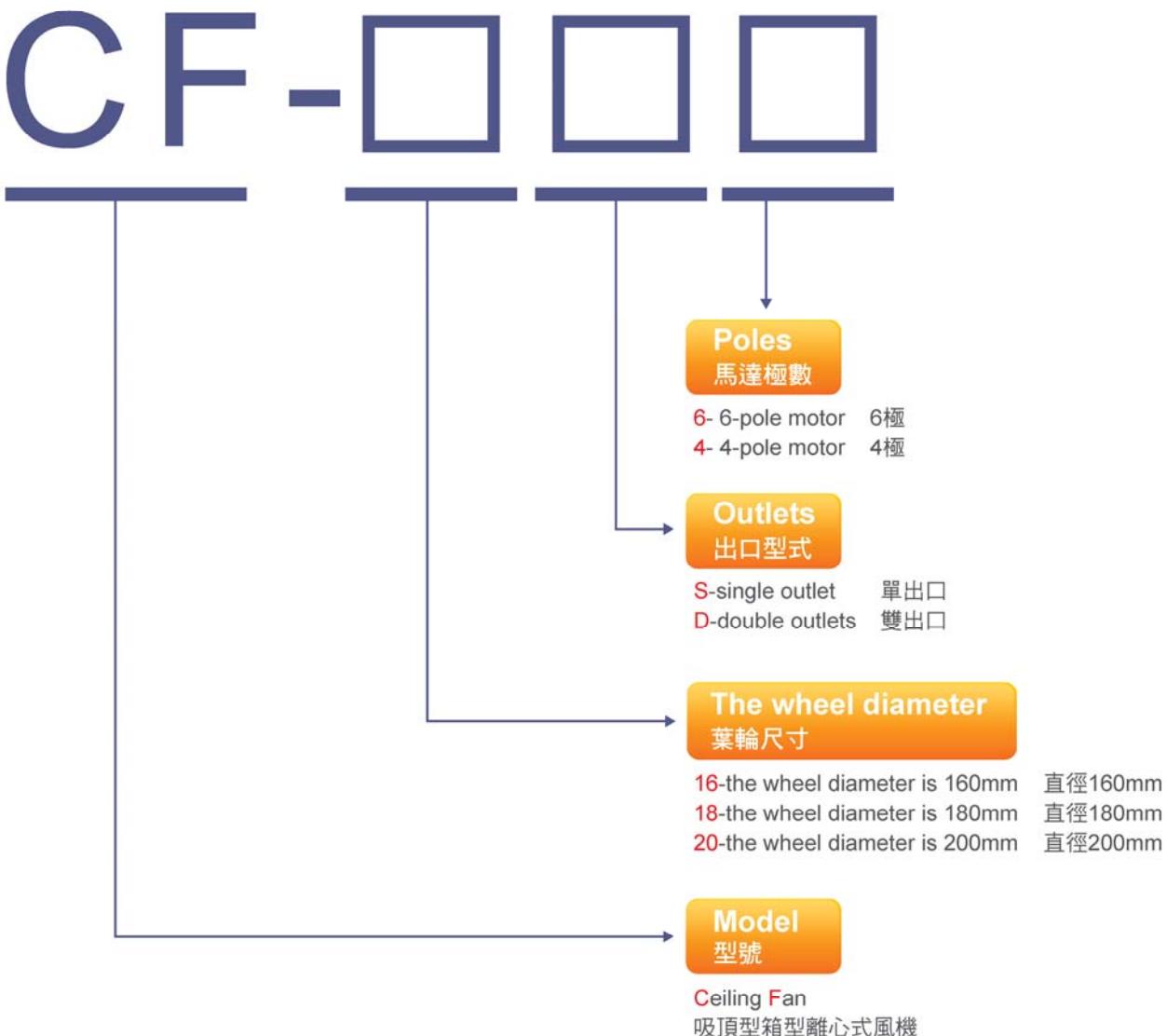
## >>> Application and Design / 產品應用與設計

The CF series are for indoor air exchange and clean and to ensure the indoor air quality and keep the comfortable of the indoor condition.

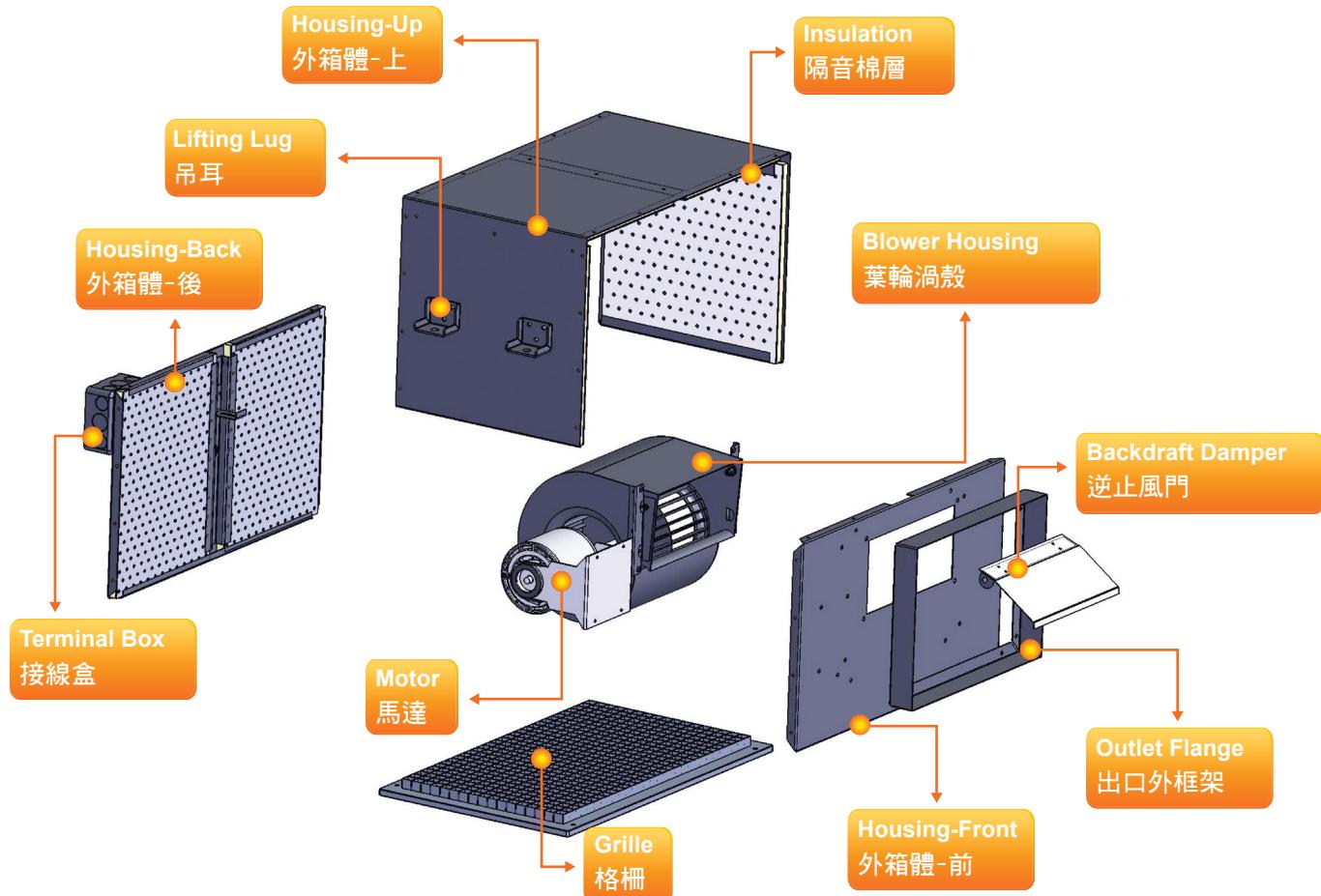
The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with requirements of the AMCA Certified Ratings Program.

CF 系列產品用於室內空氣交換與清淨，並確保室內空氣品質與維持室內環境之舒適度。

目錄上所示額定值係根據 AMCA 出版物 211 和 AMCA 出版物 311 所進行測試和程序確定，並符合 AMCA 認證額定值計畫的要求。



## &gt;&gt;&gt; Construction Features / 各物件構造特徵



## &gt; Housing

The housing is made of galvanized steel、stainless steel or other panels and combines with blind rivets. It has a minimum thickness of 1.2 mm. The outlet duct collar shall include a reinforced aluminum damper.

## &gt; 外箱體

外箱體為鍍鋅鋼材、不鏽鋼或其他材質製作，並由拉釘結合而成；其厚度最小為1.2mm。另外在出風口處加裝一可拆式鋁製逆止風門。

## &gt; Wheel

Wheels are forward curve centrifugal type. Wheel cones are carefully matched to the venture for maximum efficiency. Each wheel is statically and dynamically balanced to ISO 1940 or AMCA 204-G2.5 standards. The centrifugal wheel is made of galvanized steel, aluminum alloy or others, and could be anodized film and painted.

## &gt; 葉輪

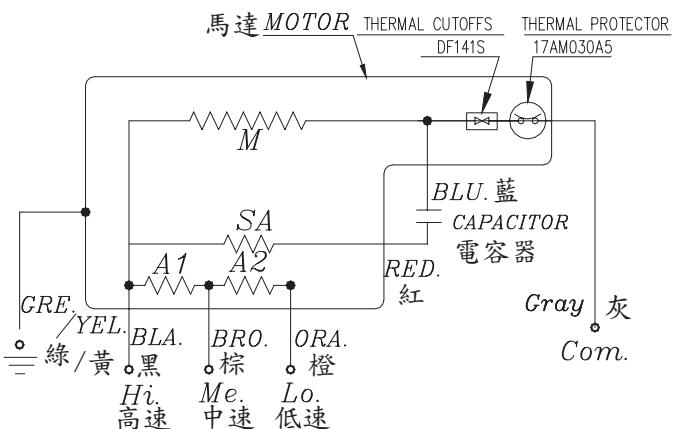
葉輪為不會過載設計，葉片為前傾式。且每個葉輪均依照ISO 1940或AMCA204-G2.5標準的動態與靜態平衡校正。葉輪之材質為鍍鋅鋼材、鋁合金或其他材料製作，並施以陽極或烤漆處理。

## > Motor

Motor shall be open drip proof type (ODP) with permanently lubricated sealed bearings, built-in thermal overload protection and disconnect plug. The motor is in support of changing three speeds. It is to collocate well with fan speed control (Options).

## > 馬達

馬達為防滴型(ODP)形式，且其軸承為免油脂潤滑滾珠軸承，並均配備過載保護器與切斷插頭，馬達可搭配速度控制器(選用配備)調節。

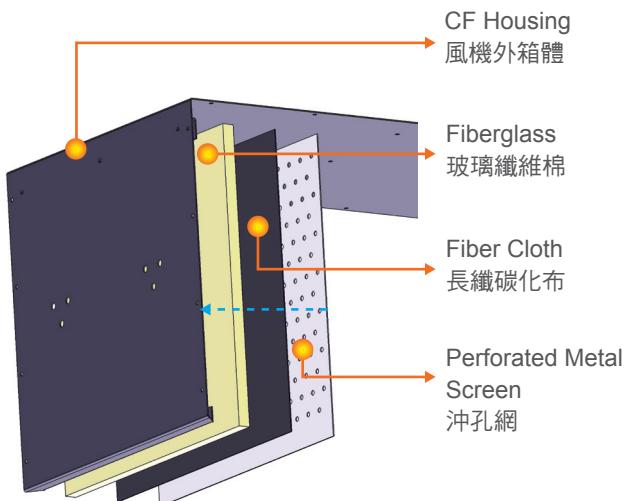


## > Insulation (Standard)

The insulation use fiberglass, then fiber cloth covers the fiberglass, and the perforated metal screen is secured in place to the side.

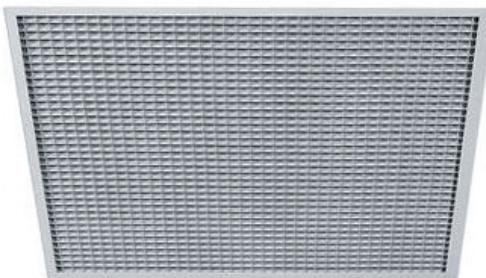
## > 隔音棉層（標準配備）

隔音棉層使用玻璃纖維棉，外襯長纖碳化布，並在其最外層以沖孔網板覆蓋。



## > Grille (Standard)

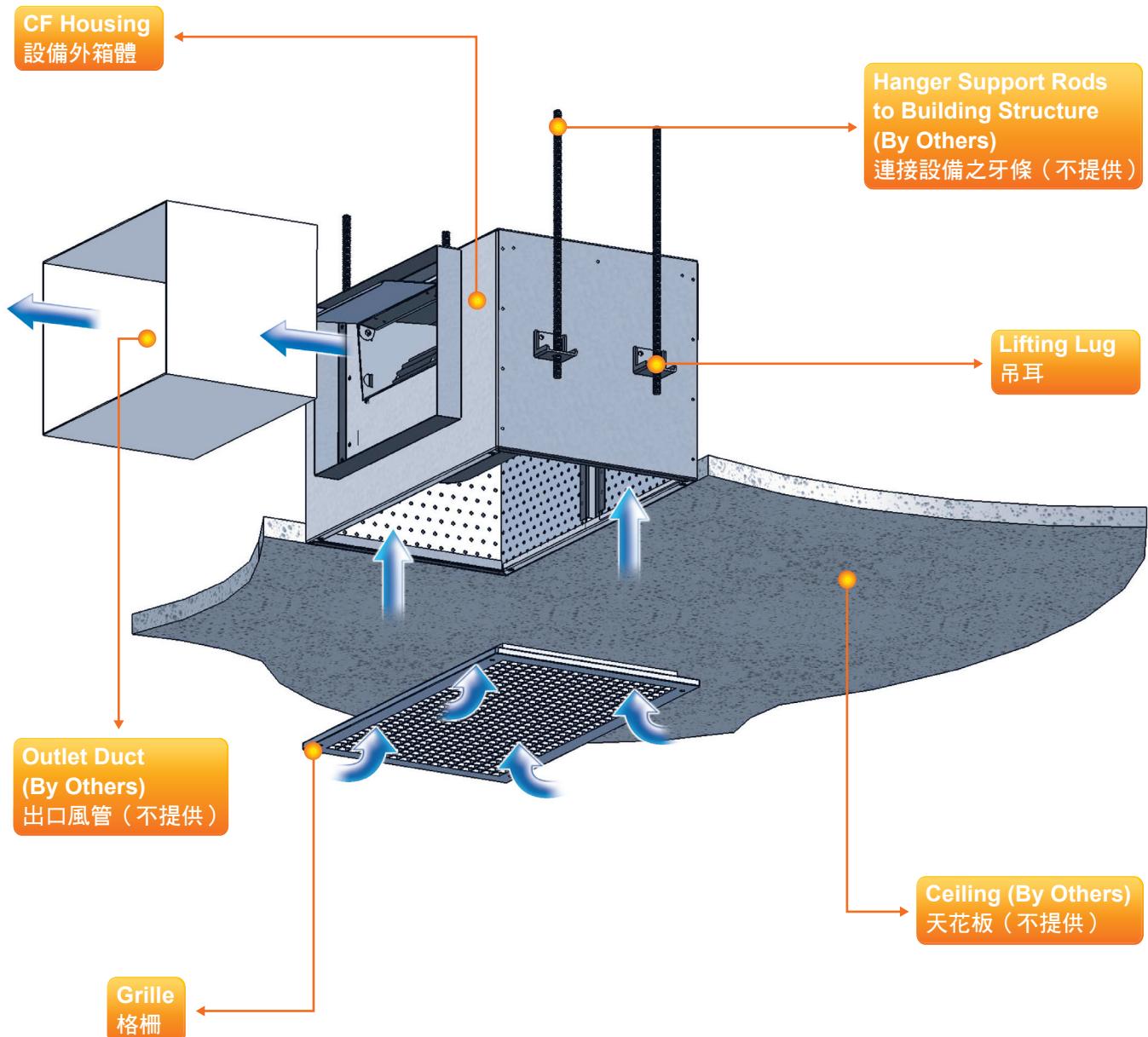
The grille is anodizes surface. It is light, easy to remove, wash and maintain.



## > 格柵（標準配備）

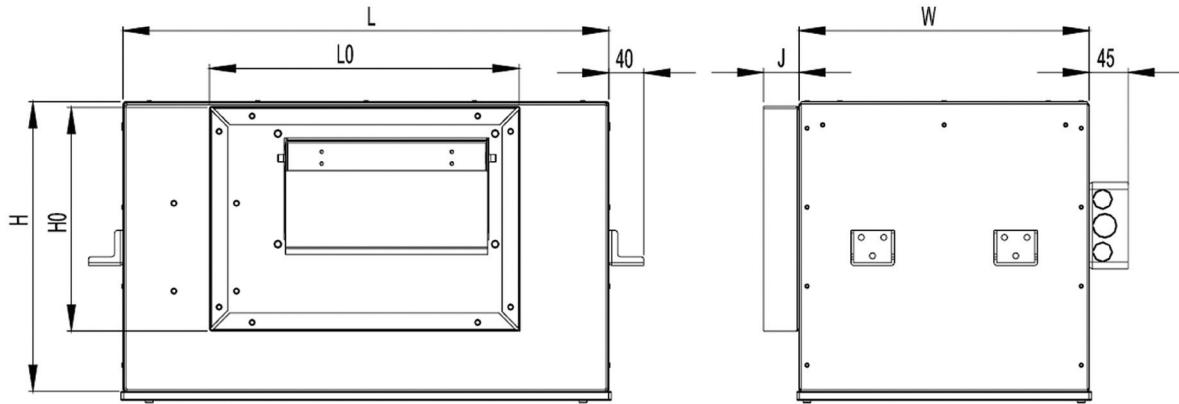
格柵可搭配烤漆；且質地輕、拆裝簡單、清洗方便與維護容易。

## &gt;&gt;&gt; Installation / 安裝



## >>> Dimension Datum / 尺寸資料

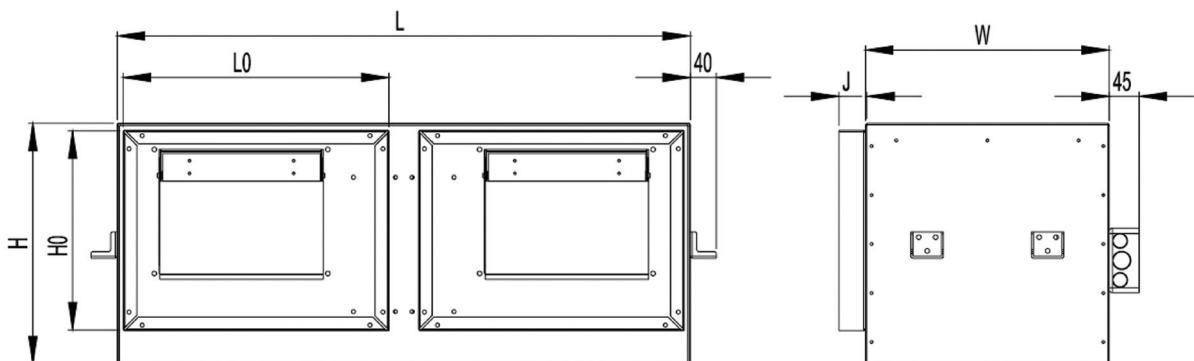
### > Single outlet / 單出口形式



Model 型號	Housing 外箱尺寸			Outlet 出口尺寸			Motor 馬達	
	L(mm)	H(mm)	W(mm)	Lo(mm)	Ho(mm)	J(mm)	Watts(W)	Amps(A)
CF-16S6	560	330	330	356	254	41	50	0.5
CF-18S6	615	370	370	457	305	41	125	1.0
CF-20S6	722	462	462	559	356	51	250	1.7

ALL DIMENSIONS IN MILLIMETERS

### > Double Outlets / 雙出口形式



Model 型號	Housing 外箱尺寸			Outlet 出口尺寸			Motor 馬達	
	L(mm)	H(mm)	W(mm)	Lo(mm)	Ho(mm)	J(mm)	Watts(W)	Amps(A)
CF-16D6	780	330	330	305	203	41	80	0.8
CF-18D6	880	370	370	406	305	41	220	1.1
CF-20D6	1020	400	400	406	254	41	320	2.6

ALL DIMENSIONS IN MILLIMETERS

## &gt;&gt;&gt; Performance Datum / 性能數據資料



- > Single Scroll Fan
- > Motors Are Three Speeds And In Single Phase
- > Low Sound Level
- > Stylish And Simple Appearance
- > Easy To Install And Maintain
- > Easy To Replace Form Grille To Duct

- > 單出口形式
- > 單相馬達並配備有三個速度
- > 低噪音等級
- > 外型時尚、簡約設計
- > 安裝簡單與維護容易
- > 可簡易更改入口形式為格柵或風管

Ceiling Fan Model No. 型號	VOLTS 電壓	Hz 頻率	MAX. WATT 最大電 功率	RPM 轉速	CMM/Static Pressure in millimeter of wg. 靜壓(SP)點下之風量(CMM)與聲功率(dBA)									
					SP (mmAq)	0	3	6	9	12	15	18	21	24
CF-16S6	220	60	97	1170	Q (CMM)	15	13	10	6					
					Lwi (dBA)	58	58	58	56					
CF-18S6	220	60	223	1204	Q (CMM)	18	16	15	13	12				
					Lwi (dBA)	64	63	64	64	65				
CF-20S6	220	60	356	1197	Q (CMM)	32	30	28	26	25	23	20	12	6
					Lwi (dBA)	67	67	66	66	65	65	64	64	63

● Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of inlet grille, insulation and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of the test. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for Installation Type A- Free Inlet, Free Outlet.

經認證的性能是A類安裝-自由入口，自由出口。各項性能額定值包括入口格柵、隔音棉與逆止風門的影響。所示速度(RPM)為公稱速度。性能以實際測試速度為依據。所示A加權聲音性能額定值已按AMCA International標準301標準計算。所示值為類型A-自由入口，自由出口的聲功率(入口LwiA)。

## >>> Performance Datum / 性能數據資料

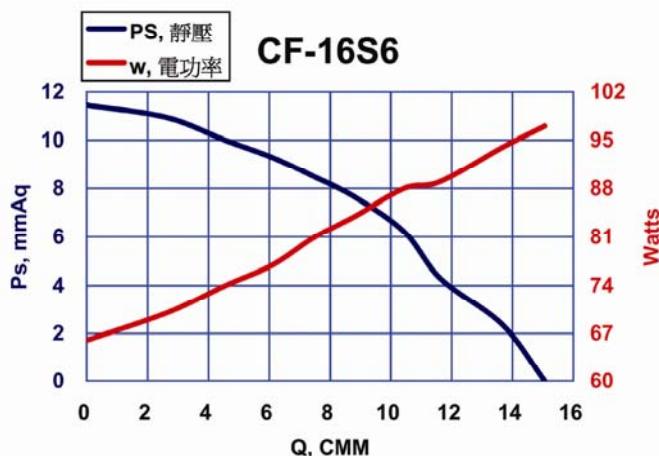


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| <ul style="list-style-type: none"> <li>› Double Scroll Fans</li> <li>› Motors Are Three Speeds And In Single Phase</li> <li>› Low Sound Level</li> <li>› Stylish And Simple Appearance</li> <li>› Easy To Install And Maintain</li> <li>› Easy To Replace Form Grille To Duct</li> </ul> | <ul style="list-style-type: none"> <li>› 雙出口形式</li> <li>› 單相馬達並配備有三個速度</li> <li>› 低噪音等級</li> <li>› 外型時尚、簡約設計</li> <li>› 安裝簡單與維護容易</li> <li>› 可簡易更改入口形式為格柵或風管</li> </ul> |
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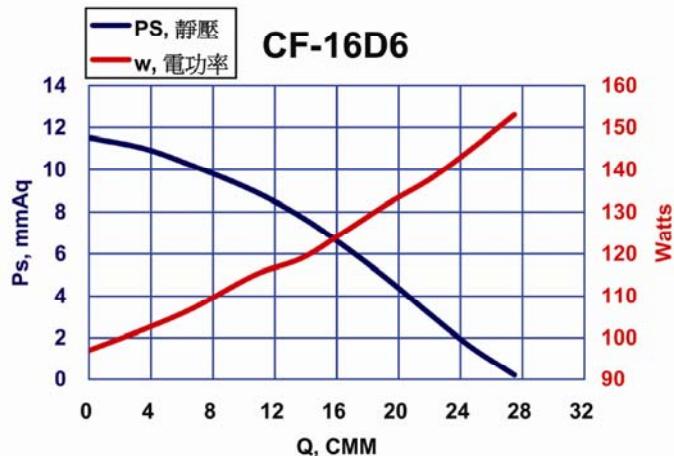
Ceiling Fan Model No. 型號	VOLTS 電壓	Hz 頻率	MAX. WATT 最大電 功率	RPM 轉速	CMM/Static Pressure in millimeter of wg. 靜壓(SP)點下之風量(CMM)與聲功率(dBA)											
					SP (mmAq)	0	3	6	9	12	15	18	21	24	27	
CF-16D6	220	60	153	1158	Q (CMM)	27	22	17	10							
					Lwi (dBA)	61	60	57	57							
CF-18D6	220	60	236	1194	Q (CMM)	32	29	26	24	14						
					Lwi (dBA)	61	60	59	59	58						
CF-20D6	220	60	462	1164	Q (CMM)	56	53	50	46	40	33	23	14	9	5	
					Lwi (dBA)	73	73	73	73	73	72	69	69	69	69	

- Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of inlet grille, insulation and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of the test. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for Installation Type A- Free Inlet, Free Outlet.

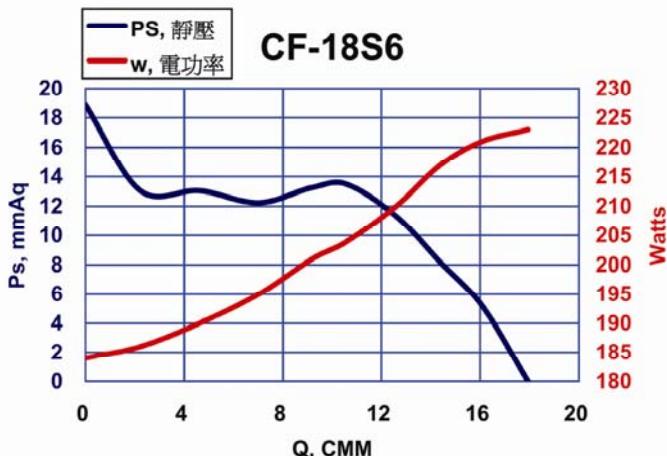
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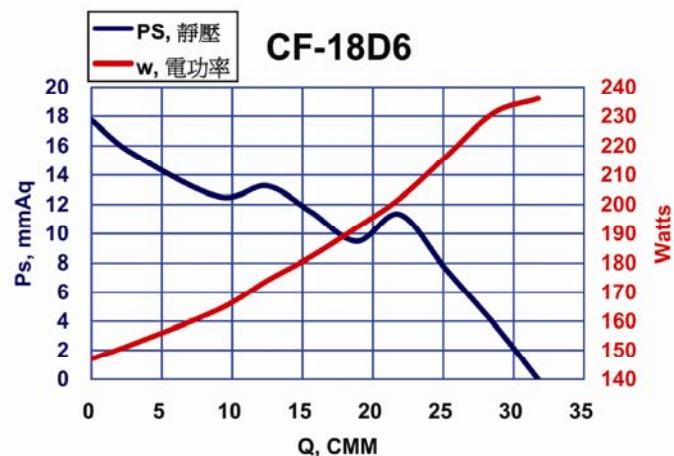
Nominal Speed of CF-16S6 - 1170 RPM



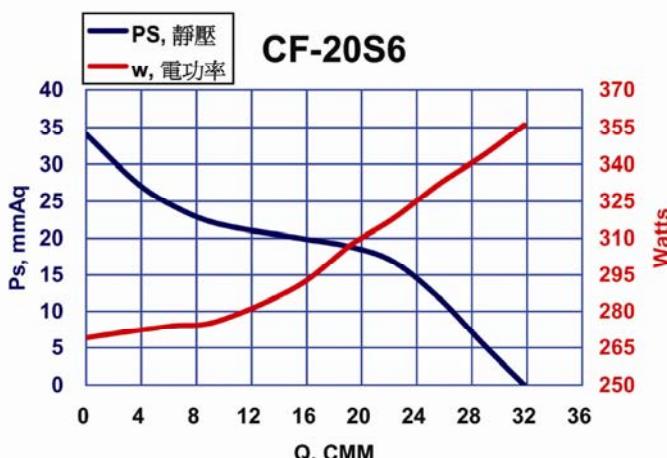
Nominal Speed of CF-16D6 - 1158 RPM



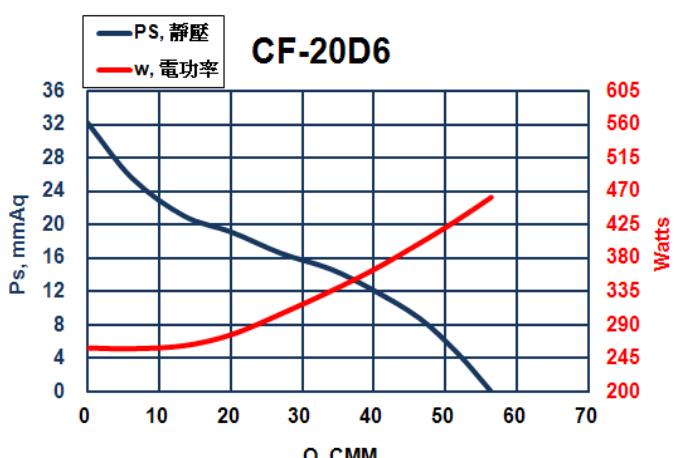
Nominal Speed of CF-18S6 - 1204 RPM



Nominal Speed of CF-18D6 - 1194 RPM



Nominal Speed of CF-20S6 - 1197 RPM



Nominal Speed of CF-20D6 - 1164 RPM

- Performance certified is for installation type A : Free inlet, free outlet. Performance ratings include the effects of inlet grille, insulation and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of the test.
- 經認證的性能是 A 類安裝-自由入口、自由出口。各項性能額定值包括入口格柵、隔音棉與逆止風門的影響。所示速度(RPM)為公稱速度。性能以實際測試速度為依據。



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