FILTER FAN - SIZE 2

FF 018



Size 2 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. This filter fan series is intended for indoor use. The plastic used for the hood material is highly UV light resistant.

- Easy to maintain
- High air through-flow rate
- Functional design
- Time-saving installation
- 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
Power consumption	15 W
Axial fan	Fan body aluminium, rotor plastic
Average emission sound pressure level	40 dB(A)
Service life	>50000 h
Operating temperature	-10 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-40 °C - 70 °C
Connection	2 stranded wires, 100 mm long, with 2.5 mm² pressure clamps
Drill hole spacing	137 mm
Height	170 mm
Width	157 mm
Depth	98 mm
Installation depth	58 mm
Weight	1000 g
Mounting cut-out	125 x 125 mm

Item number accessories 1	08601.0-00
Item number accessories 2	11801.0-00
Accessory 1	Replacement filter mat FM 086 (3 pcs.)
Accessory 2	Exit filter EF 118

PRODUCT VARIANTS

Article number	Operating voltage	Frequency	Cooling airflow rate outlet filter	Cooling airflow rate blowing
01801.0-00	230 V	50 Hz	42 m³/h	55 m³/h
01801.0-01	120 V	60 Hz	48 m³/h	63 m³/h

EXIT FILTER - SIZE 2

Article number	Filter mat	Height	Depth	Installation depth	Weight
11801.0-00	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	170 mm	56 mm	16 mm	400 g
11821.0-00	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %				

FILTER MAT BAG

Article number	packaging_size	Filter mat	Mounting cut-out
08601.0-00	3 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	118x118 mm
08607.0-00	3 Piece	ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 %	122x122 mm

TECHNICAL DRAWINGS