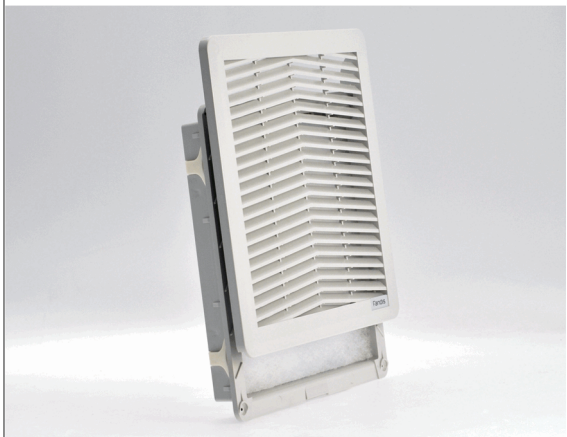


## "FF" SERIES FILTER UNITS

Description: **Filter**



**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 std  
Type 12 for FF12, FF15 and FF20, according to UL 508 Std

**Fixing system:**

by elastic clips, otherwise by four self-threading screws

**Plate thickness:**

FF08 from 1 mm to 2 mm, FF12 and FF13 from 1 mm to 2.1 mm, FF15 and FF20 from 1.5 mm to 2.5 mm

**Storage temperature:**

from -45°C to +75°C

**Filtering class:**

class G3, according to EN 779

**Degree of separation:**

85% - DIN 24185

**Dust retention capacity:**

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

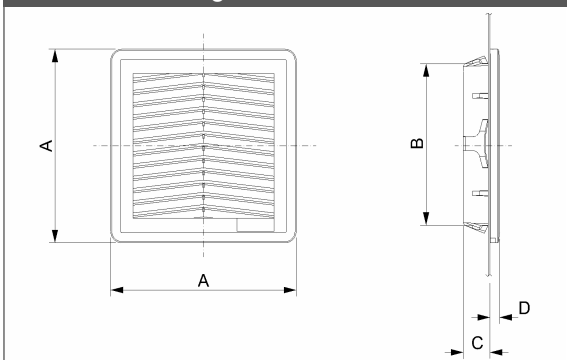
**Note:**

filter media is washable for about 10 times

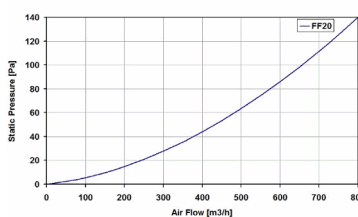
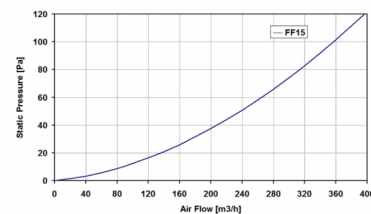
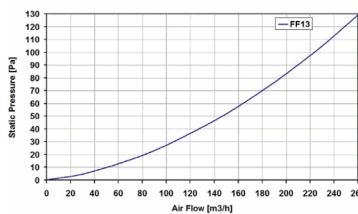
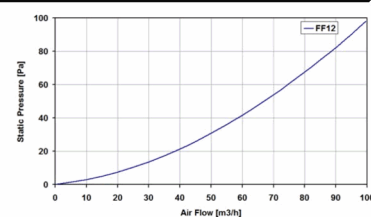
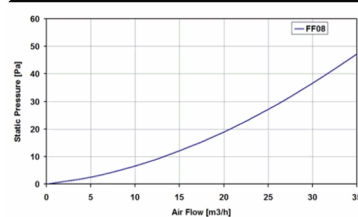
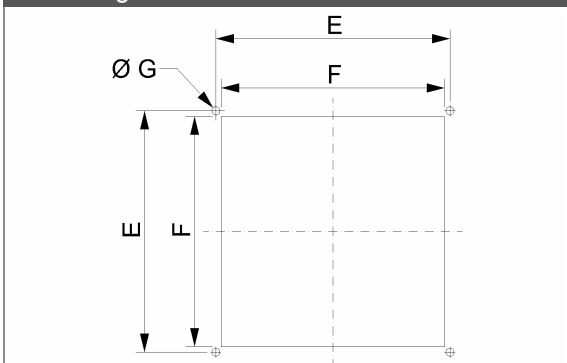
**Approvals:**

CE, UL E237844 for FF12, FF15 and FF20

### technical drawing



### mounting cut-out



| Model | A     | B    | C    | D    | E    | F                                  | G    | Cross section free without media | Weight | Approvals |
|-------|-------|------|------|------|------|------------------------------------|------|----------------------------------|--------|-----------|
|       | (mm)  | (mm) | (mm) | (mm) | (mm) | (mm)                               | (mm) | (cm <sup>2</sup> )               | (Kg)   |           |
| FF08U | 106.5 | 91.5 | 16.5 | 6.7  | 95   | 91.5 <sup>+1.5</sup> <sub>-0</sub> | 1.8  | 30                               | 0.07   | CE        |
| FF12U | 150   | 125  | 21.5 | 7.7  | 131  | 125 <sup>+1.5</sup> <sub>-0</sub>  | 4.5  | 59                               | 0.18   | CE; cURus |
| FF13U | 203.9 | 176  | 21.5 | 8    | 185  | 177 <sup>+1.5</sup> <sub>-0</sub>  | 4.5  | 134                              | 0.26   | CE        |
| FF15U | 250   | 223  | 24.9 | 8.9  | 230  | 223 <sup>+1.5</sup> <sub>-0</sub>  | 4.5  | 207                              | 0.42   | CE; cURus |
| FF20U | 325   | 291  | 24.5 | 9.5  | 302  | 291 <sup>+1.5</sup> <sub>-0</sub>  | 4.5  | 383                              | 0.60   | CE; cURus |

data with uncertainty of 15%

All specifications, data and drawing are subject to change without notice and are approximate.  
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