

## FILTER FANS - OLD RANGE

FF 018

01800.0-00

FF 018 Fan, 97 x 97 mm, 21m<sup>3</sup>/h, 230V ac, 50Hz, IP54

- Quick installation
- Minimal installation depth
- Low noise level
- IP55 with F5/M5 filter mat



### PRODUCT DESCRIPTION

STEGO's filter fans have a special fan housing design so as to run as quietly as possible without sacrificing high airflow. Moreover, the location of the plates makes it especially difficult for water and dust to enter the cabinet.

Filters and fans can be changed from the outside of the cabinet; consequently, the unit does not need to be turned off during fan maintenance.

For optimal performance, the filter fan should be mounted at the lower edge of the cabinet. At the upper edge of the corresponding side, an exit cover with a filter should be mounted for evacuation of surplus air. The exit cover is the same as the fan housing and the cut-outs are also the same.

All filter fans are UL-approved and able to withstand the elements, including UV radiation.

## TECHNICAL DATA

### GENERAL DATA

Air capacity	21 m <sup>3</sup> /h
Air volume free blowing	21 m <sup>3</sup> /h
Air volume free blowing with G3 filter	16 m <sup>3</sup> /h
Number of fans	1
Sound level	31 dB

### DIMENSIONS

Width	129 mm
Height	134 mm
Depth	80 mm

<b>Behind panel depth</b>	45 mm
<b>Hole size</b>	97x97 mm
<b>Weight</b>	0.6 kg

## MATERIALS

<b>Colour</b>	Grey RAL 7035
<b>Material plastic housing</b>	Plastic
<b>Flammability class</b>	UL94-V0
<b>Materials fan</b>	Aluminium
<b>Material of rotor</b>	Plastic
<b>Filter grade</b>	94 %

## RATED OPERATING CONDITIONS

<b>Voltage max</b>	230 V ac
<b>Voltage min</b>	230 V ac
<b>Frequency</b>	50 Hz
<b>Power consumption</b>	13 W
<b>Life span</b>	50000 h
<b>Storage temperature</b>	-40°C ... +70°C
<b>Operational temperature</b>	-10°C ... +70°C
<b>Operating humidity</b>	< 90% RH
<b>Humidity storage</b>	<90% RH

## SAFETY AND APPROVALS

<b>IP class</b>	IP54, IP55
<b>Approvals</b>	CE, cULus, EAC, RoHS, UL, UL E234324, UV - UL746C (f1), VDE

