

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

FPO 018 | 01880.2-00



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 gray
Filter mat	Flaps
Casing	Plastic to UL94 V-0, light gray
AC/DC	DC
Operating voltage	24 V
Power consumption	2.7 W
Axial fan	Fan body aluminium, rotor metal
Cooling airflow rate outlet filter	10 cfm
Cooling airflow rate blowing	18.2 cfm
Average emission sound pressure level	48 dB(A)
Service life	>70000 h
Operating temperature	-4 °F - 158 °F
Operating humidity	≤90 % rF
Storage humidity	≤90 % rF
Storage temperature	-40 °F - 158 °F
Connection	2 stranded wires, 300 mm
Mounting frame	With 4 built-in rotary latches for locking
Height	4.7 in
Width	4.7 in
Depth	3.5 in
Installation depth	2.6 in
Weight	10.6 oz

Mounting cut-out	92 x 92 in
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

## FILTER MAT BAG

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

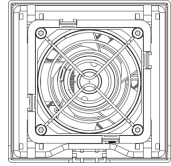
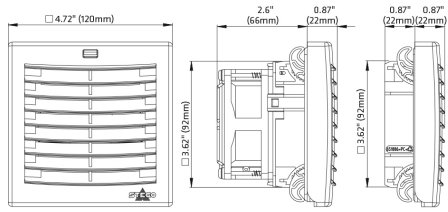
## HOSE-PROOF HOOD

Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08670.0-00	Silicone, food safe	FPI/FPO 018 92 x 92 in	8.4 in	7.7 in	1.9 in	28.2 oz

## 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 %	4.7 in	4.7 in	1.7 in	0.9 in	7.1 oz

TECHNICAL DRAWINGS



Enclosure cut-out