

## "FF12DN" SERIES FAN FILTERS

Description: **Fan Filter 24/48 Vd.c.**



### Type of material:

PC/ABS Alloy, PA 66 GF13 HSL for elastic clips

### Standard color:

RAL 7035, other colors on request

### Protection degree:

IP54, according to EN 60529 standard

### Fixing system:

by elastic clips, otherwise by four self-threading screws

### Plate thickness:

from 1 mm to 2.1 mm  
Type 12 according to UL 508 Std  
from -45°C to +75°C

### Storage temperature:

50,000 h

### Lifetime L10 at 25°C:

auto restart and polarity protection

### Motor protection:

### Electrical connection:

UL 1007 AWG24 lead wires

### Appliance class:

class III

### Type of filter media:

thermo-linked progressive structure synthetic fibre

### Filtering class:

class G3, according to EN 779

### Degree of separation:

85% - DIN 24185

### Dust retention capacity:

600 g/m<sup>2</sup>

### Note:

filter media is washable about 10 times

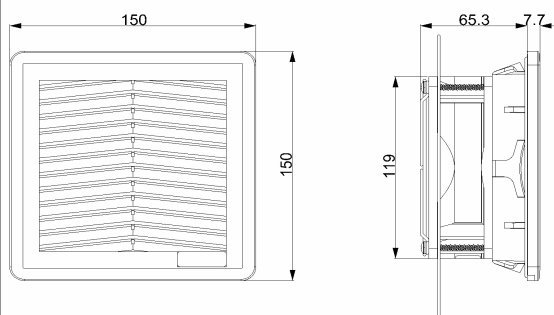
### Weight:

0.5 Kg

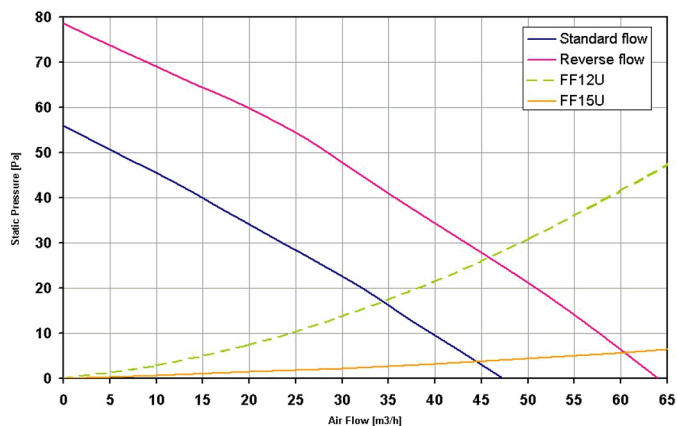
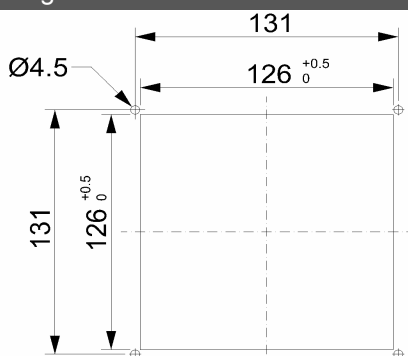
### Approvals:

CE, UL E223195 / UL E237844

### technical drawing



### mounting cut-out



| Model      | Voltage   | Frequency | Rated Current | Rated Power | Max Air Flow** | Static Pressure | Noise   | Rated Temp. Range | Approvals |
|------------|-----------|-----------|---------------|-------------|----------------|-----------------|---------|-------------------|-----------|
|            | (V)       | (Hz)      | (A)           | (W)         | (m3/h)         | (Pa)            | [db(A)] | (°C)              |           |
| FF12D24UN  | 24 V d.c. | -         | 0.310         | 7.4         | 47             | 56              | 48.0    | -10 ÷ +55         | CE; UR    |
| FF12D24UNR | 24 V d.c. | -         | 0.310         | 7.4         | 64             | 79              | 48.0    | -10 ÷ +55         | CE; UR    |
| FF12D48UN  | 48 V d.c. | -         | 0.180         | 8.6         | 47             | 56              | 48.0    | -10 ÷ +55         | CE; UR    |
| FF12D48UNR | 48 V d.c. | -         | 0.180         | 8.6         | 64             | 79              | 48.0    | -10 ÷ +55         | CE; UR    |

data with uncertainty of 15%

All specifications, data and drawing are subject to change without notice and are approximate. Please refer to our terms of sales including our warranty and limited liabilities clause