FILTER FAN - SIZE 3

FF 018 | 01804.0-01



Size 3 filter fan for optimised 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 bonnet material is highly UV light resistant.

- Quiet in operation, easy to maintain
- Low installation depth
- high air through-flow
- 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 grey
Filter material	Plastic fibre with progressive structure
Filter mat	G4
Casing	UL94 V-0 plastic, light grey
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	143 m³/h
Cooling airflow rate blowing	230 m³/h
Average emission sound pressure level	52 dB(A)
Service life	>50000 h
Operating temperature	-25 °C - 60 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-25 °C - 60 °C
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm²

Drill hole spacing	188 mm
Height	226 mm
Width	209 mm
Depth	136 mm
Installation depth	95 mm
Weight	1700 g
Mounting cut-out	176 x 176 mm
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 %	226 mm	66 mm	16 mm	600 g

FILTER MAT BAG

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

TECHNICAL DRAWINGS



