FILTER FAN - SIZE 4

FF 018 | 01805.0-01



Size 4 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. The axial fan ensures a high air through-flow rate. This filter fan series is intended for indoor use. The plastic used for the bonnet material is highly UV light resistant.

- high air through-flow
- Functional design
- Time-saving installation
- 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	85 W
Axial fan	Fan body aluminium, rotor plastic
Cooling airflow rate outlet filter	345 m³/h
Cooling airflow rate blowing	632 m³/h
Average emission sound pressure level	65 dB(A)
Service life	>50000 h
Operating temperature	-25 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-25 °C - 70 °C
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm²
Drill hole spacing	263 mm
Height	284 mm

Width	284 mm
Depth	152 mm
Installation depth	107 mm
Weight	2700 g
Mounting cut-out	250 x 250 mm
Item number accessories 1	08608.0-00
Item number accessories 2	11803.0-00
Accessory 1	Replacement filter mat FM 086 (3 pcs.)
Accessory 2	Exit filter EF 118

EXIT FILTER - SIZE 4

Article number	*Filter mat*
11803.0-00	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %

TECHNICAL DRAWINGS



