

# FILTER FAN

**NEW**

FF018 Series  
Starts at  
**\$73**



FF01801800001,  
\$73, shown  
smaller than  
actual size.



- Very Low Noise
- Minimal Depth in Enclosure
- Functional Design
- Time-Saving Installation

In addition to the easy mounting axial fan, the self-adhesive seal of the mounting frame prevents dust and water from entering the cabinet. The functional design of the intake fan hoods very effectively prevents direct infiltration of falling water and dust. The design also provides air channeling which makes the filter fan particularly quiet in operation.

## SPECIFICATIONS

**Free Blowing Air Flow:** 21 m<sup>3</sup>/h (12 cfm), 60 m<sup>3</sup>/h (35 cfm), 102 m<sup>3</sup>/h (55 cfm)

**Voltage:** 120 Vac, 60 Hz

**Environmental Ratings:**  
UL 12/NEMA 3S (IP54)

**Agency Approvals:** UL, VDE

**Power Consumption:**

FF01801800001: 13 W

FF01801801001, FF01801802001:  
15 W

**Air Flow with Exit Filter:** 16 m<sup>3</sup>/h (9 cfm), 42 m<sup>3</sup>/h (24 cfm), 68 m<sup>3</sup>/h (40 cfm)

**Current Consumption:**

FF01801800001: 160 mA

FF01801801001, FF01801802001:  
180 mA

**Average Noise level at 0.9 m (3')**  
(DIN EN ISO 4871):

FF01801800001: 31 dB (A)

FF01801801001: 40 dB (A)

FF01801802001: 39 dB (A)

**Weight:**

FF01801800001: 0.6 kg (1.3 lb)

FF01801801001: 1.0 kg (2.2 lb)

FF01801802001: 1.3 kg (2.9 lb)

**Filter Fan Housing:** Plastic, UL 94V-0, light gray

**Filter Fan Hood:** Plastic, UL 94V-0, light gray, weather proof and UV light resistant according to UL 746C (f1)

**Filter Mat:** Medium grade 350 g/m<sup>2</sup>, filtering degree 94% for particle Ø <10 µm, G4 (EN 779)

**Filter Material:** Synthetic fiber with progressive construction, temperature resistant to 100°C (212°F), self-extinguishing class F1. Moisture resistant to 100% RH. Can be cleaned by washing or vacuuming for reuse. Replacement filter mats available on request.

**Axial Fan:** Ball bearing, aluminum frame, plastic impeller UL 94V-0, operational life min 50,000 hrs at 25°C (77°F) (RH 65%)

**Operating Temperature:** -45 to 70°C (-49 to 158°F), 2 lead wires 102 mm (4") long with pressure clamps, type AWG 14 max

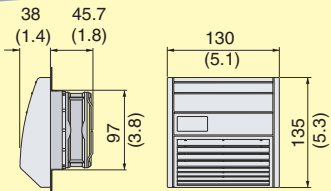
**Mounting Frame:** With double sided industrial adhesive band for affixing to the outside of enclosure; certain operating circumstances may make the additional use of screws necessary

**Operating/Storage Temperature:** -45 to 70°C (-49 to 158°F)

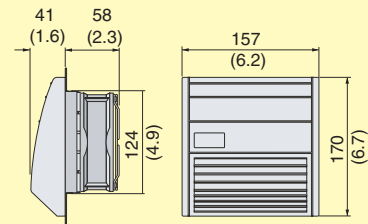
**Protection Type:** NEMA 3S (IP54) (using fine filter mat type F5 increases the protection type to NEMA 4 (IP55) but reduces the air volume)

**Protection Class:** I (grounded)

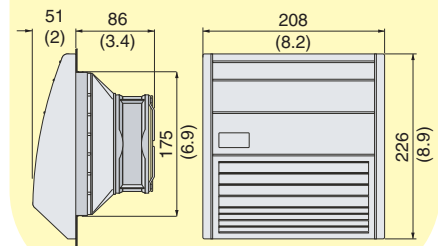
**Dimensions:**  
mm (in)



FF01801800001



FF01801801001



FF01801802001

## To Order (Specify Model Number)

**AVAILABLE FOR FAST DELIVERY!**

MODEL NO.	PRICE	DESCRIPTION
FF01801800001	\$73	Standard filter fan, 24 m <sup>3</sup> /h (14 cfm)
FF01801801001	82	Standard filter fan, 63 m <sup>3</sup> /h (40 cfm)
FF01801802001	96	Standard filter fan, 117 m <sup>3</sup> /h (69 cfm)

Comes complete with operator's manual.

**Ordering Examples:** FF01801800001, filter fan, 24 m<sup>3</sup>/h (14 cfm), \$73. FF01801802001, filter fan, 117 m<sup>3</sup>/h (69 cfm), \$96.



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