FILTER FAN - SIZE 4

FF 018



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

- High air through-flow rate
- 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
Axial fan	Fan body aluminium, rotor plastic
Service life	>50000 h
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm²
Drill hole spacing	263 mm
Height	284 mm
Width	284 mm
Mounting cut-out	250 x 250 mm
Item number accessories 2	11803.0-00
Accessory 1	Replacement filter mat FM 086 (3 pcs.)
Accessory 2	Exit filter EF 118

PRODUCT VARIANTS

Article number	Operating voltage	Frequency	Power consumption	Cooling airflow rate outlet filter	Cooling airflow rate blowing	Average emission sound pressure level	Operating temperature	Storage temperature	Depth	Installation depth	Weight	Item number accessories 1
01803.0-00	230 V	50 Hz	68 W	230 m³/h	300 m³/h	56 dB(A)	-10 °C - 70 °C	-40 °C - 70 °C	110 mm	65 mm	3300 g	08603.0-00
01803.0-01	120 V	60 Hz	68 W	264 m³/h	345 m³/h	56 dB(A)	-10 °C - 70 °C	-40 °C - 70 °C	110 mm	65 mm	3300 g	08603.0-00
01805.0-00	230 V	50 Hz	64 W	300 m³/h	550 m³/h	65 dB(A)	-25 °C - 70 °C	-25 °C - 70 °C	152 mm	107 mm	2700 g	08608.0-00
01805.0-01	120 V	60 Hz	85 W	345 m³/h	632 m³/h	65 dB(A)	-25 °C - 70 °C	-25 °C - 70 °C	152 mm	107 mm	2700 g	08608.0-00

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