FILTER FAN PLUS - SIZE 1 (92 X 92 MM)

FPO 018



Filter fan FPO size 1 (92 x 92 mm) for air conditioning enclosures and casings. Configuration: FPO - airflow direction "out" (design: intaking). Optimum filter fan for enclosures: The Filter Fan Plus draws the heating air from the enclosure to the outside. Cooler outside air enters the enclosure via the inlet filter. The air flow protects the electrical components.

- Filter fan with self-closing flaps as air outlet
- Only one filter mat required (on the inlet filter)
- Easy installation thanks to mounting frame with twist locks
- Effective air circulation
- Accessories: Hose-proof hood to increase the protection type to IP56

OVERVIEW TECHNICAL DATA

Device type	Filter fan Plus (DC)
Protection class	II
Protection type	IP54
Material hood	Plastic to UL94 V-0, light grey
Filter mat	Flaps
Casing	Plastic to UL94 V-0, light grey
AC/DC	DC
Axial fan	Fan body aluminium, rotor metal
Service life	>70000 h
Operating temperature	-20 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-40 °C - 70 °C
Connection	2 stranded wires, 300 mm
Mounting frame	With 4 built-in rotary latches for locking
Height	120 mm
Width	120 mm
Depth	90 mm
Installation depth	66 mm
Weight	300 g
Mounting cut-out	92 x 92 mm
Item number accessories 1	08633.0-00
Item number accessories 2	11880.0-30
Item number accessories 3	08670.0-00
Accessory 1	Replacement filter mat FM 086

Accessory 2	Inlet filter FPO 118 with G3 filter
Accessory 3	Water jet protection hood FFH 086
Note	Drilling pattern for screw fixing marked on mounting frame.
Protection type UL	NEMA Type 12

PRODUCT VARIANTS

Article number	Operating voltage	Power consumption	Cooling airflow rate outlet filter	Cooling airflow rate blowing	Average emission sound pressure level
01880.1-00	48 V	3 W	18 m³/h	33 m³/h	49 dB(A)
01880.2-00	24 V	2,7 W	17 m³/h	31 m³/h	48 dB(A)

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08633.0-00	5 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	84x84 mm

HOSE-PROOF HOOD

Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08670.0-00	Silicone, food safe	FPI/FPO 018 92 x 92 mm	214 mm	195 mm	48 mm	800 g

INLET FILTER - SIZE 1 (92 X 92 MM)

Article number	Filter mat	Height	Width	Depth	Installation depth	Weight
11880.0-30	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	120 mm	120 mm	44 mm	22 mm	200 g

TECHNICAL DRAWINGS