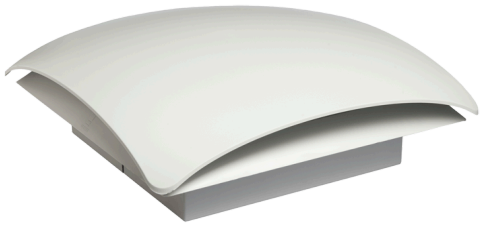
ROOF FILTER FAN

RFP 018 | 01861.0-00



The roof filter fan ensures uniform air circulation in the enclosure or casing. The resulting air flow cools the electrical components. Note: The application of roof filter fans always requires pressure compensation. Either in combination with an inlet filter or an inlet filter fan.

- Low installation depth
- Quiet in operation with a high air through-flow rate
- High operational reliability
- Time-saving installation and filter mat replacement

OVERVIEW TECHNICAL DATA

Device type	Accessories
Protection class	I
Protection type	IP32
Filter material	Plastic fibre with progressive structure
Filter mat	G3
Casing	Plastic to UL94 V-0, light grey; UV light resistant to UL746C (f1)
AC/DC	AC
Operating voltage	230 V
Frequency	50 Hz
Power consumption	64 W
Axial fan	Fan body aluminium, rotor plastic
Cooling airflow rate blowing	500 m³/h
Average emission sound pressure level	67 dB(A)
Service life	>50000 h
Operating temperature	-25 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-25 °C - 70 °C
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm² max.
Height	180 mm
Width	354 mm
Depth	354 mm
Installation depth	107 mm
Weight	2600 g

Mounting cut-out	246 x 246 mm
Item number accessories 1	11860.0-00
Item number accessories 2	08613.0-01
Accessory 1	Roof exit filter RFP 018
Accessory 2	Replacement filter mat FM 086
Note	The roof filter fan must always be operated in combination with an inlet filter (e.g. Art. 11803.0-00) or an inlet filter fan (e.g. Art. No. 01803.0-00) for pressure compensation in the enclosure.

FILTER MAT BAG

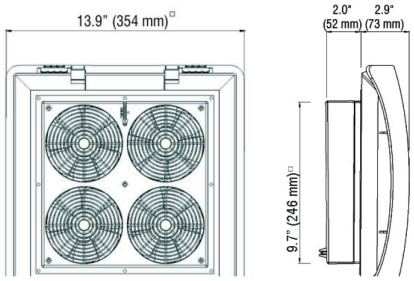
Article number	packaging_size	Filter mat	Mounting cut-out
08613.0-01	3 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	282x282 mm

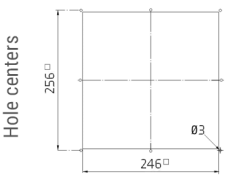
ROOF EXIT FILTER

Article number	packaging_size	Filter mat	Installation depth	Weight	Mounting cut-out
11860.0-00	3 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	10 mm	1000 g	246x246 mm

TECHNICAL DRAWINGS

Roof Filter Fan (01860.0-XX)





Enclosure cut-out

Roof Filter Fan (01861.0-XX)

