# FILTER FAN - SIZE 4

## FF 018 | 01803.0-01



Size 4 filter fan for optimised 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. The axial fan ensures a high air through-flow rate. This filter fan series is intended for indoor use. The plastic used for the bonnet material is highly UV light resistant.

- high air through-flow
- 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 |
| Operating voltage | 120 V |
| Frequency | 60 Hz |
| Power consumption | 68 W |
| Axial fan | Fan body aluminium, rotor plastic |
| Cooling airflow rate outlet filter | 264 m³/h |
| Cooling airflow rate blowing | 345 m³/h |
| Average emission sound pressure level | 56 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 |
| Torque | 0,8 Nm max. |
| Connection | 3-pole clamp 2.5 mm² |
| Drill hole spacing | 263 mm |
| Height | 284 mm |
| Width | 284 mm |

| | |
|---|---|
| Depth | 110 mm |
| Installation depth | 65 mm |
| Weight | 3300 g |
| Mounting cut-out | 250 x 250 mm |
| Item number accessories 1 | 08603.0-00 |
| Item number accessories 2 | 11803.0-00 |
| Accessory 1 | Replacement filter mat FM 086 (3 pcs.) |
| Accessory 2 | Exit filter EF 118 |

## EXIT FILTER - SIZE 4

| Article number | Filter mat |
|---|---|
| 11803.0-00 | ISO coarse 55 % according to ISO 16890 (G3), grav. Initial gravimetric arrestance 57 % |

## TECHNICAL DRAWINGS




