FILTER FAN PLUS - SIZE 5 (291 X 291 MM)

FPO 018



Filter fan FPO size 5 (291 x 291 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 mat	Flaps
Casing	Plastic to UL94 V-0, light grey
AC/DC	AC
Axial fan	Fan body aluminium, rotor metal
Operating humidity	≤75 % RH
Storage humidity	≤75 % 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	322 mm
Width	322 mm
Depth	189 mm
Installation depth	160 mm
Mounting cut-out	291 x 291 mm
Item number accessories 1	08637.0-00
Item number accessories 2	11884.0-30
Item number accessories 3	08674.0-00
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	Frequency	Power consumption	Cooling airflow rate outlet filter	Cooling airflow rate blowing	Average emission sound pressure level	Service life	Operating temperature	Weight
01884.0-00	230 V	50 Hz	95 W	413 m³/h	727 m³/h	63 dB(A)	>76000 h	-40 °C - 55 °C	3200 g
01884.0-01	230 V	50 Hz	140 W	599 m³/h	1010 m³/h	70 dB(A)	>54000 h	-40 °C - 55 °C	3400 g
01884.9-00	115 V	60 Hz	90 W	391 m³/h	703 m³/h	62 dB(A)	>76000 h	-40 °C - 55 °C	3200 g
01884.9-01	115 V	60 Hz	165 W	609 m³/h	1031 m³/h	71 dB(A)	>54000 h	50 Hz: —40 - +55 °C 60 Hz: -25 - +50 °C °C	3400 g

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08637.0-00	5 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	283x283 mm

HOSE-PROOF HOOD

Article number	material_sealing	cutout_dimension	Height	Width	Depth	Weight
08674.0-00	Silicone, food safe	FPI/FPO 018 291 x 291 mm	485 mm	409 mm	103 mm	3700 g

INLET FILTER - SIZE 5 (291 X 291 MM)

Article number	Filter mat	Height	Width	Depth	Installation depth	Weight
11884.0-30	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	322 mm	322 mm	54 mm	25 mm	800 g

TECHNICAL DRAWINGS