



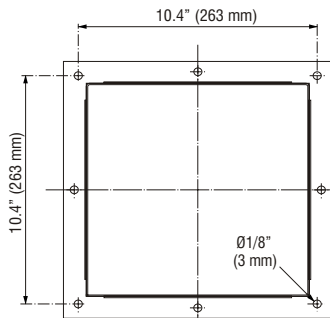
EMI + Standard Filter Fan FF 018

	Standard Version	EMI Version
Part No. AC 230 V, 50 Hz:	01803.0-00	01803.1-00
Part No. AC 120 V, 60 Hz:	01803.0-01	01803.1-01
Filter mat: Medium grade	350 g/m ² , filtering degree 94% for particle Ø < 10 µm, G4 (EN 779)	
Air flow		
free blowing:	176 cfm (300 m ³ /h)	
with exhaust filter:	135 cfm (230 m ³ /h)	
Current consumption		
230 V:	400 mA	
120 V:	700 mA	
Power consumption		
230 V:	60W	
120 V:	60W	
Average noise level at 3 ft		
(DIN EN ISO 9614-2):	53 dB (A)	
Mounting depth:	2.6" (65 mm)	
Enclosure cut-out:	9.8 x 9.8" (250 x 250 mm +0.4)	
Weight:	approx. 7.7 lbs (3.5 kg)	

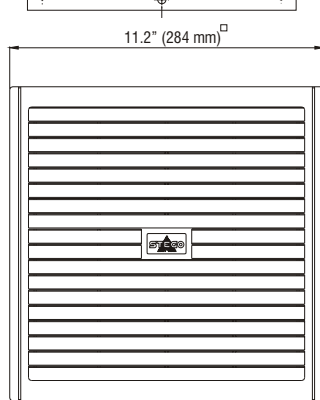
Air flow increases by approximately 15% for 120 V / 60 Hz models



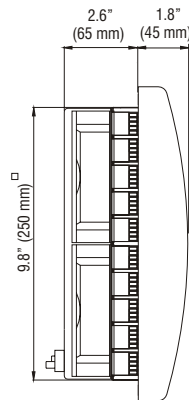
U.S. Patent No. 6,699,301 B1



Mounting frame



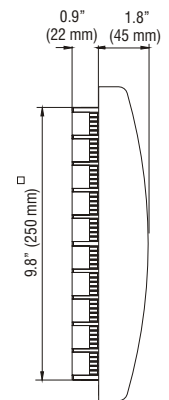
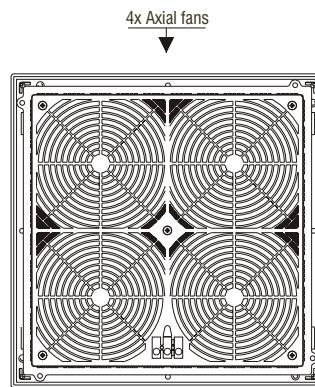
Filter fan



Exhaust filter

EXHAUST FILTER EF 118 Series

	Standard Version	EMI Version
Part No.:	11803.0-00	11803.1-00
Filter mat: Medium grade	350 g/m ² , filtering degree 94% for particle Ø < 10 µm, G4 (EN 779)	
Mounting depth:	0.9" (22 mm)	
Enclosure cut-out:	9.8" x 9.8" (250 x 250 mm +0.4)	
Weight:	approx. 2.1 lbs (0.95 kg)	



Exhaust filter

OTHER TECHNICAL DATA:

Axial fan: Ball bearing, aluminum frame, plastic impeller UL94V-0
Operational life min. 50,000 hrs at 77°F (RH 65%)
Ambient temperature -22°F to 158°F
Connection 3-pole terminal, AWG 14 (2.5 mm²) max.
DC Axial fan in 12 V, 24 V, 48 V available on request

Filter fan & exhaust filter housing: Plastic, UL94V-0
Color light grey, temperature resistant -31°F to 158°F

Mounting frame: With double sided industrial adhesive tape for affixing to the outside of enclosure. Certain operating conditions may make the additional use of screws necessary.

Filter material: Synthetic fiber with progressive construction, temperature resistant to 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.

The fan mounting on the EMI Version is plated and the mounting frame is fitted with Be Cu contact strips.
Protection with standard filter mats G4: IP 54.
Using fine filter mats F5 increases the protection to IP 55 but reduces the air volume.

Specifications are subject to change without notice. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.

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