



## ROOF FILTER FAN

RFP

01860.0-00

RFP 018 Fan, 250 x 250 mm, 300m³/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 m³/h |
| Air volume free blowing                | 400 m³/h |
| Air volume free blowing with G3 filter | 300 m³/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    |

|                    |           |
|--------------------|-----------|
| Flammability class | UL94-V0   |
| Materials fan      | Aluminium |
| Material of rotor  | Plastic   |
| Filter grade       | 85 %      |

### RATED OPERATING CONDITIONS

|                         |                 |
|-------------------------|-----------------|
| Voltage max             | 230 V ac        |
| Voltage min             | 230 V ac        |
| Frequency               | 50 Hz           |
| Power consumption       | 68 W            |
| Life span               | 50000 h         |
| Storage temperature     | -40°C ... +70°C |
| Operational temperature | -10°C ... +70°C |
| Operating humidity      | < 90% RH        |
| Humidity storage        | <90 % RH        |

### SAFETY AND APPROVALS

|           |  |
|-----------|--|
| IP class  | IP32                                     |
| Approvals | CE, EAC, RoHS, UL, UV - UL746C (f1), VDE |

