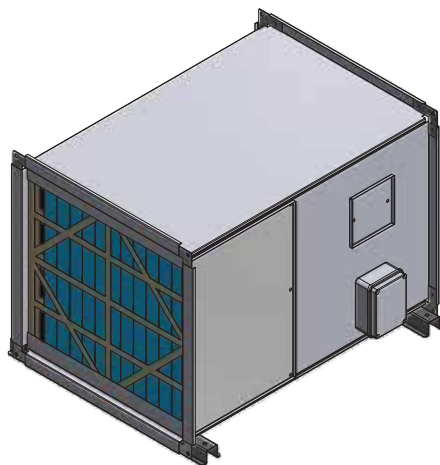




EC HEPA FILTRATION FAN

EC Plug Fan Type



EC Hepa Filtration Fan - Model EC-CFQ355F

Introduction

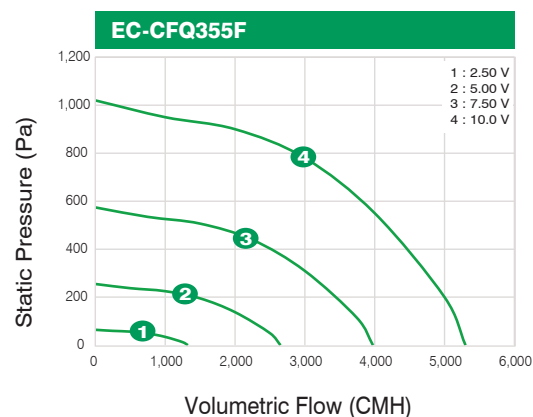
The EC-CFQ355F is an ideal solution for environments that require clean indoor air quality. It is designed with **clean air, virus control** and **energy savings** in mind. It comes with **3 stages filtration system + UVC lamp** for maximum security of disinfection and high system efficacy. User may opt for **Wire Remote Controller** (optional item).

Suitable for all types of Indoor Air Purification OR Fresh Air Intake applications, particularly **hospitals, clinics, schools, hotels, restaurants & commercial buildings**.

Features

- Pre-Filter (G4)**
 - Disposable pleated panel filter with special synthetic fiber media
 - Filters particles such as hair, pet fur, pollutant, dust
- Carbon Filter (G4)**
 - Powdered activated carbon
 - Swift and effective for odour removal
 - Remove both particulate and gaseous pollutants
 - Safe and fully disposable
- HEPA Filter Anti-Microbial (H13)**
 - Eliminates Virus and Microbial infections up to 99.99%
 - Absorbing all contaminated Aerosol / droplets in the air
 - Very low pressure drop, high energy saving
- * UVC**
 - Compact UVC (germicidal) lamp
- * Motor**
 - High efficiency EC External Rotor Motor
 - Speed controllable via 0-10VDC or PWM
 - Class F
 - IP54
 - Operating temperature -25°C to +60°C

Performance Curve (without filters)



* Actual fan performance subject to fan speed and filters conditions

Wire Remote Controller (optional)

Functions	
• PM2.5 display	
• CO ₂ sensor display	
• Temperature and humidity display	
• VOC display	
• Manual / Auto mode control	
• 7 days 24 hours timer	
• Filter replacement indicator	
• WiFi  function for mobile phone control	
• RS485 / Modbus	
• Dimension : 86mm(W) x 86mm(H) x 45mm(D)	

Reference on pressure drop

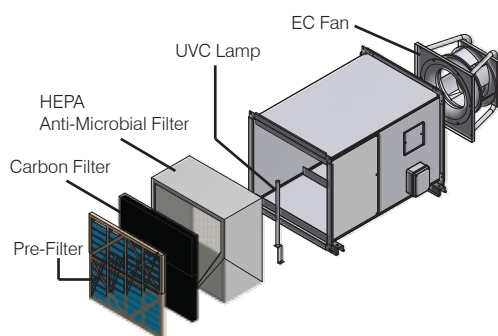
Type	Initial Pressure Drop (Pa)*	Final Pressure Drop (Pa)	Average Pressure Drop (Pa)
Pre-Filter	68	250	159
Carbon Filter	90	250	170
HEPA Filter	230	750	490
Total	388	1250	819

* Initial pressure drop with tolerance of +/-10% and face velocity of 2.54m/s

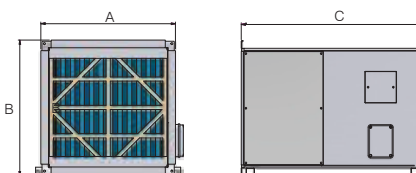
Technical Data

Model	EC-CFQ355F
Phase/Volt (V)	3/400
Frequency (Hz)	50/60
Current (A)	1.5
Max Input Power (W)	1200
Max RPM	2350
Air Volume (CMH) (Max)	4000
Sound Pressure dB(A) @3m (Free Field)	52 (6V)

Exploded View



Dimension (mm)



Model	A	B	C
EC-CFQ355F	640	666	1100

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* Specifications subject to changes without prior notice

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