

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

FPO 018 | 01882.9-00



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 (AC)
Protection class	I
Protection type	IP54
Material hood	Plastic to UL94 V-0, light gray
Filter material	Plastic fibre with progressive structure
Filter mat	Flaps
Casing	Plastic to UL94 V-0, light gray
AC/DC	AC
Operating voltage	115 V
Frequency	60 Hz
Power consumption	38 W
Axial fan	Fan body aluminium, rotor metal
Cooling airflow rate outlet filter	97.7 cfm
Cooling airflow rate blowing	184.2 cfm
Average emission sound pressure level	60 dB(A)
Service life	>65000 h
Operating temperature	-13 °F - 158 °F
Operating humidity	≤90 % rF
Storage humidity	≤90 % rF
Storage temperature	-40 °F - 158 °F
Torque	0.8 Nm max.
Connection	3-pole clamp 2.5 mm²
Height	8.5 in
Width	8.5 in
Depth	5.6 in

Installation depth	4.6 in
Weight	56.4 oz
Mounting cut-out	176 x 176 in
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 FPO 118 with filter mat G3
Accessory 3	Water jet protection hood 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 Stück	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	168x168 in

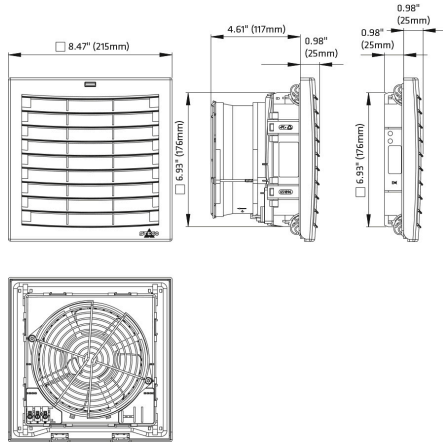
HOSE-PROOF HOOD

Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08672.0-00	Silicone, food safe	FPI/FPO 018 176 x 176 in	14.1 in	11.6 in	2.7 in	70.5 oz

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 %	8.5 in	8.5 in	2 in	1 in	14.1 oz

TECHNICAL DRAWINGS



Enclosure cut-out