FILTER FAN PLUS - SIZE 3 (176 X 176 MM)

FPO 018 | 01882.1-00



Filter fan FPO size 3 (176 x 176 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 material	Plastic fibre with progressive structure
Filter mat	Flaps
Casing	Plastic to UL94 V-0, light grey
AC/DC	DC
Operating voltage	48 V
Power consumption	12 W
Axial fan	Aluminium fan body, rotor metal
Cooling airflow rate outlet filter	146 m³/h
Cooling airflow rate blowing	277 m³/h
Average emission sound pressure level	63 dB(A)
Service life	>80000 h
Operating temperature	-25 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-40 °C - 70 °C
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm²
Height	215 mm
Width	215 mm
Depth	142 mm
Installation depth	117 mm

Weight	1500 g
Mounting cut-out	176 x 176 mm
Item number accessories 1	08635.0-00
Item number accessories 2	11882.0-30
Item number accessories 3	08672.0-00
Accessory 1	Replacement filter mat FM 086
Accessory 2	Exit filter FP0 118 with filter mat G3
Accessory 3	Water jet protection bonnet FFH 086
Note	Drilling pattern for screw fixing marked on mounting frame.
Protection type UL	NEMA Type 12

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08635.0-00	5 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	168x168 mm

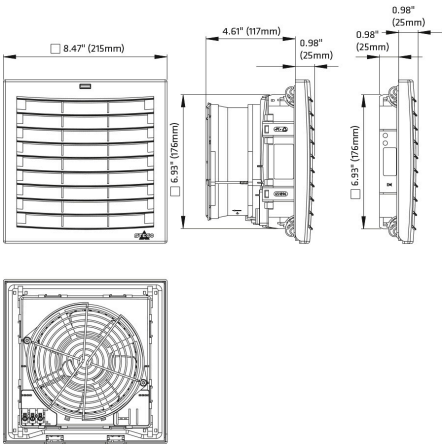
HOSE-PROOF HOOD

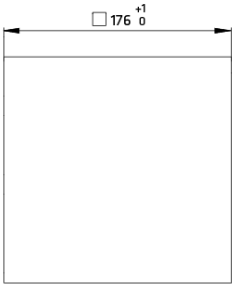
Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08672.0-00	Silicone, food safe	FPI/FPO 018 176 x 176 mm	359 mm	294 mm	68 mm	2000 g

INLET FILTER - SIZE 3 (176 X 176 MM)

Article number	Filter mat	Height	Width	Depth	Installation depth	Weight
11882.0-30	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	215 mm	215 mm	50 mm	25 mm	400 g

TECHNICAL DRAWINGS





Enclosure cut-out