



罡鼎有限公司  
CIRCLE & CYCLE

# CRB

## 離心式屋頂風機

Centrifugal Roof Belt Fan

- 設備均取得 AMCA 聲音與空氣動力性能認證標籤
- 全鋁製後傾葉輪，整體效率提高
- 全鋁製外殼結構，輕量化安裝
- 主動冷卻技術，延長壽命



A : 宜蘭縣三星鄉集賢一路38 號  
T : 03-989-5881  
E : 9895881@gmail.com  
W: www.ccfan.com.tw





Circle & Cycle Ltd. certifies that the CRB series model 300 to 1000 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.

罡鼎有限公司特此證明，此處所示 CRB 系列目錄中型號從 300 到 1000，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。

產品特色  
Product Features

鋁合金後傾式葉輪  
Aluminum Backward Curve Impeller

- 高效區寬廣、不超載  
Wide performance range of high efficiency and non-overloading
- 平衡等級均符合ISO 1940以及AMCA 204標準  
The balancing grade complies to ISO 1940 and AMCA 204

採用國際領先的工藝，更符合流場特性  
Internationally advanced process is adopted for better conformity with characteristics of the flow field

- 氣流通道旋壓成型，取代傳統工藝  
Flow passage components are spin formed, in replacement of the traditional process
- 葉片一次沖壓成型，確保加工品質  
The blade is formed at one time by pressing, having ensured the processing quality
- 專機、模具、工裝設計，確保模型精度  
Special machine, mould and tooling design have ensured the molding and positioning precision

選材精細，適用於消防和沿海場合  
Carefully selected materials applicable to fire-fighting and coastal occasions

- 強度按最高轉速的 200% 選取，完成滿足消防要求  
The strength is designed to be 200% of the highest rotating speed, and may fully satisfy the fire-fighting requirement
- 材質耐中性鹽霧腐蝕，廣泛應用於沿海地區  
The material is resistant to neutral salt spray, and is widely used in the coastal regions
- 嚴謹的實驗驗證，值得信賴  
The rigorous experimental tests win trustworthiness

空氣動力性能設計  
Air Performance Design

- 採用 CFD 流場模擬技術優化設計，並反覆驗證  
Optimized design through CFD flow field simulation and repeated tests
- 葉片安裝角度優化  
Optimized blades mounting angle

全鋁製，重量輕、天然防爆  
Whole aluminum alloy, light weight and inborn explosion-proof

- 金屬質感，提升品味  
Metal texture promotes the taste
- 重量輕，僅有傳統的 1/3  
Light weight accounting for only 1/3 of that of the traditional
- 達到 SPARK A 級防爆最高標準  
Having reached the highest explosion-proof class SPARK A



獨立的馬達空間：超長壽命  
Independent motor chamber: extra long lifetime

- 驅動機構位於獨立的腔體中，與氣流中的污染物不接觸  
Drive located in an independent chamber, contamination contact free
- 適用於空氣中含揮發性機油、油煙、粉塵、有機溶劑等的排風  
Suitable for lubrication grease, kitchen grease, dust and VOC exhaust
- 產品穩定，設計使用壽命十年以上  
Stable performance and lifetime longer than 10 years

專利外觀設計，實用美觀  
Patented in design, practical & artistic

- 外形流暢設計，比例均勻，工藝精細  
Elegant profile design: balanced proportion and sophisticated craftwork
- 銀色金屬質感外殼：容易與各種顏色的建築外牆協調  
Silver white metallic lustre casing: harmonious with different building colors
- 增強建築的現代感，提高品位  
Modernize buildings with enhanced taste

專利主動冷卻技術  
Patented positive cooling technology

- 葉輪附屬葉片吸入驅動腔內空氣造成負壓  
Auxiliary blades suck in air: negative pressure in drive chamber
- 新鮮空氣持續補入驅動腔冷卻電機和軸承  
Fresh cool air continuously pushing in to drive chamber: cool the motor bearing
- 電機和軸承壽命大大延長  
Motor and bearing life extended effectively

廣泛滿足用戶需求  
Widely applied to needs

- 防爆排風，全鋁結構：風機達到 Spark A 的防爆等級  
Explosion prevention exhaust, all aluminum construction: Spark A
- 消防排煙  
Smoke removal application
- 沿海、海島地區鹽霧環境  
Coastal high-salt condensation

無墜落設計，提高室內人員設施安全性  
Blade falling resistant, prevent condensation falling into room

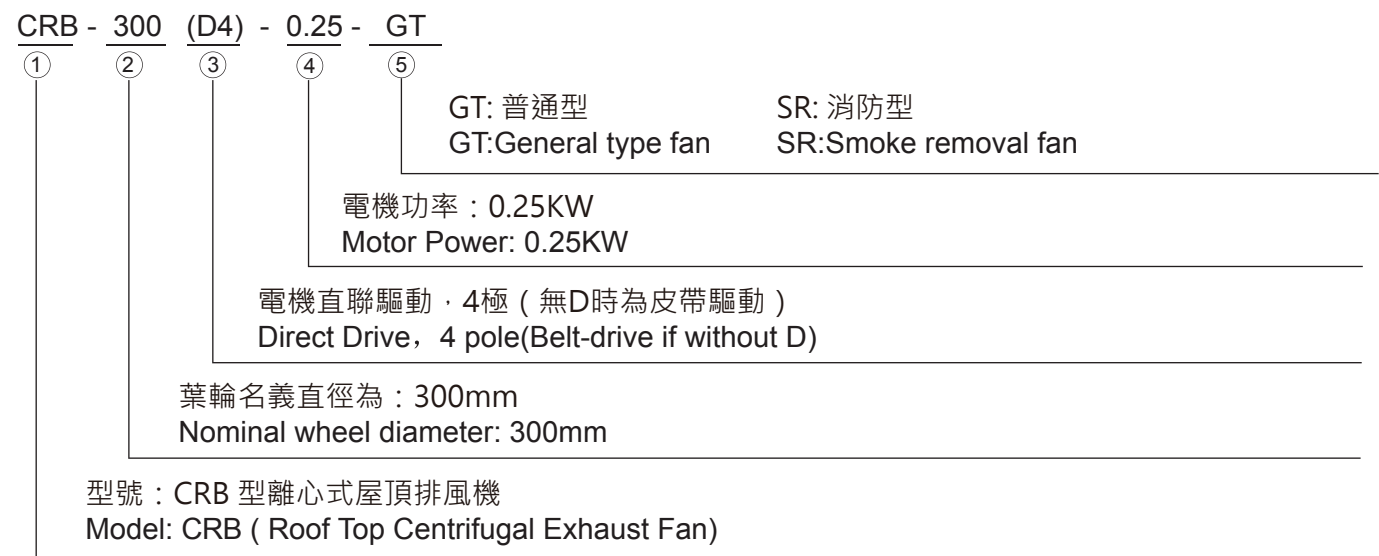
- 即使葉片意外斷裂，殘片不會掉入室內，無需安裝安全網防護  
Even if blades break accidentally, blade pieces shall not fall into inside room without safety guard installation
- 冬季凝露水沿葉片流至風機外，避免滴入室內，適合沿海潮濕地區使用  
Condensation will flow along blade to the outside instead of inside, available in coastal and humid area

重量輕：特別適合於輕鋼結構屋面  
Light: suitable for steel structure roofdeck

- 外殼和葉輪：鋁合金製造  
Housing and wheel: aluminum alloy material
- 有效減輕屋面載荷：降低鋼結構投資  
Effectively reduce roof load: investment on steel structure is saved

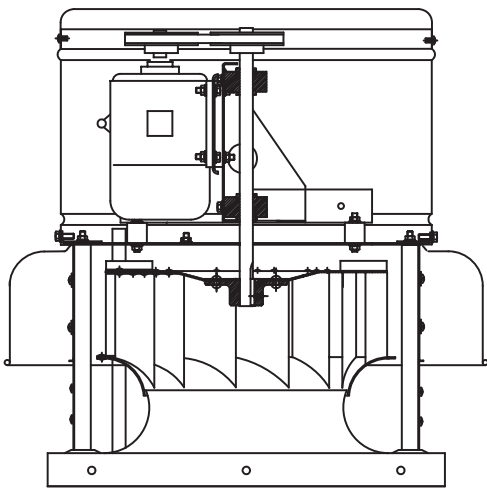


命名規則  
Naming Principle

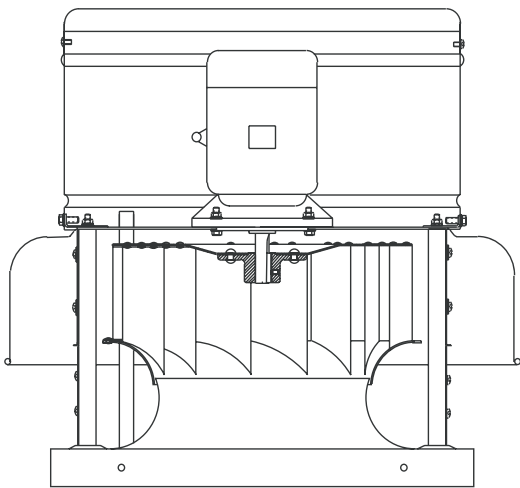


注：普通型與消防型風量風壓相同。Note: General type and smoke removal type have the same volume and pressure.

CRB外形圖  
CRB Outline Drawing



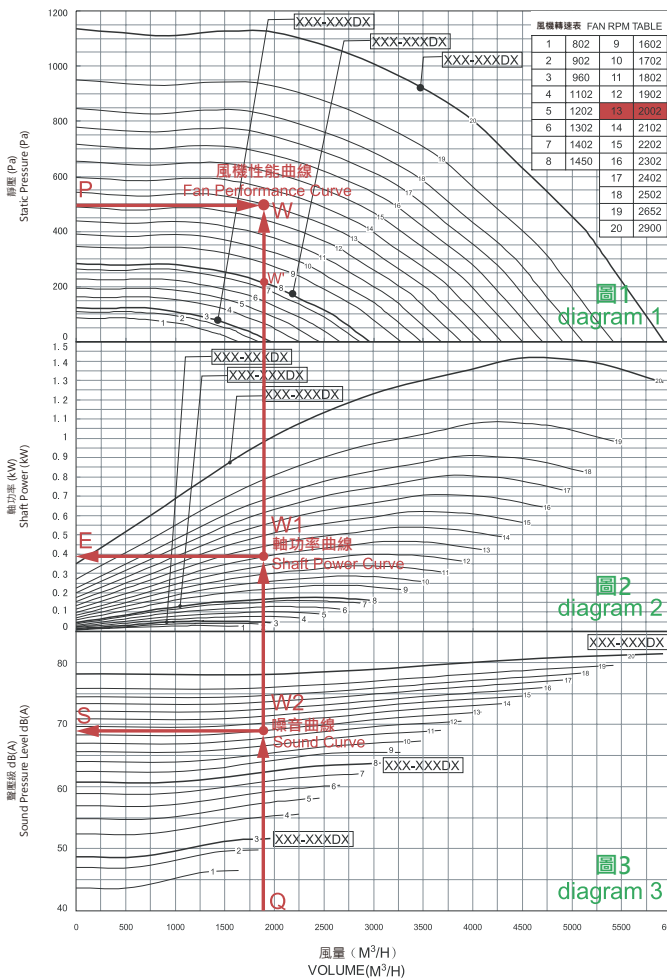
皮帶式 Belt - drive



直結式 Direct - drive

曲線說明  
Curve Introduction

- 每個型號風機由一組曲線表示不同轉速下的性能。
- 粗曲線代表風機為直聯型，即葉輪與馬達直接連接（直聯機型的型號已經在圖中單獨用箭頭標出）。所有直聯型號均應在葉輪直徑後加字母D以及馬達極數。
- 細曲線代表使用皮帶連接，透過選擇兩個皮帶輪不同直徑配比來得到所需轉速，而馬達採用 2、4、6 極的。
- 軸功率曲線顯示風機實際耗用的電能。
- 聲壓級曲線顯示距離風機 1.5 公尺的噪音。
- Fans of each model have performances at different speeds described by curves.
- Curves shown in boldface represent fans of direct drive type which means the wheel is directly driven by the motor (models of these fans are shown in arrows). A letter D and the number of motor poles are added to the wheel diameter of all the direct drive fans.
- Curves shown in lightface represent fans of belt drive type. The required wheel RPM is reached through using two pulleys of different diameter ratios. The motor is of two, four and six poles.
- Shaft Power Curve shows the actual power consumption of fans.
- Sound Pressure Level curve shows the sound level 1.5meters from the fan.



選型舉例：1800m³/h, 500Pa 靜壓

(1) 自給定風量（圖Q點：1800m³/h）出發作垂直線，自給定靜壓（圖P點：500Pa）作水平線，其交點（W）即為「工作點」。尋找離該點最近的性能曲線（應為第 13 號曲線），其對應轉速按照轉速表應為 2002 轉/分。

(2) 該垂直線與圖 2 中相同編號的曲線交點為 W1，從該點作水平線與軸功率曲線座標軸相交，其交點 E（約為 0.39kW）即為實際功耗，代表工作所需的電能。根據該功率，應選擇 0.55kW 電機。

(3) 該垂直線與圖 3 中相同編號的曲線交點為 W2，從該點作水平線與噪音曲線座標軸的交點 S（約為 69dB(A)）即為聲壓級噪音。

(4) 根據上述步驟，該型號初步選定為 CRB-300-0.55，皮帶驅動，出廠轉速設定 2002RPM。如果希望功率或噪音更低，可參考大一檔風機進行比較，但初投資會增加。

(5) 進一步地，如果需求為 1800m³/h、200Pa 靜壓，則容易發現 W' 點距離 8 號加粗曲線（代表直連風機，1450RPM，4 極電機）很接近，則按照箭頭標明的型號為 CRB-300D4 配 0.37kW 電機，其性價比更高。

Example: 1800M³/h, 500Pa Static Pressure

**Step 1:** From given volume (Point Q: 1800M³/h) draw a vertical line upwards, from given static pressure (Point P: 500Pa) draw a horizontal line to the right, the intersection point W is the working point. Find a fan curve close to the point, which would be curve No. 13. As highlighted in the RPM table, it is 2002 RPM.

**Step 2:** The intersection point between the vertical line and the curve No. 13 in diagram 2 is marked as point W1. Draw a horizontal line from point W1 to the left coordinate, which makes point E. The point E (about 0.39kW) is the shaft power. According to the shaft power, a 0.55kW motor shall be equipped.

**Step 3:** The intersection point between the vertical line and the curve No. 13 in diagram 3 is marked as point W2. Draw a horizontal line from point W2 to the left coordinate, which makes point S (about 69dB(A)). It is the fan sound pressure level.

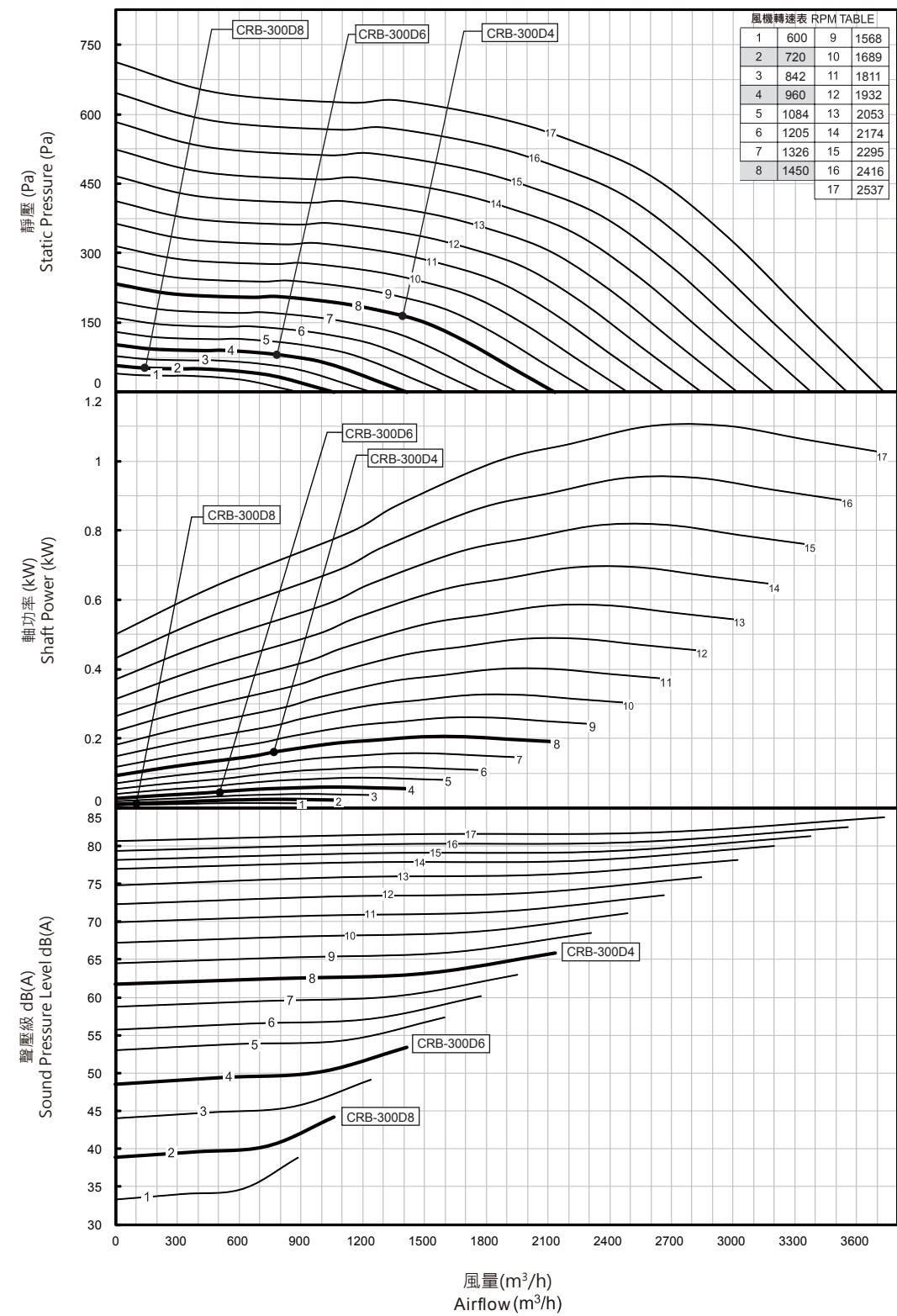
**Step 4:** According to above steps, the primary model selection would be CRB-300-0.55, belt drive, and factory set to 2002RPM. If lower shaft power or noise is expected, you may compare with another larger fan. However a larger fan would increase primary investment.

**Step 5:** Furthermore, if customer needs 1800M³/h at 200Pa static pressure, you would find point W' is close to curve No. 8 (bolded, indicates 1450 RPM 4 pole direct drive). Then a direct drive fan (CRB-300D4-0.37) can be selected which would be more economic.

性能曲線  
Performance Curve

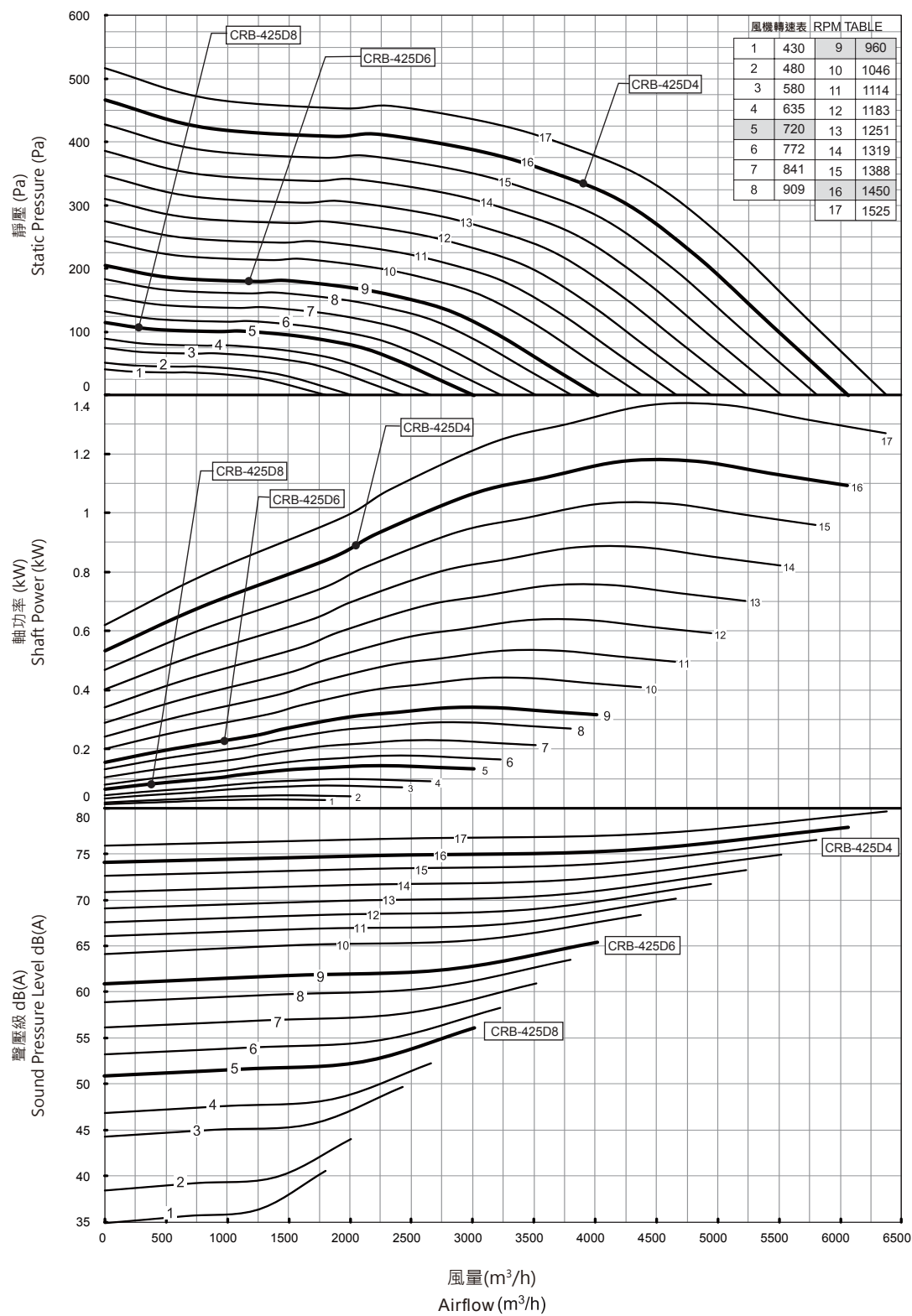
此認證的性能是基於 A 類安裝：  
自由入口，自由出口。額定功率 (kW) 包括傳動損失。各項性能額定值包括防鳥網和泛水的影響。

Model : CRB - 300



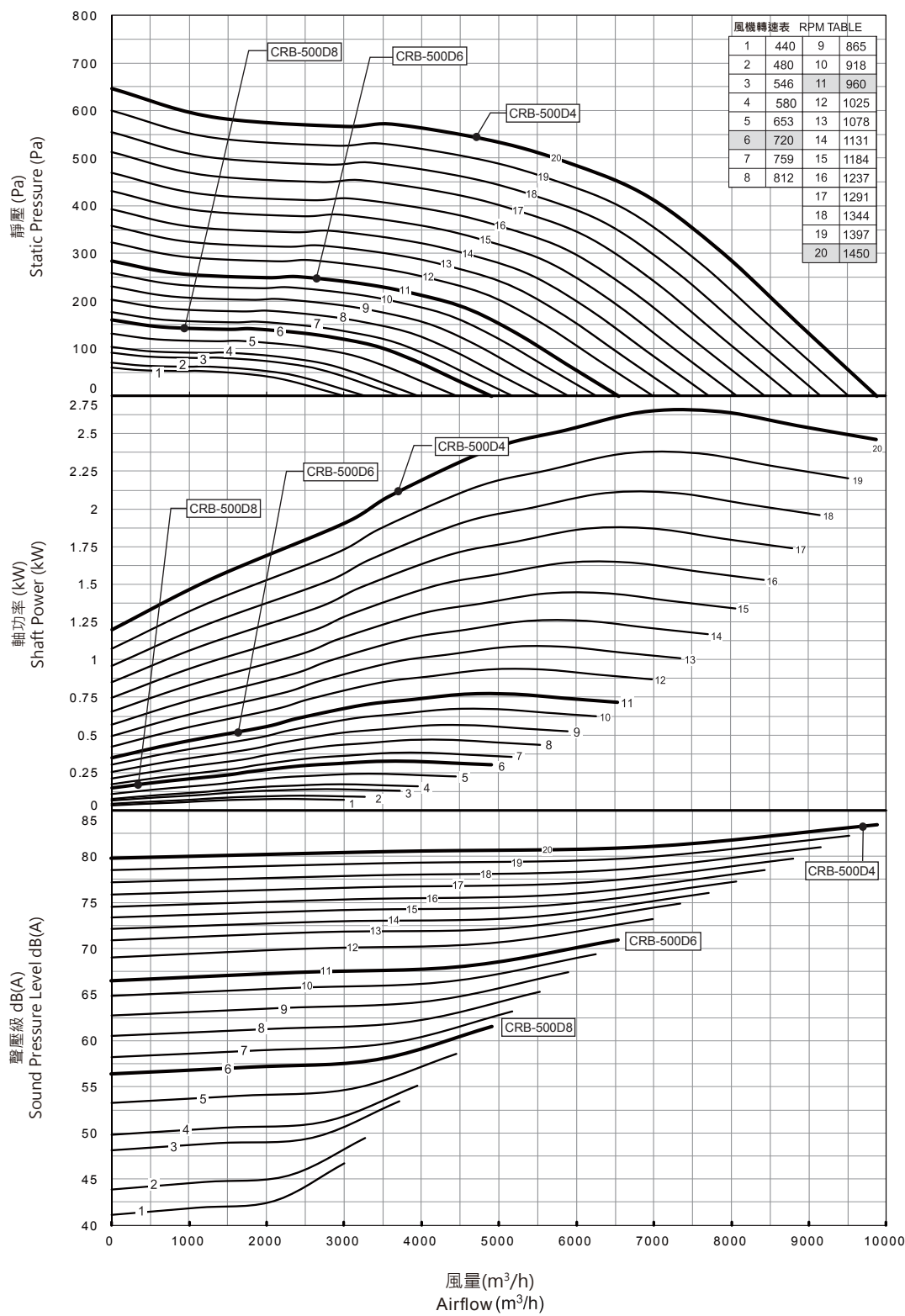
Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

Model : CRB - 425



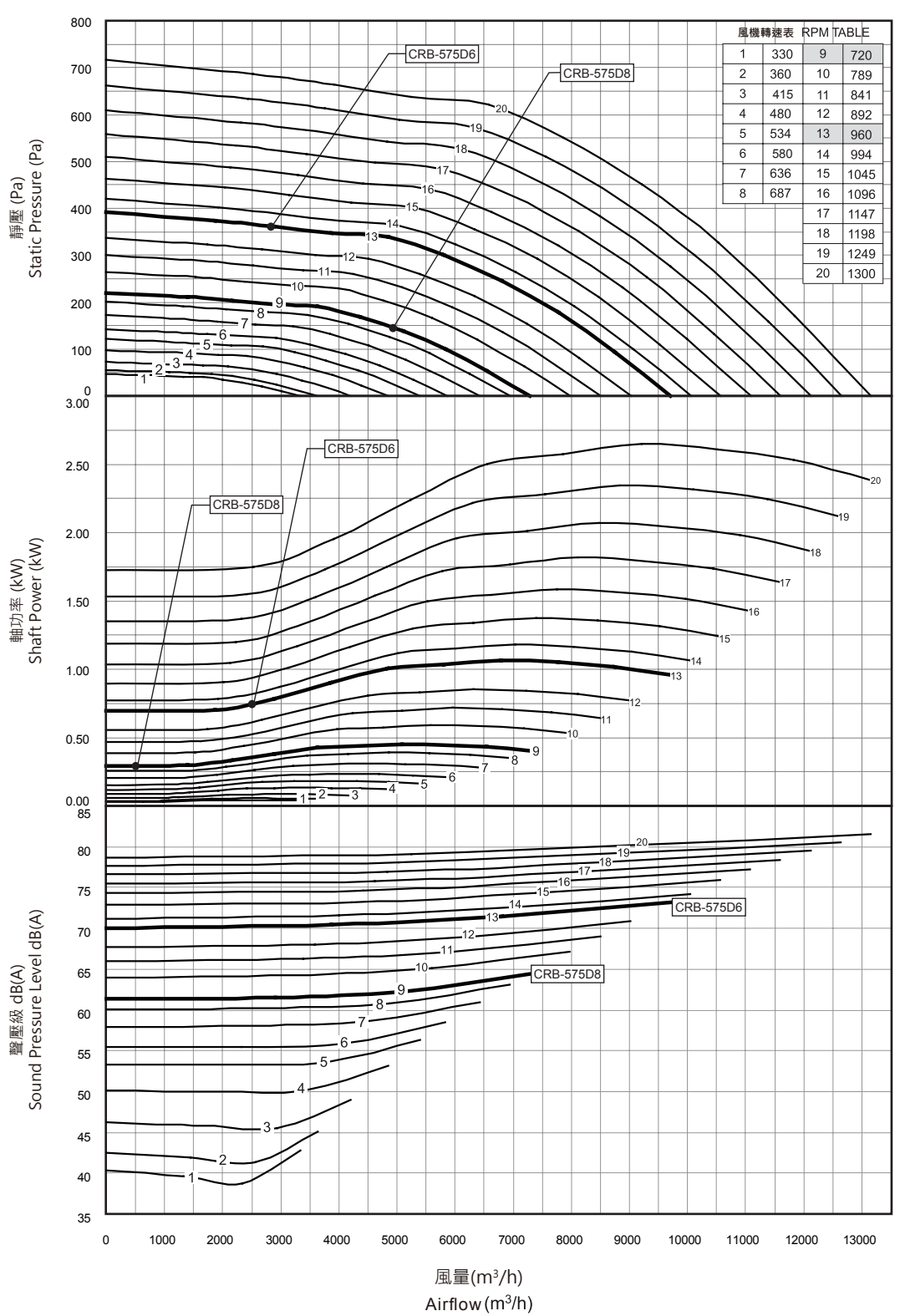
Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

Model : CRB - 500



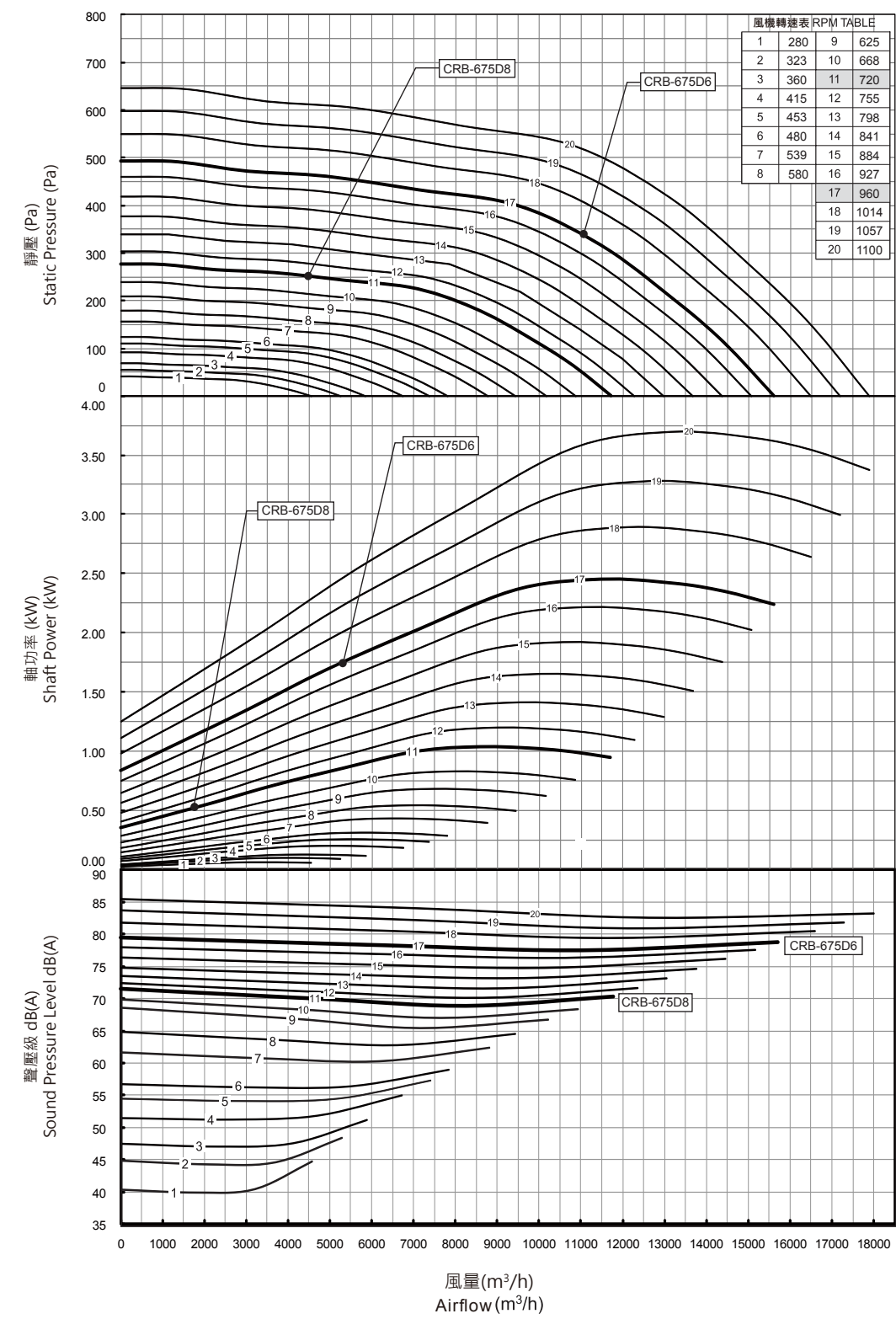
Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

Model : CRB - 575



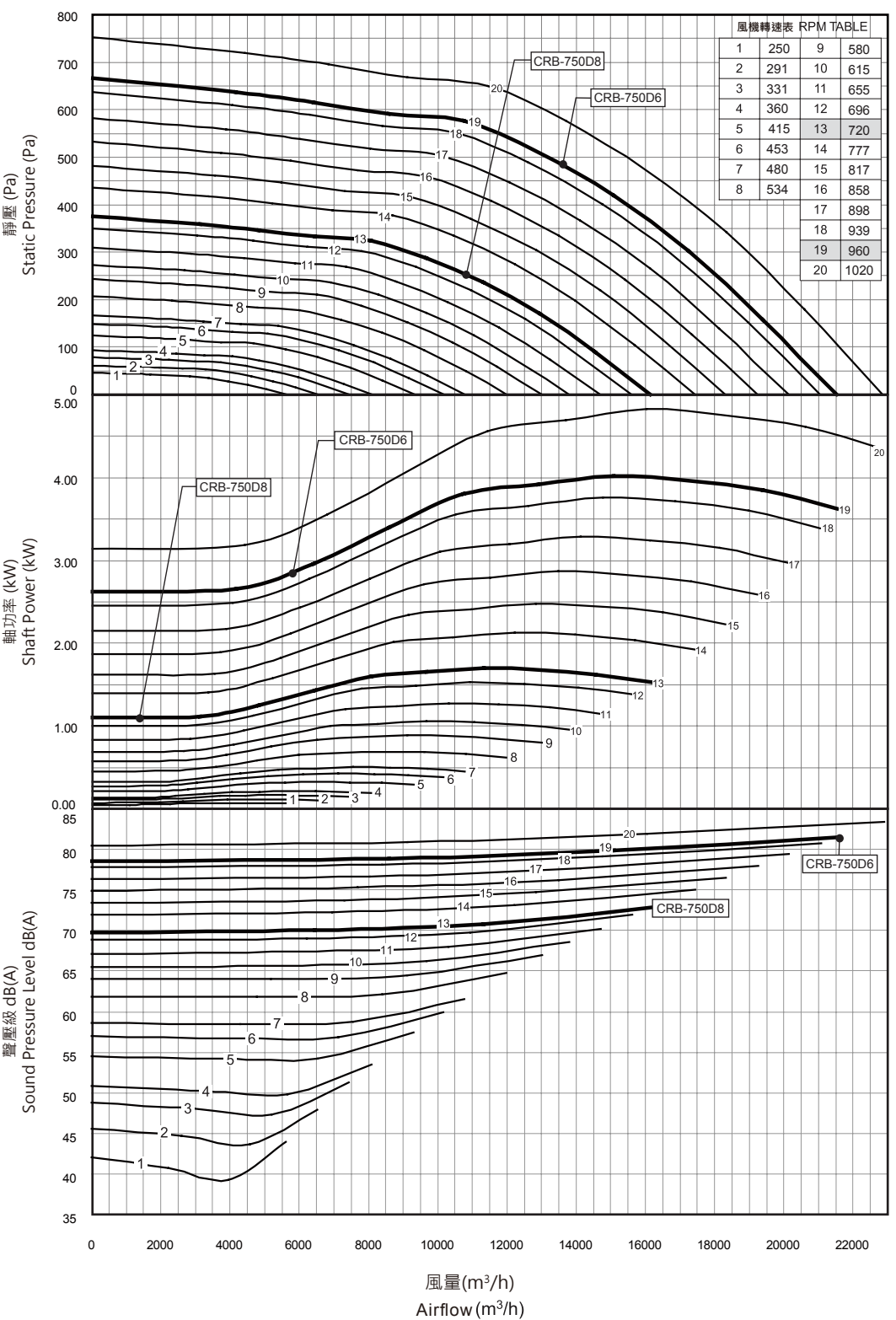
Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

Model : CRB - 675



Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

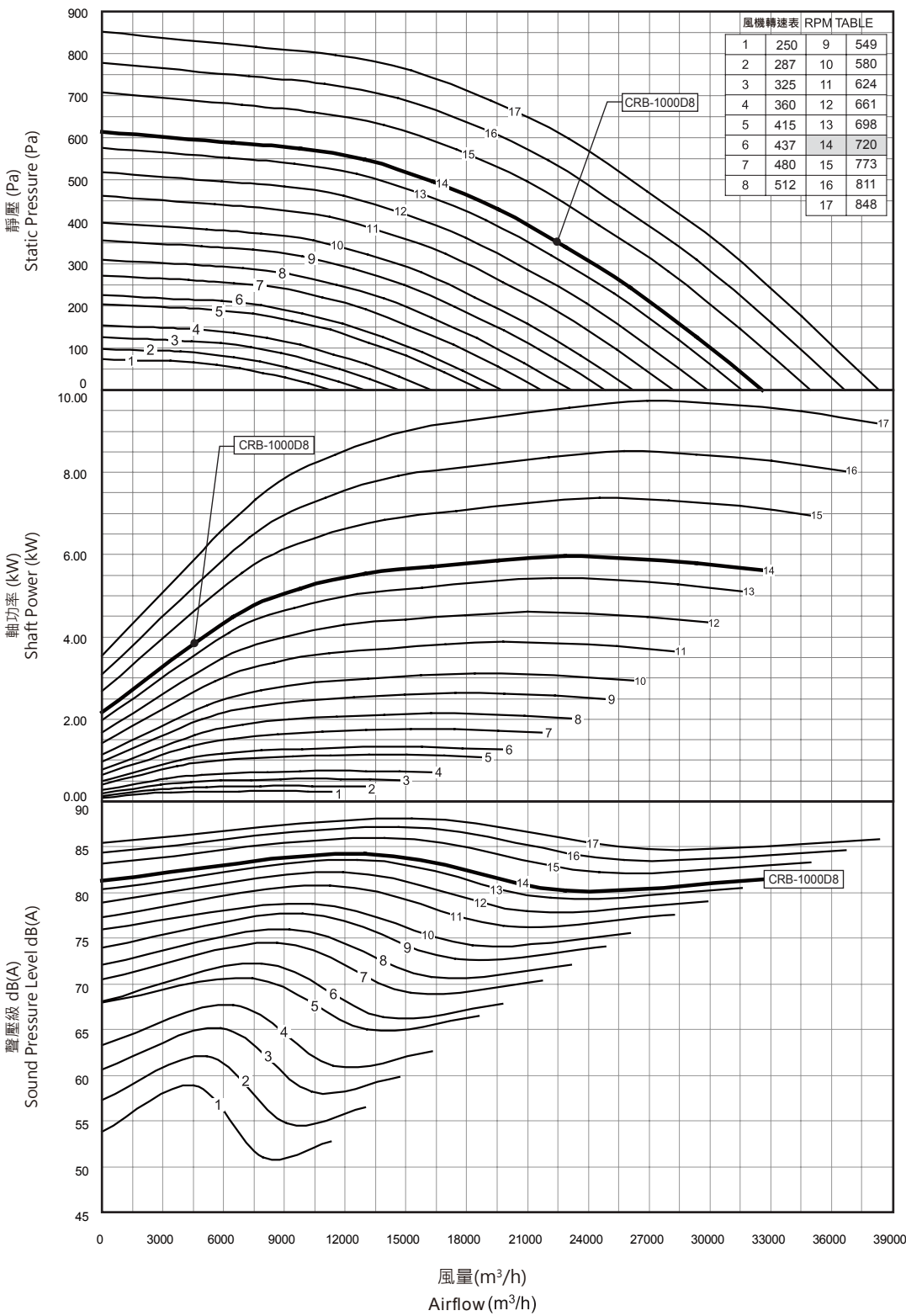
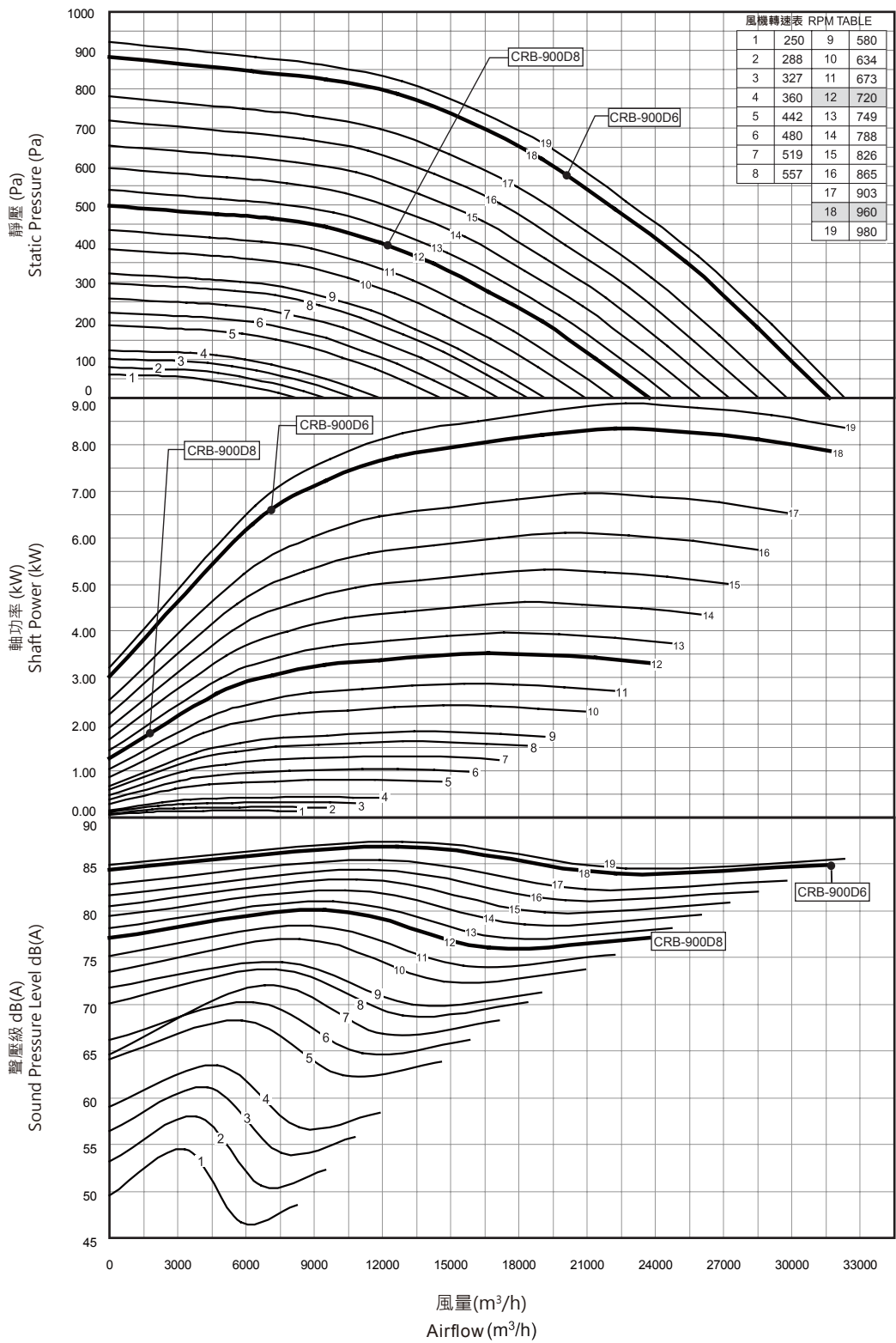
Model : CRB - 750



Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

Model : CRB - 900

Model : CRB - 1000



Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

Performance certified is for installation type A - free inlet, free outlet with partition. Performance ratings do not include the effects of appurtenances (accessories). Power rating (kW) includes transmission losses.

RB-300

| 風機轉速 | 風量<br>m³/h | 聲功率 SOUND POWER   |    |    |    |    |    |    |    | 聲功率  | 聲壓    |
|------|------------|-------------------|----|----|----|----|----|----|----|------|-------|
|      |            | 八度音階 OCTAVE BANDS |    |    |    |    |    |    |    |      |       |
|      |            | 1                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |      |       |
| RPM  | Volume     | 1                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | LWia | dB(A) |
| 600  | 883        | 52                | 55 | 49 | 48 | 47 | 40 | 33 | 26 | 50   | 39    |
|      | 616        | 50                | 53 | 46 | 43 | 41 | 37 | 31 | 25 | 46   | 35    |
|      | 323        | 51                | 53 | 44 | 43 | 41 | 36 | 29 | 23 | 46   | 34    |
|      | 0          | 51                | 52 | 43 | 42 | 40 | 35 | 28 | 20 | 45   | 33    |
| 720  | 1059       | 59                | 59 | 57 | 53 | 51 | 46 | 39 | 32 | 56   | 44    |
|      | 739        | 58                | 57 | 54 | 49 | 46 | 42 | 36 | 30 | 52   | 40    |
|      | 387        | 59                | 57 | 53 | 47 | 46 | 41 | 35 | 29 | 51   | 40    |
|      | 0          | 58                | 57 | 52 | 47 | 45 | 41 | 34 | 26 | 50   | 39    |
| 842  | 1239       | 65                | 63 | 63 | 57 | 56 | 51 | 44 | 37 | 61   | 49    |
|      | 864        | 65                | 61 | 61 | 53 | 51 | 46 | 41 | 35 | 57   | 46    |
|      | 453        | 65                | 61 | 60 | 52 | 50 | 46 | 40 | 34 | 56   | 45    |
|      | 0          | 63                | 61 | 59 | 51 | 49 | 45 | 39 | 31 | 56   | 44    |
| 960  | 1412       | 70                | 66 | 69 | 60 | 59 | 56 | 48 | 41 | 65   | 53    |
|      | 985        | 70                | 64 | 67 | 57 | 54 | 50 | 45 | 39 | 62   | 50    |
|      | 516        | 70                | 65 | 66 | 55 | 54 | 50 | 44 | 38 | 61   | 49    |
|      | 0          | 68                | 65 | 65 | 55 | 53 | 49 | 43 | 36 | 60   | 49    |
| 1084 | 1595       | 74                | 69 | 73 | 64 | 63 | 60 | 52 | 45 | 69   | 57    |
|      | 1112       | 74                | 67 | 71 | 61 | 58 | 54 | 49 | 43 | 66   | 54    |
|      | 583        | 75                | 68 | 71 | 59 | 57 | 54 | 48 | 41 | 65   | 54    |
|      | 0          | 72                | 69 | 70 | 58 | 56 | 53 | 47 | 40 | 65   | 53    |
| 1205 | 1773       | 76                | 73 | 75 | 68 | 65 | 62 | 55 | 48 | 72   | 60    |
|      | 1237       | 76                | 72 | 73 | 66 | 61 | 57 | 52 | 46 | 69   | 57    |
|      | 648        | 77                | 72 | 73 | 64 | 60 | 57 | 51 | 45 | 68   | 57    |
|      | 0          | 74                | 72 | 72 | 63 | 59 | 56 | 50 | 43 | 67   | 56    |
| 1326 | 1951       | 78                | 77 | 77 | 72 | 68 | 65 | 58 | 51 | 75   | 63    |
|      | 1361       | 78                | 76 | 75 | 70 | 64 | 59 | 55 | 49 | 72   | 60    |
|      | 713        | 78                | 76 | 75 | 68 | 63 | 59 | 54 | 48 | 71   | 60    |
|      | 0          | 75                | 76 | 75 | 67 | 62 | 59 | 53 | 46 | 70   | 59    |
| 1450 | 2133       | 79                | 80 | 79 | 76 | 70 | 67 | 61 | 54 | 77   | 66    |
|      | 1488       | 80                | 79 | 77 | 74 | 66 | 62 | 57 | 52 | 75   | 63    |
|      | 780        | 80                | 80 | 78 | 72 | 65 | 62 | 56 | 50 | 74   | 63    |
|      | 0          | 77                | 79 | 77 | 71 | 64 | 61 | 56 | 49 | 73   | 62    |
| 1568 | 2307       | 81                | 83 | 81 | 79 | 72 | 70 | 64 | 56 | 80   | 69    |
|      | 1609       | 81                | 83 | 79 | 77 | 69 | 64 | 59 | 54 | 77   | 66    |
|      | 844        | 81                | 83 | 80 | 76 | 67 | 64 | 59 | 53 | 77   | 65    |
|      | 0          | 78                | 82 | 79 | 75 | 67 | 63 | 58 | 52 | 76   | 65    |
| 1689 | 2485       | 82                | 86 | 83 | 83 | 74 | 72 | 66 | 59 | 83   | 71    |
|      | 1733       | 82                | 86 | 81 | 81 | 71 | 66 | 62 | 56 | 80   | 69    |
|      | 909        | 83                | 86 | 82 | 79 | 69 | 66 | 61 | 55 | 80   | 68    |
|      | 0          | 80                | 84 | 82 | 78 | 69 | 65 | 61 | 54 | 79   | 67    |
| 1811 | 2664       | 83                | 89 | 85 | 86 | 76 | 73 | 69 | 61 | 85   | 74    |
|      | 1858       | 83                | 89 | 83 | 84 | 73 | 68 | 64 | 58 | 83   | 71    |
|      | 974        | 84                | 89 | 83 | 83 | 71 | 68 | 63 | 57 | 82   | 71    |
|      | 0          | 81                | 87 | 84 | 82 | 71 | 67 | 63 | 56 | 81   | 70    |
| 1932 | 2842       | 84                | 91 | 86 | 88 | 78 | 75 | 71 | 63 | 87   | 76    |
|      | 1983       | 85                | 91 | 84 | 86 | 75 | 70 | 65 | 60 | 85   | 74    |
|      | 1039       | 85                | 92 | 85 | 86 | 73 | 70 | 65 | 59 | 85   | 73    |
|      | 0          | 82                | 89 | 86 | 84 | 72 | 69 | 65 | 58 | 84   | 72    |
| 2053 | 3020       | 85                | 94 | 87 | 91 | 80 | 77 | 73 | 65 | 90   | 78    |
|      | 2107       | 86                | 94 | 86 | 89 | 77 | 72 | 67 | 62 | 88   | 76    |
|      | 1105       | 86                | 94 | 87 | 89 | 75 | 72 | 67 | 61 | 87   | 76    |
|      | 0          | 83                | 91 | 87 | 87 | 74 | 71 | 67 | 60 | 86   | 75    |
| 2174 | 3198       | 86                | 95 | 89 | 93 | 82 | 78 | 75 | 67 | 92   | 80    |
|      | 2231       | 87                | 95 | 87 | 91 | 79 | 74 | 69 | 64 | 90   | 78    |
|      | 1170       | 87                | 96 | 88 | 91 | 77 | 73 | 69 | 63 | 89   | 78    |
|      | 0          | 84                | 93 | 89 | 90 | 76 | 72 | 68 | 62 | 88   | 77    |
| 2295 | 3376       | 87                | 96 | 91 | 94 | 84 | 80 | 76 | 69 | 93   | 81    |
|      | 2355       | 88                | 96 | 90 | 92 | 81 | 75 | 70 | 65 | 91   | 79    |
|      | 1235       | 88                | 97 | 91 | 92 | 79 | 75 | 70 | 64 | 91   | 79    |
|      | 0          | 85                | 94 | 91 | 91 | 78 | 74 | 70 | 64 | 90   | 78    |
| 2416 | 3554       | 88                | 97 | 93 | 95 | 86 | 81 | 78 | 70 | 94   | 83    |
|      | 2479       | 88                | 97 | 92 | 93 | 83 | 77 | 72 | 67 | 92   | 81    |
|      | 1300       | 89                | 98 | 93 | 92 | 81 | 76 | 72 | 66 | 92   | 80    |
|      | 0          | 86                | 95 | 93 | 92 | 81 | 75 | 71 | 65 | 91   | 79    |
| 2537 | 3732       | 89                | 98 | 95 | 96 | 88 | 83 | 79 | 72 | 95   | 84    |
|      | 2603       | 89                | 98 | 94 | 94 | 86 | 78 | 73 | 68 | 93   | 82    |
|      | 1365       | 90                | 98 | 95 | 93 | 84 | 77 | 73 | 67 | 93   | 82    |
|      | 0          | 87                | 95 | 95 | 93 | 83 | 76 | 73 | 67 | 92   | 81    |

CRB-425

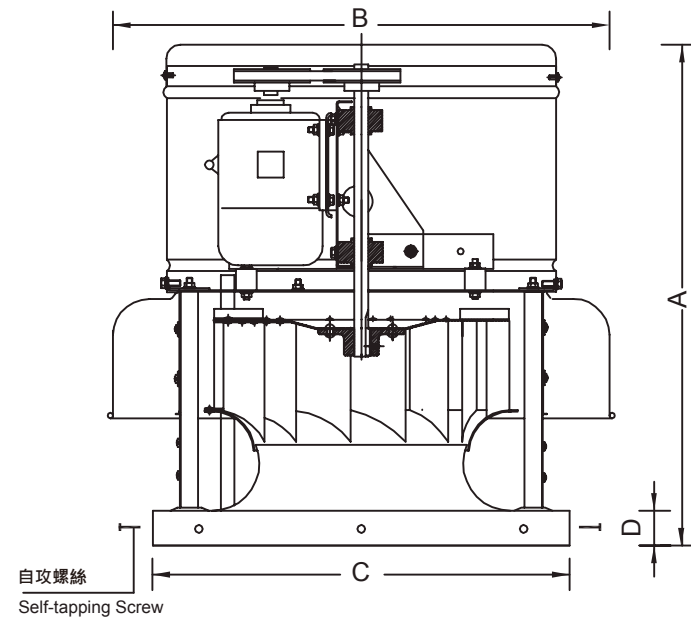
| 風機<br>轉速 | 風量<br>m³/h | 聲功率 SOUND POWER   |    |    |    |    |    |    |    | 聲功率  | 聲壓    |
|----------|------------|-------------------|----|----|----|----|----|----|----|------|-------|
|          |            | 八度音階 OCTAVE BANDS |    |    |    |    |    |    |    |      |       |
|          |            | 1                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |      |       |
| RPM      | Volume     | 1                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | LWia | dB(A) |
| 430      | 1799       | 56                | 57 | 51 | 51 | 47 | 40 | 33 | 26 | 52   | 41    |
|          | 1255       | 54                | 55 | 47 | 46 | 42 | 37 | 31 | 25 | 48   | 36    |
|          | 658        | 54                | 54 | 46 | 45 | 42 | 36 | 30 | 24 | 47   | 36    |
|          | 0          | 55                | 53 | 45 | 45 | 41 | 35 | 27 | 20 | 46   | 35    |
| 480      | 2008       | 58                | 62 | 54 | 54 | 51 | 43 | 36 | 29 | 56   | 44    |
|          | 1400       | 56                | 60 | 51 | 49 | 46 | 41 | 35 | 29 | 51   | 40    |
|          | 734        | 57                | 59 | 49 | 49 | 45 | 39 | 33 | 27 | 51   | 39    |
|          | 0          | 58                | 58 | 48 | 48 | 45 | 39 | 31 | 23 | 50   | 38    |
| 580      | 2426       | 64                | 68 | 60 | 59 | 57 | 49 | 42 | 35 | 61   | 50    |
|          | 1692       | 62                | 66 | 58 | 54 | 51 | 46 | 40 | 34 | 57   | 46    |
|          | 887        | 63                | 65 | 56 | 54 | 51 | 45 | 39 | 33 | 57   | 45    |
|          | 0          | 64                | 65 | 55 | 53 | 50 | 45 | 37 | 30 | 56   | 44    |
| 635      | 2656       | 67                | 69 | 64 | 61 | 59 | 52 | 45 | 38 | 64   | 52    |
|          | 1853       | 66                | 67 | 62 | 57 | 54 | 49 | 43 | 37 | 60   | 48    |
|          | 971        | 67                | 67 | 60 | 56 | 53 | 48 | 42 | 35 | 59   | 48    |
|          | 0          | 67                | 66 | 59 | 55 | 53 | 47 | 40 | 33 | 58   | 47    |
| 720      | 3012       | 72                | 72 | 69 | 65 | 63 | 57 | 49 | 42 | 68   | 56    |
|          | 2101       | 71                | 70 | 67 | 61 | 57 | 53 | 47 | 41 | 64   | 52    |
|          | 1101       | 72                | 70 | 66 | 60 | 57 | 52 | 46 | 39 | 63   | 52    |
|          | 0          | 71                | 70 | 65 | 59 | 56 | 51 | 44 | 37 | 62   | 51    |
| 772      | 3229       | 75                | 74 | 72 | 67 | 64 | 59 | 51 | 44 | 70   | 58    |
|          | 2252       | 74                | 72 | 70 | 63 | 59 | 55 | 49 | 43 | 66   | 55    |
|          | 1181       | 75                | 72 | 69 | 62 | 59 | 54 | 48 | 41 | 65   | 54    |
|          | 0          | 74                | 72 | 68 | 61 | 58 | 53 | 47 | 39 | 65   | 53    |
| 841      | 3518       | 78                | 76 | 76 | 69 | 67 | 62 | 54 | 47 | 73   | 61    |
|          | 2454       | 78                | 74 | 74 | 65 | 62 | 57 | 52 | 46 | 69   | 58    |
|          | 1286       | 78                | 74 | 73 | 64 | 61 | 56 | 50 | 44 | 68   | 57    |
|          | 0          | 77                | 75 | 72 | 63 | 60 | 56 | 49 | 42 | 68   | 56    |
| 909      | 3802       | 81                | 78 | 79 | 71 | 69 | 64 | 57 | 50 | 75   | 64    |
|          | 2652       | 81                | 76 | 77 | 68 | 64 | 59 | 54 | 48 | 72   | 60    |
|          | 1390       | 82                | 77 | 76 | 66 | 64 | 59 | 53 | 47 | 71   | 60    |
|          | 0          | 79                | 77 | 75 | 65 | 63 | 58 | 52 | 44 | 70   | 59    |
| 960      | 4016       | 84                | 79 | 82 | 73 | 70 | 66 | 58 | 51 | 77   | 65    |
|          | 2801       | 84                | 77 | 80 | 69 | 65 | 61 | 56 | 50 | 74   | 62    |
|          | 1468       | 84                | 78 | 79 | 67 | 65 | 60 | 54 | 48 | 73   | 62    |
|          | 0          | 81                | 79 | 78 | 67 | 64 | 60 | 54 | 46 | 72   | 61    |
| 1046     | 4375       | 87                | 81 | 85 | 75 | 73 | 69 | 61 | 54 | 80   | 68    |
|          | 3052       | 87                | 79 | 83 | 72 | 68 | 63 | 58 | 52 | 77   | 66    |
|          | 1600       | 87                | 80 | 83 | 70 | 67 | 63 | 57 | 51 | 77   | 65    |
|          | 0          | 84                | 81 | 82 | 69 | 66 | 63 | 57 | 49 | 76   | 64    |
| 1114     | 4660       | 88                | 83 | 87 | 77 | 74 | 71 | 63 | 56 | 82   | 70    |
|          | 3250       | 88                | 82 | 85 | 74 | 70 | 65 | 60 | 54 | 79   | 67    |
|          | 1704       | 89                | 82 | 85 | 72 | 69 | 65 | 59 | 53 | 78   | 67    |
|          | 0          | 86                | 83 | 84 | 72 | 68 | 64 | 59 | 51 | 78   | 66    |
| 1183     | 4948       | 89                | 86 | 88 | 80 | 76 | 73 | 65 | 58 | 83   | 72    |
|          | 3452       | 90                | 84 | 86 | 77 | 71 | 67 | 62 | 56 | 81   | 69    |
|          | 1810       | 90                | 85 | 86 | 75 | 71 | 67 | 61 | 55 | 80   | 68    |
|          | 0          | 87                | 85 | 85 | 74 | 70 | 66 | 60 | 53 | 79   | 68    |
| 1251     | 5233       | 90                | 88 | 89 | 82 | 77 | 74 | 67 | 60 | 85   | 73    |
|          | 3650       | 90                | 86 | 87 | 80 | 73 | 68 | 63 | 58 | 82   | 71    |
|          | 1914       | 91                | 87 | 87 | 78 | 72 | 68 | 63 | 56 | 81   | 70    |
|          | 0          | 88                | 87 | 86 | 77 | 71 | 68 | 62 | 55 | 81   | 69    |
| 1319     | 5517       | 91                | 90 | 90 | 84 | 79 | 75 | 69 | 61 | 86   | 75    |
|          | 3848       | 91                | 89 | 88 | 82 | 75 | 70 | 65 | 59 | 84   | 72    |
|          | 2018       | 92                | 89 | 88 | 80 | 74 | 70 | 64 | 58 | 83   | 72    |
|          | 0          | 89                | 89 | 87 | 79 | 73 | 69 | 64 | 57 | 82   | 71    |
| 1388     | 5806       | 92                | 92 | 91 | 87 | 80 | 77 | 70 | 63 | 88   | 77    |
|          | 4050       | 92                | 91 | 89 | 84 | 76 | 71 | 66 | 61 | 85   | 74    |
|          | 2123       | 93                | 91 | 89 | 83 | 75 | 71 | 66 | 60 | 85   | 73    |
|          | 0          | 90                | 91 | 89 | 82 | 74 | 71 | 65 | 58 | 84   | 73    |
| 1450     | 6065       | 93                | 93 | 92 | 88 | 81 | 78 | 72 | 64 | 89   | 78    |
|          | 4231       | 93                | 93 | 90 | 86 | 77 | 73 | 68 | 62 | 87   | 75    |
|          | 2218       | 93                | 93 | 90 | 85 | 76 | 72 | 67 | 61 | 86   | 75    |
|          | 0          | 90                | 92 | 90 | 84 | 76 | 72 | 67 | 60 | 86   | 74    |
| 1525     | 6379       | 94                | 95 | 93 | 91 | 83 | 79 | 74 | 66 | 91   | 80    |
|          | 4449       | 94                | 95 | 92 | 88 | 79 | 74 | 69 | 64 | 89   | 77    |
|          | 2333       | 94                | 95 | 92 | 87 | 78 | 74 | 69 | 62 | 88   | 77    |
|          | 0          | 91                | 94 | 92 | 86 | 77 | 73 | 68 | 61 | 87   | 76    |

| CRB-675     |            |                 |     |     |    |              |    |    |    |             |             |
|-------------|------------|-----------------|-----|-----|----|--------------|----|----|----|-------------|-------------|
| 風機轉速<br>RPM | 風量<br>m³/h | 聲功率 SOUND POWER |     |     |    |              |    |    |    | 聲功率<br>LWIA | 聲壓<br>dB(A) |
|             |            | 八度音階            |     |     |    | OCTAVE BANDS |    |    |    |             |             |
|             | VOLUME     | 1               | 2   | 3   | 4  | 5            | 6  | 7  | 8  |             |             |
| 280         | 4580       | 66              | 59  | 55  | 52 | 50           | 49 | 46 | 43 | 56          | 45          |
|             | 3210       | 66              | 57  | 54  | 49 | 46           | 42 | 36 | 29 | 52          | 40          |
|             | 1826       | 68              | 56  | 52  | 48 | 45           | 42 | 38 | 34 | 51          | 40          |
|             | 0          | 70              | 56  | 50  | 48 | 44           | 42 | 41 | 39 | 52          | 40          |
| 323         | 5284       | 71              | 63  | 58  | 56 | 53           | 53 | 50 | 47 | 60          | 48          |
|             | 3703       | 71              | 62  | 58  | 53 | 49           | 47 | 40 | 33 | 56          | 45          |
|             | 2106       | 74              | 61  | 56  | 52 | 48           | 46 | 42 | 38 | 56          | 44          |
|             | 0          | 77              | 61  | 54  | 52 | 48           | 46 | 44 | 43 | 56          | 45          |
| 360         | 5889       | 72              | 67  | 61  | 59 | 55           | 56 | 53 | 50 | 63          | 51          |
|             | 4127       | 73              | 65  | 61  | 56 | 52           | 50 | 44 | 37 | 59          | 48          |
|             | 2347       | 76              | 65  | 59  | 55 | 51           | 49 | 45 | 41 | 59          | 47          |
|             | 0          | 79              | 65  | 57  | 55 | 50           | 49 | 47 | 45 | 59          | 47          |
| 415         | 6723       | 74              | 73  | 66  | 63 | 59           | 59 | 57 | 54 | 66          | 55          |
|             | 4712       | 74              | 71  | 65  | 61 | 56           | 54 | 48 | 41 | 63          | 52          |
|             | 2680       | 77              | 72  | 64  | 59 | 55           | 52 | 48 | 44 | 63          | 51          |
|             | 0          | 79              | 73  | 62  | 59 | 54           | 52 | 50 | 48 | 63          | 51          |
| 453         | 7410       | 76              | 76  | 69  | 65 | 61           | 61 | 59 | 56 | 69          | 57          |
|             | 5193       | 75              | 75  | 68  | 63 | 58           | 56 | 51 | 44 | 66          | 55          |
|             | 2953       | 78              | 76  | 66  | 62 | 57           | 54 | 51 | 47 | 66          | 54          |
|             | 0          | 81              | 78  | 65  | 61 | 57           | 54 | 52 | 51 | 66          | 55          |
| 480         | 7852       | 76              | 78  | 71  | 67 | 63           | 62 | 60 | 57 | 70          | 59          |
|             | 5503       | 75              | 78  | 70  | 65 | 60           | 57 | 53 | 46 | 68          | 56          |
|             | 3129       | 78              | 79  | 68  | 63 | 59           | 56 | 53 | 49 | 68          | 56          |
|             | 0          | 81              | 81  | 68  | 62 | 58           | 56 | 54 | 52 | 68          | 57          |
| 539         | 8817       | 78              | 83  | 75  | 69 | 66           | 64 | 63 | 60 | 74          | 62          |
|             | 6179       | 76              | 83  | 73  | 68 | 63           | 60 | 56 | 50 | 72          | 60          |
|             | 3514       | 79              | 85  | 72  | 66 | 62           | 59 | 56 | 52 | 72          | 61          |
|             | 0          | 82              | 87  | 72  | 65 | 62           | 59 | 57 | 55 | 73          | 62          |
| 580         | 9422       | 79              | 86  | 77  | 71 | 68           | 66 | 65 | 62 | 76          | 64          |
|             | 6604       | 77              | 86  | 76  | 70 | 65           | 62 | 59 | 52 | 74          | 63          |
|             | 3755       | 79              | 89  | 75  | 69 | 64           | 61 | 58 | 54 | 75          | 64          |
|             | 0          | 82              | 90  | 75  | 67 | 64           | 60 | 58 | 56 | 76          | 65          |
| 625         | 10224      | 80              | 89  | 80  | 73 | 70           | 67 | 67 | 64 | 78          | 67          |
|             | 7165       | 77              | 89  | 78  | 73 | 67           | 63 | 61 | 54 | 77          | 65          |
|             | 4075       | 80              | 92  | 78  | 70 | 66           | 62 | 60 | 56 | 78          | 67          |
|             | 0          | 83              | 95  | 77  | 69 | 66           | 62 | 60 | 59 | 80          | 69          |
| 668         | 10927      | 81              | 90  | 82  | 75 | 72           | 69 | 69 | 66 | 80          | 68          |
|             | 7658       | 78              | 91  | 80  | 75 | 69           | 65 | 63 | 56 | 79          | 67          |
|             | 4355       | 80              | 94  | 80  | 72 | 68           | 64 | 62 | 58 | 80          | 68          |
|             | 0          | 84              | 96  | 80  | 71 | 68           | 64 | 62 | 60 | 81          | 70          |
| 720         | 11778      | 82              | 91  | 85  | 77 | 74           | 70 | 71 | 68 | 82          | 70          |
|             | 8255       | 78              | 92  | 83  | 77 | 71           | 67 | 65 | 59 | 80          | 69          |
|             | 4694       | 81              | 95  | 82  | 74 | 70           | 66 | 64 | 60 | 81          | 70          |
|             | 0          | 84              | 97  | 83  | 73 | 70           | 66 | 64 | 62 | 83          | 71          |
| 755         | 12350      | 83              | 92  | 86  | 78 | 75           | 71 | 72 | 69 | 83          | 72          |
|             | 8656       | 79              | 92  | 85  | 78 | 72           | 68 | 66 | 60 | 82          | 70          |
|             | 4922       | 82              | 95  | 85  | 76 | 71           | 67 | 65 | 61 | 82          | 71          |
|             | 0          | 85              | 98  | 85  | 74 | 71           | 67 | 65 | 63 | 84          | 72          |
| 798         | 13054      | 84              | 92  | 89  | 80 | 77           | 73 | 73 | 71 | 85          | 73          |
|             | 9149       | 80              | 93  | 87  | 80 | 74           | 70 | 68 | 62 | 83          | 72          |
|             | 5203       | 83              | 96  | 87  | 78 | 73           | 69 | 66 | 63 | 84          | 72          |
|             | 0          | 86              | 98  | 88  | 76 | 72           | 68 | 66 | 64 | 85          | 73          |
| 841         | 13757      | 85              | 93  | 91  | 82 | 78           | 74 | 74 | 72 | 86          | 75          |
|             | 9642       | 81              | 93  | 89  | 82 | 75           | 71 | 69 | 63 | 85          | 73          |
|             | 5483       | 84              | 96  | 90  | 80 | 74           | 70 | 68 | 64 | 85          | 74          |
|             | 0          | 87              | 98  | 91  | 78 | 74           | 70 | 67 | 66 | 86          | 75          |
| 884         | 14461      | 86              | 94  | 92  | 84 | 79           | 76 | 75 | 73 | 88          | 76          |
|             | 10135      | 82              | 93  | 92  | 83 | 77           | 73 | 70 | 65 | 86          | 75          |
|             | 5763       | 84              | 96  | 93  | 81 | 76           | 72 | 69 | 66 | 87          | 75          |
|             | 0          | 87              | 99  | 94  | 80 | 75           | 71 | 69 | 67 | 88          | 76          |
| 927         | 15164      | 86              | 95  | 94  | 85 | 80           | 77 | 76 | 75 | 89          | 78          |
|             | 10628      | 83              | 94  | 94  | 85 | 78           | 74 | 71 | 67 | 88          | 76          |
|             | 6044       | 85              | 97  | 95  | 83 | 77           | 73 | 70 | 67 | 88          | 77          |
|             | 0          | 88              | 99  | 96  | 82 | 76           | 73 | 70 | 68 | 90          | 78          |
| 960         | 15704      | 87              | 95  | 96  | 86 | 81           | 78 | 77 | 76 | 90          | 79          |
|             | 11006      | 83              | 94  | 95  | 86 | 79           | 75 | 72 | 68 | 89          | 77          |
|             | 6259       | 86              | 97  | 97  | 84 | 78           | 74 | 71 | 68 | 90          | 78          |
|             | 0          | 89              | 100 | 98  | 83 | 77           | 74 | 71 | 69 | 91          | 79          |
| 1014        | 16587      | 88              | 96  | 98  | 88 | 83           | 80 | 78 | 77 | 92          | 80          |
|             | 11625      | 84              | 94  | 98  | 87 | 81           | 76 | 73 | 69 | 91          | 79          |
|             | 6611       | 87              | 97  | 99  | 86 | 79           | 75 | 72 | 69 | 92          | 80          |
|             | 0          | 90              | 100 | 101 | 85 | 78           | 75 | 72 | 70 | 93          | 82          |
| 1057        | 17291      | 89              | 96  | 99  | 90 | 84           | 81 | 79 | 78 | 93          | 82          |
|             | 12118      | 85              | 95  | 99  | 89 | 82           | 78 | 74 | 71 | 92          | 81          |
|             | 6891       | 88              | 97  | 101 | 88 | 80           | 77 | 73 | 70 | 94          | 82          |
|             | 0          | 91              | 100 | 103 | 87 | 79           | 76 | 73 | 71 | 95          | 84          |
| 1100        | 17994      | 89              | 97  | 101 | 91 | 85           | 82 | 80 | 79 | 95          | 83          |
|             | 12611      | 86              | 95  | 101 | 90 | 83           | 79 | 75 | 72 | 94          | 82          |
|             | 7172       | 88              | 98  | 103 | 89 | 82           | 78 | 74 | 72 | 95          | 84          |
|             | 0          | 91              | 101 | 105 | 88 | 80           | 77 | 74 | 72 | 97          | 86          |

| CRB-750     |            |                   |    |    |    |    |    |    |    |             |             |
|-------------|------------|-------------------|----|----|----|----|----|----|----|-------------|-------------|
| 風機轉速<br>RPM | 風量<br>m³/h | 聲功率 SOUND POWER   |    |    |    |    |    |    |    | 聲功率<br>LWIA | 聲壓<br>dB(A) |
|             |            | 八度音階 OCTAVE BANDS |    |    |    |    |    |    |    |             |             |
|             | VOLUME     | 1                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |             |             |
| 250         | 5610       | 61                | 61 | 52 | 52 | 48 | 47 | 46 | 45 | 55          | 44          |
|             | 3932       | 62                | 58 | 49 | 48 | 45 | 41 | 37 | 33 | 51          | 39          |
|             | 2236       | 60                | 58 | 48 | 48 | 45 | 44 | 43 | 42 | 52          | 41          |
|             | 0          | 59                | 58 | 48 | 48 | 45 | 46 | 46 | 46 | 54          | 42          |
| 291         | 6530       | 64                | 66 | 57 | 56 | 52 | 51 | 50 | 49 | 59          | 48          |
|             | 4576       | 66                | 64 | 54 | 52 | 49 | 45 | 41 | 37 | 55          | 44          |
|             | 2603       | 63                | 64 | 53 | 52 | 49 | 48 | 47 | 46 | 56          | 45          |
|             | 0          | 62                | 63 | 53 | 52 | 49 | 49 | 49 | 49 | 57          | 46          |
| 331         | 7427       | 67                | 70 | 62 | 59 | 56 | 54 | 53 | 52 | 63          | 51          |
|             | 5205       | 68                | 68 | 59 | 55 | 52 | 49 | 45 | 41 | 59          | 47          |
|             | 2960       | 65                | 67 | 59 | 55 | 52 | 51 | 50 | 49 | 60          | 48          |
|             | 0          | 64                | 67 | 58 | 54 | 52 | 52 | 52 | 52 | 60          | 49          |
| 360         | 8078       | 68                | 72 | 66 | 61 | 58 | 56 | 55 | 54 | 65          | 53          |
|             | 5662       | 69                | 71 | 62 | 57 | 54 | 51 | 47 | 43 | 61          | 50          |
|             | 3220       | 67                | 69 | 62 | 57 | 54 | 53 | 52 | 51 | 62          | 50          |
|             | 0          | 66                | 69 | 62 | 56 | 54 | 53 | 54 | 54 | 62          | 51          |
| 415         | 9312       | 71                | 75 | 71 | 64 | 62 | 59 | 58 | 57 | 69          | 57          |
|             | 6526       | 70                | 75 | 68 | 60 | 58 | 55 | 51 | 47 | 66          | 54          |
|             | 3712       | 69                | 73 | 68 | 60 | 58 | 56 | 55 | 54 | 66          | 54          |
|             | 0          | 69                | 73 | 68 | 60 | 58 | 56 | 57 | 57 | 66          | 55          |
| 453         | 10165      | 73                | 77 | 75 | 66 | 64 | 61 | 60 | 59 | 71          | 60          |
|             | 7124       | 71                | 78 | 72 | 63 | 60 | 57 | 53 | 49 | 68          | 57          |
|             | 4051       | 71                | 76 | 71 | 62 | 60 | 58 | 57 | 56 | 68          | 57          |
|             | 0          | 71                | 75 | 71 | 62 | 60 | 58 | 59 | 59 | 68          | 57          |
| 480         | 10771      | 74                | 79 | 77 | 67 | 66 | 62 | 61 | 60 | 73          | 62          |
|             | 7549       | 72                | 80 | 74 | 64 | 62 | 59 | 55 | 51 | 70          | 59          |
|             | 4293       | 72                | 77 | 74 | 63 | 62 | 59 | 58 | 57 | 70          | 58          |
|             | 0          | 72                | 76 | 74 | 63 | 62 | 60 | 60 | 60 | 70          | 59          |
| 534         | 11983      | 76                | 81 | 81 | 70 | 69 | 65 | 64 | 63 | 76          | 65          |
|             | 8398       | 73                | 83 | 78 | 67 | 65 | 62 | 58 | 54 | 74          | 62          |
|             | 4776       | 73                | 80 | 78 | 66 | 65 | 62 | 61 | 60 | 73          | 62          |
|             | 0          | 74                | 79 | 78 | 65 | 65 | 62 | 62 | 62 | 73          | 62          |
| 580         | 13015      | 78                | 83 | 83 | 73 | 71 | 67 | 66 | 65 | 78          | 67          |
|             | 9121       | 74                | 85 | 81 | 70 | 67 | 64 | 60 | 56 | 76          | 65          |
|             | 5187       | 76                | 82 | 80 | 69 | 67 | 64 | 63 | 62 | 76          | 64          |
|             | 0          | 76                | 81 | 80 | 69 | 67 | 64 | 64 | 64 | 75          | 64          |
| 615         | 13800      | 80                | 84 | 85 | 75 | 72 | 69 | 67 | 66 | 80          | 69          |
|             | 9672       | 76                | 86 | 83 | 72 | 68 | 65 | 62 | 58 | 78          | 66          |
|             | 5500       | 78                | 83 | 82 | 71 | 68 | 65 | 64 | 63 | 77          | 66          |
|             | 0          | 78                | 82 | 82 | 71 | 68 | 65 | 65 | 65 | 77          | 65          |
| 655         | 14698      | 82                | 85 | 86 | 78 | 73 | 70 | 69 | 68 | 82          | 70          |
|             | 10301      | 78                | 87 | 85 | 75 | 70 | 67 | 63 | 59 | 79          | 68          |
|             | 5858       | 80                | 84 | 84 | 74 | 69 | 67 | 66 | 65 | 79          | 67          |
|             | 0          | 80                | 83 | 83 | 74 | 69 | 67 | 66 | 67 | 79          | 67          |
| 696         | 15618      | 83                | 86 | 88 | 80 | 75 | 72 | 70 | 69 | 83          | 72          |
|             | 10946      | 79                | 87 | 87 | 77 | 71 | 69 | 65 | 61 | 81          | 70          |
|             | 6225       | 81                | 85 | 86 | 76 | 71 | 69 | 67 | 66 | 81          | 69          |
|             | 0          | 82                | 84 | 85 | 76 | 71 | 69 | 68 | 68 | 80          | 69          |
| 720         | 16156      | 84                | 87 | 89 | 81 | 76 | 73 | 71 | 70 | 84          | 73          |
|             | 11323      | 80                | 88 | 88 | 78 | 72 | 70 | 66 | 62 | 82          | 71          |
|             | 6439       | 83                | 86 | 86 | 78 | 72 | 70 | 68 | 67 | 82          | 70          |
|             | 0          | 83                | 85 | 86 | 78 | 72 | 70 | 69 | 69 | 81          | 70          |
| 777         | 17435      | 86                | 89 | 91 | 84 | 77 | 75 | 73 | 72 | 87          | 75          |
|             | 12219      | 82                | 88 | 90 | 81 | 74 | 72 | 68 | 64 | 85          | 73          |
|             | 6949       | 85                | 87 | 89 | 81 | 73 | 72 | 70 | 69 | 84          | 72          |
|             | 0          | 86                | 86 | 88 | 81 | 73 | 72 | 70 | 70 | 83          | 72          |
| 817         | 18333      | 88                | 90 | 92 | 86 | 79 | 76 | 74 | 73 | 88          | 77          |
|             | 12849      | 84                | 89 | 92 | 83 | 75 | 73 | 69 | 66 | 86          | 75          |
|             | 7307       | 86                | 88 | 90 | 83 | 75 | 73 | 71 | 70 | 85          | 74          |
|             | 0          | 88                | 87 | 89 | 83 | 74 | 73 | 71 | 71 | 85          | 73          |
| 858         | 19253      | 89                | 91 | 93 | 88 | 80 | 78 | 75 | 74 | 90          | 78          |
|             | 12493      | 85                | 89 | 93 | 85 | 76 | 74 | 71 | 67 | 88          | 76          |
|             | 7673       | 88                | 89 | 91 | 85 | 76 | 74 | 72 | 71 | 87          | 75          |
|             | 0          | 89                | 88 | 91 | 85 | 76 | 74 | 72 | 73 | 86          | 75          |
| 898         | 20150      | 90                | 92 | 94 | 90 | 81 | 79 | 76 | 75 | 91          | 79          |
|             | 14122      | 86                | 90 | 95 | 87 | 78 | 75 | 72 | 68 | 89          | 78          |
|             | 8031       | 89                | 89 | 93 | 87 | 77 | 75 | 73 | 72 | 88          | 77          |
|             | 0          | 91                | 89 | 92 | 87 | 77 | 75 | 73 | 74 | 88          | 76          |
| 939         | 21071      | 91                | 93 | 95 | 92 | 82 | 80 | 77 | 76 | 92          | 81          |
|             | 14767      | 87                | 90 | 96 | 89 | 79 | 76 | 73 | 69 | 91          | 79          |
|             | 8398       | 91                | 90 | 94 | 89 | 78 | 77 | 74 | 73 | 90          | 78          |
|             | 0          | 92                | 90 | 93 | 89 | 78 | 77 | 74 | 74 | 89          | 78          |
| 960         | 21542      | 92                | 93 | 96 | 93 | 82 | 81 | 77 | 76 | 93          | 81          |
|             | 15097      | 88                | 90 | 97 | 90 | 79 | 77 | 74 | 70 | 91          | 80          |
|             | 8586       | 91                | 90 | 94 | 90 | 78 | 77 | 74 | 73 | 90          | 79          |
|             | 0          | 93                | 91 | 93 | 90 | 78 | 77 | 75 | 75 | 90          | 78          |
| 1020        | 22888      | 94                | 94 | 97 | 95 | 84 | 83 | 79 | 78 | 95          | 83          |
|             | 16041      | 90                | 91 | 99 | 92 | 81 | 79 | 76 | 72 | 93          | 82          |
|             | 9122       | 93                | 91 | 96 | 92 | 80 | 79 | 76 | 75 | 92          | 81          |
|             | 0          | 95                | 92 | 95 | 92 | 79 | 79 | 76 | 76 | 92          | 80          |

## 尺寸及重量

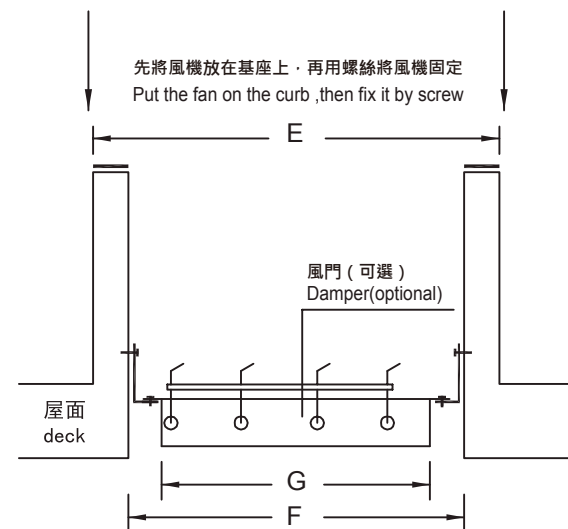
### Fan size and weight



1. 屋頂基座高度 H 一般由設計工程師提供。廠家建議為 300mm - 500mm，依據當地的降水量而定。
2. 屋頂風機所用的避振墊及安裝逆止風門所需的角鐵一般由施工方現場配置
3. 避振墊厚度根據風機的重量選定，要求能夠承受風機的重量而不發生變形，一般厚度在 5-8mm。

## Installation instruction

1. The roof curb height shall be defined by design engineer. We suggest the height shall be 300mm-500mm according to local rainfall.
2. Isolation pads, steel angels and screws for roof fans in this drawing are not included
3. The rubber isolation pads should be chosen according to the maximum weight of the fan they can bear without any deformation. Typically, the thickness of pad is 5-8mm.



以下尺寸適用於所有類型CRB

The below dimensions apply to all CRB types.

| 型號 Model | A(mm)     | B(mm) | C(mm) | D(mm) | 重量 (kg)<br>weight |
|----------|-----------|-------|-------|-------|-------------------|
| CRB-300  | 597(max)  | 540   | 500   | 50    | 21                |
| CRB-425  | 749(max)  | 765   | 600   | 50    | 30                |
| CRB-500  | 862(max)  | 900   | 750   | 70    | 39                |
| CRB-575  | 890(max)  | 940   | 750   | 70    | 46                |
| CRB-675  | 995(max)  | 1100  | 900   | 53    | 67                |
| CRB-750  | 1064(max) | 1225  | 900   | 53    | 71                |
| CRB-900  | 1215(max) | 1438  | 1100  | 70    | 118               |
| CRB-1000 | 1338(max) | 1598  | 1200  | 70    | 141               |

\*上表所列風機重量未含馬達。

The weight in the above table does not include that of motor.

以下尺寸適用於所有類型CRB

The below dimensions apply to all CRB types.

| 型號<br>Model | 基座邊緣尺寸 E(mm)   | 屋頂開洞尺寸 F(mm)<br>(鋼製基座) | 屋頂開洞尺寸 F(mm)<br>(混凝土基座) | 逆止風門尺寸 G(mm) |
|-------------|----------------|------------------------|-------------------------|--------------|
|             | Curb Edge Size | Roof Opening Size      | Roof Opening Size       | Damper Size  |
| CRB-300     | 490            | 390                    | 330                     | 300x300      |
| CRB-425     | 590            | 490                    | 430                     | 400x400      |
| CRB-500     | 740            | 640                    | 580                     | 550x550      |
| CRB-575     | 740            | 640                    | 580                     | 550x550      |
| CRB-675     | 890            | 790                    | 730                     | 650x650      |
| CRB-750     | 890            | 790                    | 730                     | 650x650      |
| CRB-900     | 1090           | 990                    | 930                     | 800x800      |
| CRB-1000    | 1190           | 1090                   | 1030                    | 900x900      |

## NOTES

NOTES