

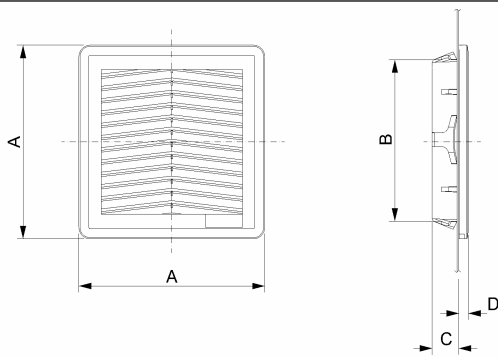
## "FF" SERIES FILTER UNITS

Description: **Filter IP55 Type 3R**

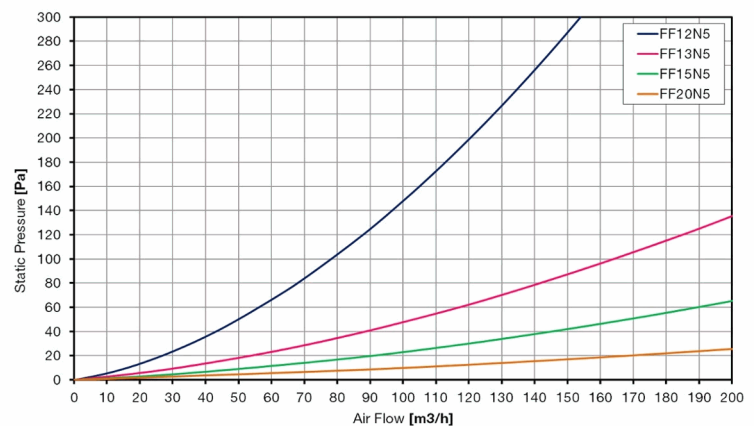
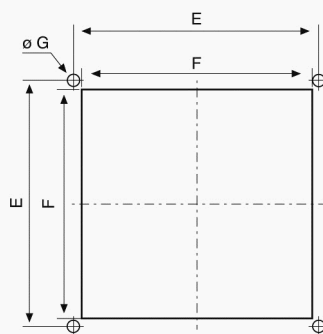


<b>Type of material:</b>	PBT glass reinforced suitable for outdoor use with respect to UV light and water exposure; PA 66 IGF13 HSL glass fiber reinforced for elastics clips
<b>Standard color:</b>	RAL 9005
<b>Protection degree:</b>	IP55, according to EN 60529 Std Type 3R, according to UL 508 Std
<b>Fixing system:</b>	by elastic clips
<b>Plate thickness:</b>	FF12 and FF13 from 1.3 to 3.2 mm, FF15 and FF20 from 1.3 to 3.7 mm (up to 4 mm with cut-out max tolerance)
<b>Rated temperature range:</b>	from -10°C to + 60°C
<b>Storage temperature:</b>	from -40°C to + 70°C
<b>Filtering class:</b>	class G4, according to EN 779
<b>Degree of separation:</b>	94% - DIN 24185
<b>Dust retention capacity:</b>	600 g/m <sup>2</sup>
<b>Note:</b>	filter media is washable for about 10 times
<b>Approvals:</b>	CE; UL E237844

### 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)	
FF12N53	150	125	21.5	7.7	131	125 <sup>+1.5</sup> <sub>0</sub>	4.5	59	0.18	CE; cURus
FF13N53	203.9	176	21.5	8	185	177 <sup>+1.5</sup> <sub>0</sub>	4.5	134	0.26	CE; cURus
FF15N53	250	223	24.9	8.9	230	223 <sup>+1.5</sup> <sub>0</sub>	4.5	207	0.42	CE; cURus
FF20N53	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%

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