FILTER FAN - SIZE 3

FF 018



Size 3 filter fan for optimum ventilation of enclosures and casings with electrical/electronic installations. The supply of filtered, cold ambient air and the removal of heated internal air reduces the internal temperature. The resulting air flow prevents the formation of hot pockets and protects the components from overheating. With four integrated, quiet in operation axial fans, this filter fan achieves a particularly high, uniform air circulation and thus offers high operational reliability with a very low installation depth. This filter fan series is intended for indoor use. The plastic used for the hood material is highly UV light resistant.

- Quiet in operation, easy to maintain
- Low installation depth
- High air through-flow rate
- Uniform air circulation
- High operational reliability
- UV light resistant

OVERVIEW TECHNICAL DATA

Device type	Filter fan
Protection class	I
Protection type	IP54
Material hood	Plastic to UL94 V-0, light grey
Filter material	Plastic fibre with progressive structure
Filter mat	G4
Casing	UL94 V-0 plastic, light grey
AC/DC	AC
Axial fan	Fan body aluminium, rotor plastic
Service life	>50000 h
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Drill hole spacing	188 mm
Height	226 mm
Width	209 mm
Depth	136 mm
Mounting cut-out	176 x 176 mm
Item number accessories 1	08602.0-00
Item number accessories 2	11802.0-00
Accessory 1	Replacement filter mat FM 086 (3 pcs.)
Accessory 2	Exit filter EF 118

PRODUCT VARIANTS

Article number	Operating voltage	Frequency	Power consumption	Cooling airflow rate outlet filter	Cooling airflow rate blowing	Average emission sound pressure level	Operating temperature	Storage temperature	Torque	Connection	Installation depth	Weight
01802.0-00	230 V	50 Hz	15 W	68 m³/h	102 m³/h	39 dB(A)	-10 °C - 70 °C	-40 °C - 70 °C		2 stranded wires, 100 mm long, with 2.5 mm² pressure clamps	86 mm	1300 g
01802.0-01	120 V	60 Hz	15 W	78 m³/h	117 m³/h	39 dB(A)	-10 °C - 70 °C	-40 °C - 70 °C		2 stranded wires, 100 mm long, with 2.5 mm² pressure clamps	86 mm	1300 g
01804.0-00	230 V	50 Hz	45 W	125 m³/h	200 m³/h	52 dB(A)	-25 °C - 50 °C	-25 °C - 50 °C	0,8 Nm max.	3-pole clamp 2.5 mm²	95 mm	1700 g
01804.0-01	120 V	60 Hz	39 W	143 m³/h	230 m³/h	52 dB(A)	-25 °C - 60 °C	-25 °C - 60 °C	0,8 Nm max.	3-pole clamp 2.5 mm²	95 mm	1700 g

EXIT FILTER - SIZE 3

Article number	available_till	Filter mat	Height	Depth	Installation depth	Weight
11802.0-00	1.4.2026	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	226 mm	66 mm	16 mm	600 g

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08602.0-00	3 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	168x168 mm

TECHNICAL DRAWINGS