

**EC-CFX
Series**



**EC Centrifugal Cabinet Fan
Forward Curve**





EC Cabinet Fan

Introduction

The EC-CFX Series is specially designed with **energy savings** as main features for residential and commercial application, it produces high air volume at high static with low operating noise. The **external rotor EC fan** has higher efficiency over a range of speeds compare to an AC fan, a savings of average 50% in energy consumption can be achieved, thus make it the ideal choice for modern **GREEN** buildings. With the **Built-in Speed Controller**, the fan speed can be adjusted at site in accordance to actual requirements.

Range

EC-CFX 63 to EC-CFX 1010, total 6 models

Features

- **Energy saving**
- **Speed controllable**
- **Built-in**
 - **soft start** function
 - **0-10VDC speed controller**
 - **overcurrent protection**
- **locked rotor protection**
- **circuit board over heat protection**

Specification

Casing

- Material : GI Steel

Optional

- Epoxy powder coating or other types of anti-corrosion coating are available upon request
- Internal sound insulation with open cell NBR/PE or 1", 2lbs fiberglass with perforated aluminium foil for sound attenuation

Impeller

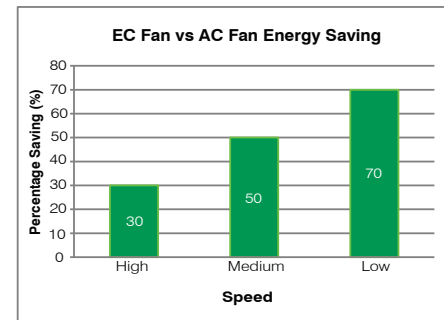
- Material : GI Sheet Metal
- Type : Forward curved
- The impeller, motor & electronics system are optimally matched and dynamically balanced

Motor

- High efficiency **EC External Rotor Motor**
- Speed controllable via **0-10VDC (Built-in)** or **PWM (Optional)**
- Class F

Operating Temperature

- -25°C to +60°C



Accessories (optional)

Inlet Grille



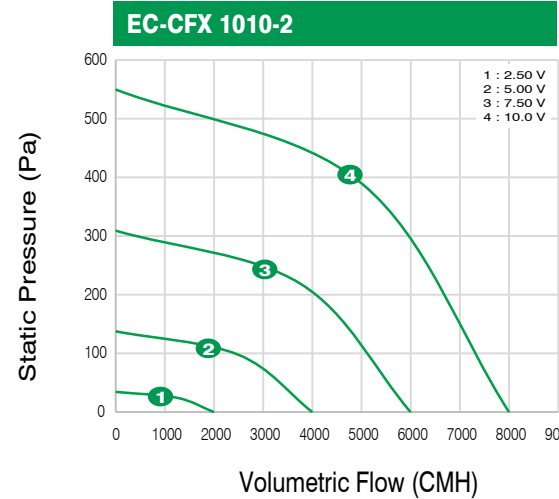
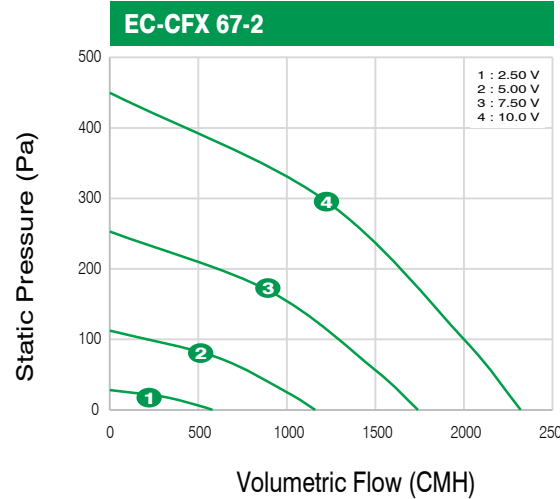
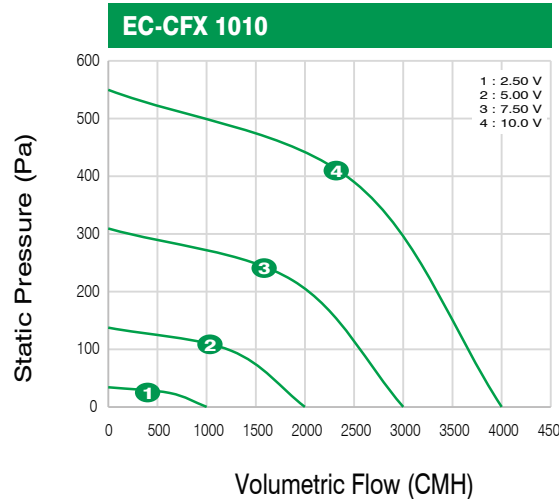
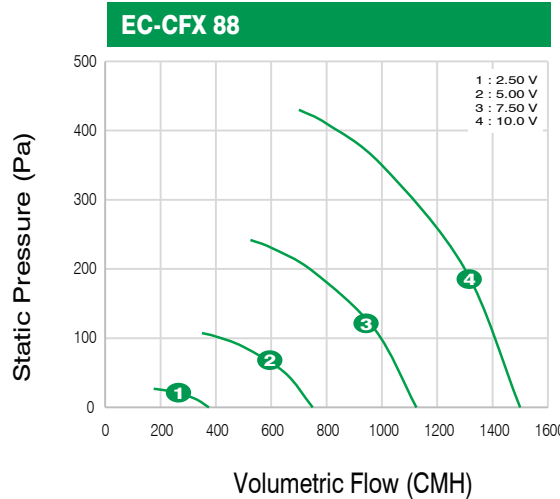
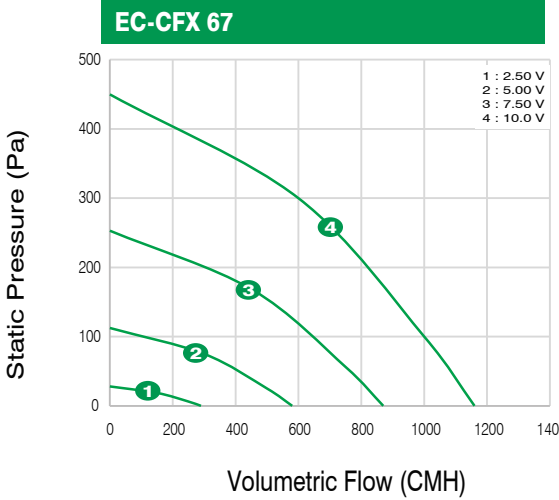
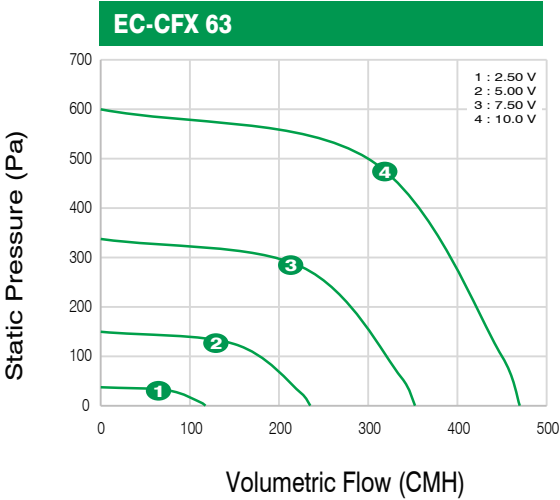
Outlet Grille



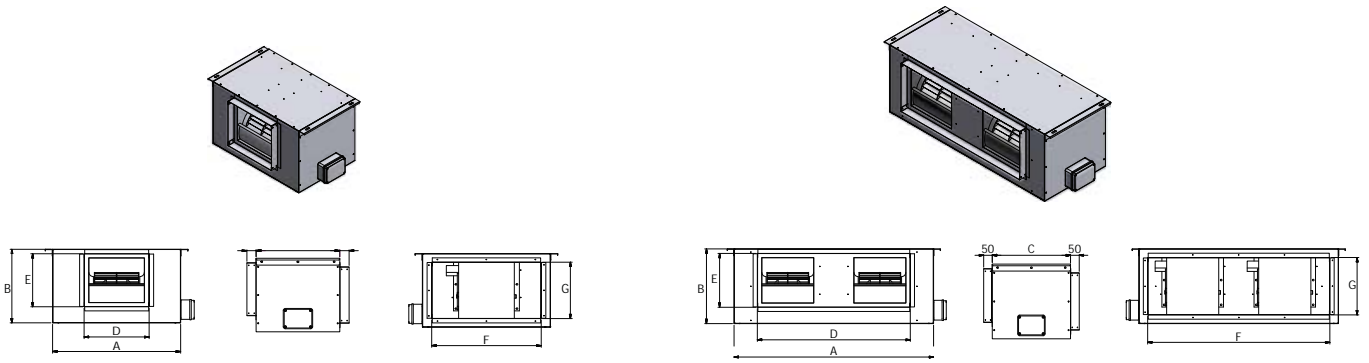
Technical Data

Model	EC-CFX 63	EC-CFX 67	EC-CFX 88	EC-CFX 1010	EC-CFX 67-2	EC-CFX 1010-2
Phase / Volt (V)	1/230					
Frequency (Hz)	50/60					
Max Input Power (W)	75	135	130	1500	135 x 2	1500 x 2
Air Flow (CMH)	470	1160	1500	4000	2320	8000
RPM	1700 (10V)	1450 (10V)	770 (10V)	1200 (10V)	1450 (10V)	1200 (10V)
Sound Pressure dB(A) @ 3m (Free Field)	27 (2.5V) 42 (5.0V) 51 (7.5V) 57 (10.0V)	29 (2.5V) 44 (5.0V) 53 (7.5V) 59 (10.0V)	21 (2.5V) 36 (5.0V) 45 (7.5V) 51 (10.0V)	39 (2.5V) 54 (5.0V) 63 (7.5V) 69 (10.0V)	30 (2.5V) 45 (5.0V) 54 (7.5V) 60 (10.0V)	42 (2.5V) 57 (5.0V) 66 (7.5V) 72 (10.0V)

Performance Curve



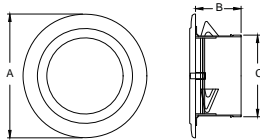
Dimension (mm)



Model	A	B	C	D	E	F	G
EC-CFX 63	360	250	320	200	120	260	150
EC-CFX 67	380	300	320	240	120	280	120
EC-CFX 88	610	430	370	260	200	510	330
EC-CFX 1010	768	500	491	380	340	668	400
EC-CFX 67-2	760	300	320	620	120	660	200
EC-CFX 1010-2	1216	500	491	940	340	1116	400

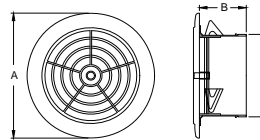
Accessories

Inlet Grille



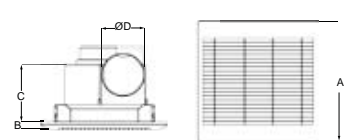
GR06 GR08

A	210	250
B	84	67
C	145	195



GRS06 GRS08

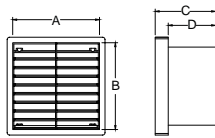
A	210	250
B	84	67
C	145	195



GAQ04 GAQ06

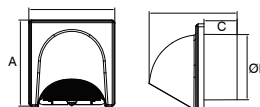
A	290	345
B	20	26
C	168	192
D	100	147
Ceiling Opening	245 x 230	310 x 295

Outlet Grille



GA4CG

A	110
B	110
C	76.5
D	60



GA4C GA6C

A	131	189
B	143	178
C	60	60
D	98.5	148

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SCAN & VISIT OUR WEBSITE

*Specifications & dimensions are subject to change without prior notice

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