

# FILTER FAN - SIZE 3

FF 018 | 01804.0-01



Size 3 filter fan for optimum ventilation of enclosures and casings with electrical/electronic installations. The supply of filtered, cold ambient air and the removal of heated internal air reduces the internal temperature. The resulting air flow prevents the formation of hot pockets and protects the components from overheating. With four integrated, quiet in operation axial fans, this filter fan achieves a particularly high, uniform air circulation and thus offers high operational reliability with a very low installation depth. This filter fan series is intended for indoor use. The plastic used for the hood material is highly UV light resistant.

- Quiet in operation, easy to maintain
- Low installation depth
- High air through-flow rate
- Uniform air circulation
- High operational reliability
- UV light resistant



## OVERVIEW TECHNICAL DATA

Device type	Filter fan
Protection class	I
Protection type	IP54
Material hood	Plastic to UL94 V-0, light gray
Filter material	Plastic fibre with progressive structure
Filter mat	G4
Casing	UL94 V-0 plastic, light gray
AC/DC	AC
Operating voltage	120 V
Frequency	60 Hz
Power consumption	39 W
Axial fan	Fan body aluminium, rotor plastic
Cooling airflow rate outlet filter	84.2 cfm
Cooling airflow rate blowing	135.4 cfm
Average emission sound pressure level	52 dB(A)
Service life	>50000 h
Operating temperature	-13 °F - 140 °F
Operating humidity	≤90 % rF
Storage humidity	≤90 % rF
Storage temperature	-13 °F - 140 °F
Torque	0.8 Nm max.
Connection	3-pole clamp 2.5 mm <sup>2</sup>

Drill hole spacing	7.4 in
Height	8.9 in
Width	8.2 in
Depth	5.4 in
Installation depth	3.7 in
Weight	60 oz
Mounting cut-out	176 x 176 in
Item number accessories 1	08602.0-00
Item number accessories 2	11802.0-00
Accessory 1	Replacement filter mat FM 086 (3 pcs.)
Accessory 2	Exit filter EF 118

### EXIT FILTER - SIZE 3

Article number	available_till	Filter mat	Height	Depth	Installation depth	Weight
11802.0-00	1.4.2026	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	8.9 in	2.6 in	0.6 in	21.2 oz

### FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08602.0-00	3 Stück	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	168x168 in

### TECHNICAL DRAWINGS