FILTER FAN PLUS - SIZE 4 (223 X 223 MM)

FPO 018



Filter fan FPO size 4 (223 x 223 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 grey
Filter material	Plastic fibre with progressive structure
Filter mat	Flaps
Casing	Plastic to UL94 V-0, light grey
AC/DC	AC
Axial fan	Fan body aluminium, rotor metal
Service life	>56000 h
Operating temperature	-25 °C - 65 °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
Mounting frame	With 4 built-in rotary latches for locking
Height	257 mm
Width	257 mm
Depth	171 mm
Installation depth	147 mm
Weight	2400 g
Mounting cut-out	223 x 223 mm
Item number accessories 1	08636.0-00
Item number accessories 2	11883.0-30

Item number accessories 3	08673.0-00
Accessory 1	Replacement filter mat FM 086
Accessory 2	Exit filter FP0 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

PRODUCT VARIANTS

Article number	Operating voltage	Frequency	Power consumption	Cooling airflow rate outlet filter	Cooling airflow rate blowing	Average emission sound pressure level
01883.0-00	230 V	50 Hz	64 W	281 m³/h	536 m³/h	65 dB(A)
01883.9-00	115 V	60 Hz	81 W	310 m³/h	581 m³/h	68 dB(A)

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08636.0-00	5 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	215x215 mm

HOSE-PROOF HOOD

Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08673.0-00	Silicone, food safe	FPI/FPO 018 223 x 223 mm	415 mm	369 mm	78 mm	2800 g

INLET FILTER - SIZE 4 (223 X 223 MM)

Article number	Filter mat	Height	Width	Depth	Installation depth	Weight
11883.0-30	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	257 mm	257 mm	51 mm	25 mm	500 g

TECHNICAL DRAWINGS