FILTER FAN PLUS - SIZE 2 (124 X 124 MM)

FPO 018



Filter fan FPO size 2 (124 x 124 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
Cooling airflow rate outlet filter	63 m³/h
Service life	>65000 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	152 mm
Width	152 mm
Depth	104 mm
Installation depth	79 mm
Weight	500 g
Mounting cut-out	124 x 124 mm
Item number accessories 1	08634.0-00
Item number accessories 2	11881.0-30
Item number accessories 3	08671.0-00

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 blowing	Average emission sound pressure level
01881.1-00	48 V	4,2 W	125 m³/h	50 dB(A)
01881.2-00	24 V	4,1 W	118 m³/h	56 dB(A)

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08634.0-00	5 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	118x118 mm

HOSE-PROOF HOOD

Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08671.0-00	Silicone, food safe	FPI/FPO 018 124 x 124 mm	279 mm	225 mm	58 mm	1200 g

INLET FILTER - SIZE 2 (124 X 124 MM)

Article number	Filter mat	Height	Width	Depth	Installation depth	Weight
11881.0-30	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	152 mm	152 mm	47 mm	22 mm	200 g

TECHNICAL DRAWINGS