



## ROOF FILTER FAN

RFP

01860.0-00

RFP 018 Fan, 250 x 250 mm, 300m<sup>3</sup>/h, 230V ac, 50Hz, IP32



- Very low noise level
- Minimum depth of field
- Reliable with long service life
- Easy installation
- IP32

### PRODUCT DESCRIPTION

Filter fans for roof mounting are mainly used in the appliance cabinets where installed components emit a lot of heat, and the space does not allow side mounted fans.

Filter fan RFP018 is available in two different versions. With four separate fans or a larger fan. The advantage of four fans is that 75% of the fan capacity is left even if a fan should blow. In addition, this solution allows for a minimum depth of building. In cases where passive ventilation is sufficient, a roof mounted evacuation filter can be fitted. When changing the filter mat, this is easily done by lifting the lid without tools.

## TECHNICAL DATA

### GENERAL DATA

Air capacity	400 m <sup>3</sup> /h
Air volume free blowing	400 m <sup>3</sup> /h
Air volume free blowing with G3 filter	300 m <sup>3</sup> /h
Number of fans	4
Sound level	55 dB

### DIMENSIONS

Width	354 mm
Height	354 mm
Depth	125 mm
Behind panel depth	52 mm
Hole size	250x250 mm
Weight	3,3 kg

### MATERIALS

Colour	Light grey
Material plastic housing	Plastic

<b>Flammability class</b>	UL94-V0
<b>Materials fan</b>	Aluminium
<b>Material of rotor</b>	Plastic
<b>Filter grade</b>	85 %

## 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>	68 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>	IP32
<b>Approvals</b>	CE, EAC, RoHS, UL, UV - UL746C (f1), VDE

