

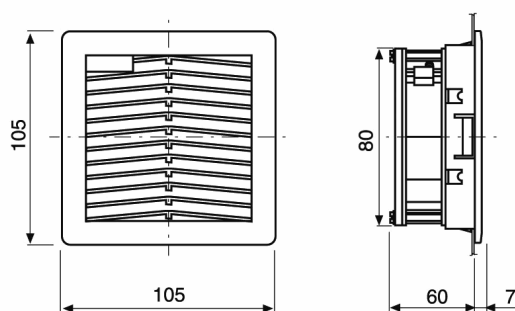
## "FPF08K" SERIES FAN FILTERS

Description: **Fan Filter 115/230 Va.c.**

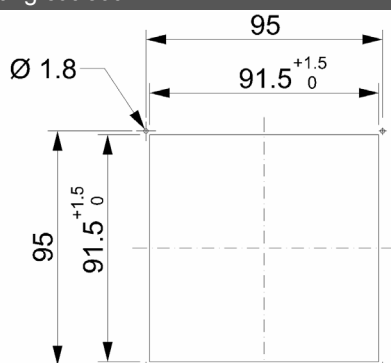


<b>Type of material:</b>	ABS/PC alloy
<b>Standard color:</b>	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
<b>Protection degree:</b>	IP54, according to EN 60529 Std; Type 12, according to UL 508 Std
<b>Fixing system:</b>	by elastic hooks, otherwise by four 2.2 mm self-threading screws
<b>Plate thickness:</b>	from 1.5 mm to 2.2 mm
<b>Storage temperature:</b>	from -40°C to +70°C
<b>Motor Lifetime L10 at 40°C:</b>	45,000 h
<b>Motor protection:</b>	impedance
<b>Electrical connection:</b>	by 2 wires L-N, 22 AWG, color black
<b>Earth connection:</b>	(by M4 thread hole on fan's casing)
<b>Appliance class:</b>	Class I
<b>Type of filter media:</b>	thermo-linked progressive structure
<b>Filtering class:</b>	class G3, according to EN 779
<b>Degree of separation:</b>	85% - 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>Weight:</b>	0.5 Kg
<b>Approvals:</b>	CE, UL E237844

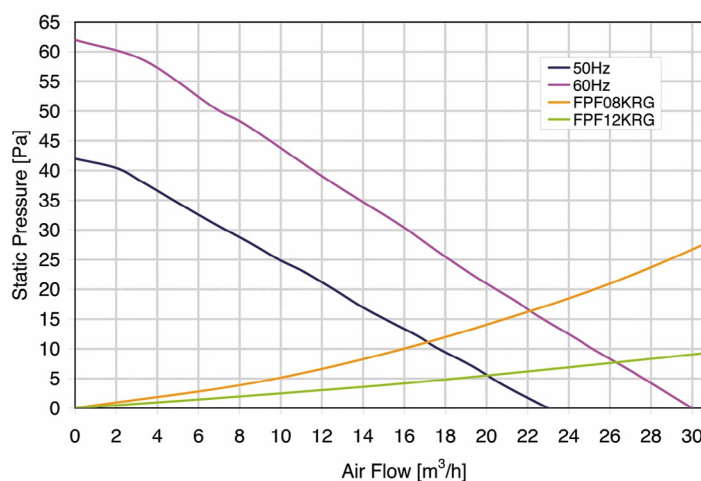
### technical drawing



### mounting cut-out



IP 54



Model	Voltage	Frequency	Rated Current	Rated Power	Max Air Flow**	Static Pressure	Fan Noise	Rated Temp. Range	Approvals
	(V)	(Hz)	(A)	(W)	(m3/h)	(Pa)	[db(A)]	(°C)	
FPF08K*115B-110	115 V a.c.	50/60	0.115/0.092	9.0/7.0	23/30	42/62	33.0/38.0	-10 ÷ +50	CE; cURus
FPF08KR115BR-110	115 V a.c.	50/60	0.115/0.092	9.0/7.0	23/20	42/62	33.0/38.0	-10 ÷ +50	CE; cURus
FPF08KU115BR-110	115 V a.c.	50/60	0.115/0.092	9.0/7.0	23/30	42/62	33.0/38.0	-10 ÷ +50	CE; cURus
FPF08K*230B-110	230 V a.c.	50/60	0.07/0.055	10/8.0	23/30	42/62	33.0/38.0	-10 ÷ +50	CE; cURus
FPF08K*230BR-110	230 V a.c.	50/60	0.07/0.055	10/8.0	23/30	42/62	32.0/36.0	-10 ÷ +50	CE; cURus

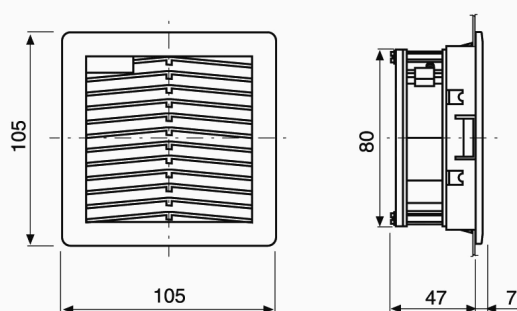
## "FPF08KD" SERIES FAN FILTERS

Description: **Fan Filter 12/24 Vd.c.**

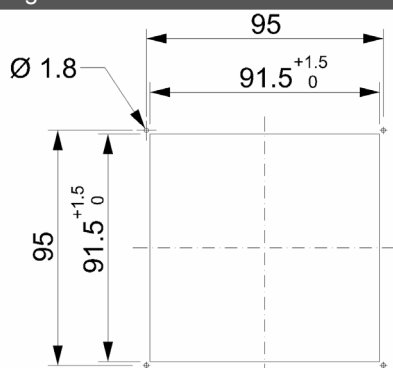


<b>Type of material:</b>	ABS/PC alloy
<b>Standard color:</b>	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
<b>Protection degree:</b>	IP54, according to EN 60529 Std
<b>Fixing system:</b>	by elastic hooks, otherwise by four 2.2 mm self-threading screws
<b>Plate thickness:</b>	from 1.5 mm to 2.2 mm
<b>Storage temperature:</b>	from -40°C to +70°C
<b>Motor Lifetime L10 at 40°C (approx.):</b>	70,000 h
<b>Motor protection:</b>	overcurrent, reverse polarity
<b>Electrical connection:</b>	by 2 wires +(red), -(black), 24 AWG
<b>Appliance class:</b>	Class III
<b>Type of filter media:</b>	thermo-linked progressive structure
<b>Filtering class:</b>	class G3, according to EN 779
<b>Degree of separation:</b>	85% - 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>Weight:</b>	0.3 Kg
<b>Approvals:</b>	CE, UL E237844

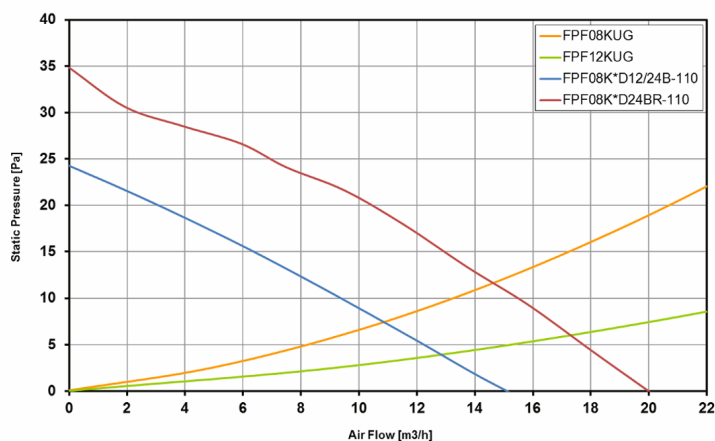
### technical drawing



### mounting cut-out



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Model	Voltage (V)	Frequency (Hz)	Rated Current (A)	Rated Power (W)	Max Air Flow** (m3/h)	Static Pressure (Pa)	Fan Noise [db(A)]	Rated Temp. Range (°C)	Approvals
FPF08KUD12B-110	12 V d.c.	-	0.183	2.2	15	24	32.5	-10 ÷ +70	CE
FPF08K*D24B-110	24 V d.c.	-	0.150	3.6	15	24	32.5	-10 ÷ +50	CE; cURus
FPF08K*D24BR-110	24 V d.c.	-	0.150	3.6	20	35	32.5	-10 ÷ +50	CE; cURus

\* U = RAL 7035 R = RAL 7032 N = RAL 9005 \*\*data with uncertainty of 15%

## "FPF" SERIES FILTER UNITS

Description: **Filter**



**Type of material:**

ABS/PC Alloy

**Standard color:**

RAL 7032, RAL 7035 and RAL 9005 - other colors on request

**Protection degree:**

IP54, according to EN 60529 standard  
Type 12, according to UL 508 standard

**Fixing system:**

by elastic hooks, otherwise by four self-threading screws

**Plate thickness:**

from 1.5 mm to 2.2 mm

**Storage temperature:**

from -40°C to + 70°C

**Filtering class:**

class G3, according to EN 779

**Degree of separation:**

85% - DIN 24185

**Dust retention capacity:**

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

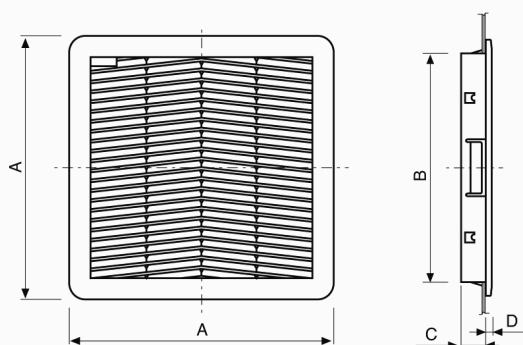
**Note:**

filter media is washable for about 10 times

**Approvals:**

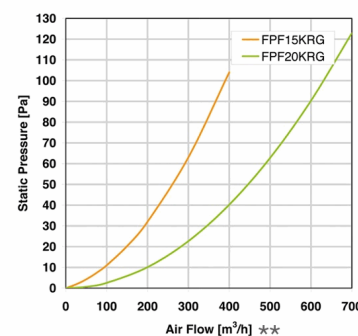
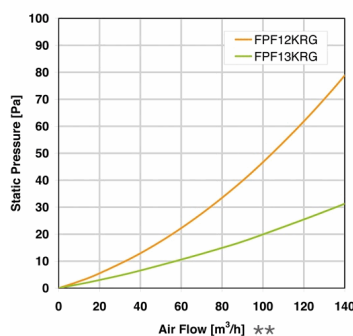
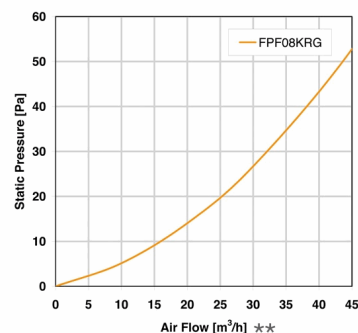
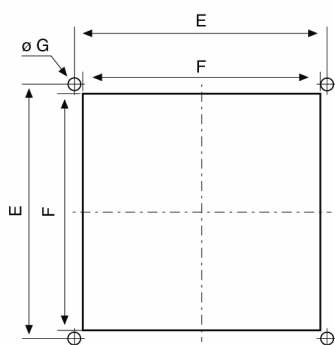
CE; UL E237844

## technical drawing



IP 54

## 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)	
FPF08K*G-101	105	91	14	7	95	91.5	1.8	27	0.09	CE; cURus
FPF12K*G-100	150	124	21	7	131	125	4.5	53	0.18	CE; cURus
FPF13K*G-100	204	175	20	8	185	177	4.5	121	0.35	CE; cURus
FPF15K*G-100	250	220	23	8	230	223	4.5	225	0.54	CE; cURus
FPF20K*G-100	325	288	24	9	302	291	4.5	317	0.848	CE; cURus

data with uncertainty of 15% \* U = RAL 7035 R = RAL 7032 N = RAL 9005