

fan filters

"FPF15KG" SERIES FAN FILTER

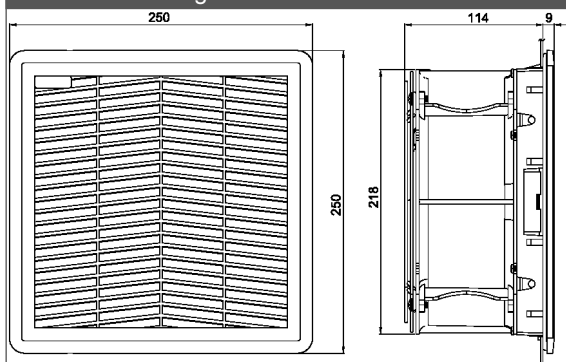
Description: **Fan Filter 115/230/400 Va.c.**



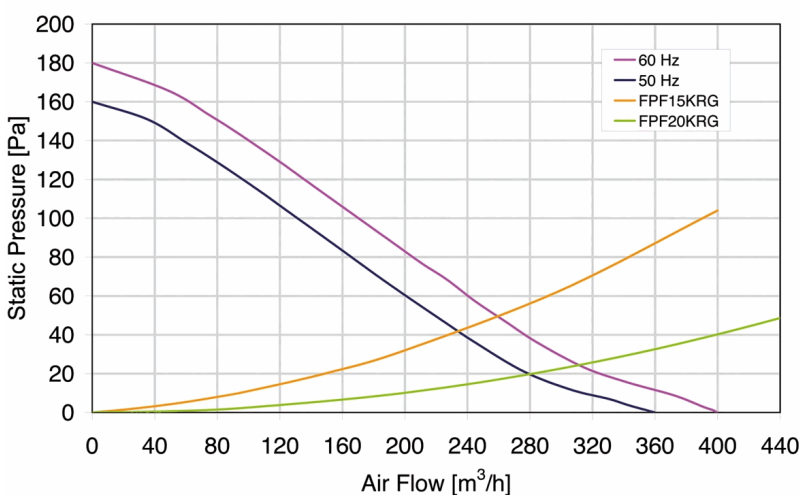
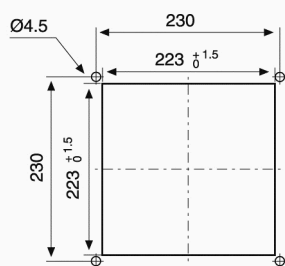
Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 Std Type 12, according to UL 508 Std
Fixing system:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -30°C to +75°C
Motor Lifetime L10 at 25°C:	70,000 h
Working class of capacitor:	class A
Motor protection:	thermal
Electrical connection:	by screwless terminal block 3 poles L-N-PE or 4 poles L1-L2-L3-PE, 2.5 mm ² (20 - 14 AWG)
Earth connection:	by PE pole
Appliance class:	Class I
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 ²
Note:	filter media is washable for about 10 times
Weight:	3.5 Kg
Approvals:	CE

IP 54

technical drawing



mounting cut-out



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)	
FPF15KG*115BE-120	115 V a.c.	50/60	0.54/0.65	50/64	360/400	160/180	66.0/69.2	-10 ÷ +55	CE
FPF15KG*115BER-120	115 V a.c.	50/60	0.54/0.65	50/64	360/400	160/180	66.0/69.2	-10 ÷ +55	CE
FPF15KG*230BE-120	230 V a.c.	50/60	0.300/0.382	67/87	360/400	160/180	63.3/68.1	-10 ÷ +50	CE
FPF15KG*230BER-120	230 V a.c.	50/60	0.300/0.382	67/87	360/400	160/180	63.3/68.1	-10 ÷ +50	CE
FPF15KG*400TBE-120	400 V a.c.	50/60	0.140/0.130	71/93	360/400	160/180	69.8/72.7	-10 ÷ +55	CE
FPF15KGU400TBER-120	400 V a.c.	50/60	0.140/0.130	71/93	360/400	160/180	69.8/72.7	-10 ÷ +55	CE

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

Buy Online

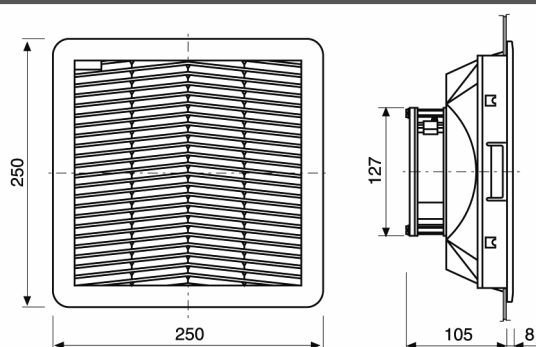
"FPF15KM" SERIES FAN FILTERS

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

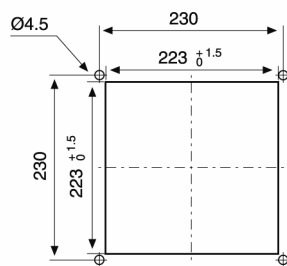


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 Std Type 12, according to UL 508 Std
Fixing system:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -40°C to +70°C
Motor Lifetime L10 at 40°C:	45,000 h
Motor protection:	impedance
Electrical connection:	by terminal block 3 poles L-N-PE, 2.5 mm² (12 AWG)
Earth connection:	by PE pole
Appliance class:	Class I
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/m²
Note:	filter media is washable for about 10 times
Weight:	1.4 Kg
Approvals:	CE, UL E237844

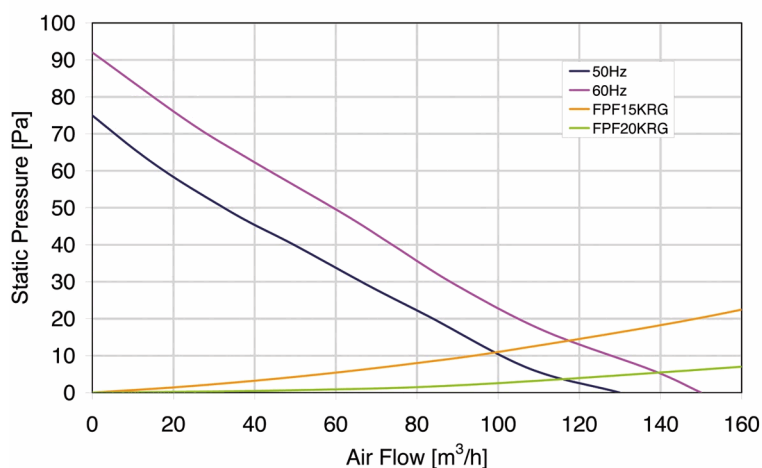
technical drawing



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)	
FPF15KM*115BE-110	115 V a.c.	50/60	0.200/0.160	14/12	130/150	75/92	46.0/50.0	-10 ÷ +50	CE; cURus
FPF15KMR115BER-110	115 V a.c.	50/60	0.200/0.160	14/12	130/150	75/92	46.0/50.0	-10 ÷ +50	CE; cURus
FPF15KM*230BE-110	230 V a.c.	50/60	0.100/0.090	23/21	130/150	75/92	46.0/50.0	-10 ÷ +50	CE; cURus
FPF15KM*230BER-110	230 V a.c.	50/60	0.100/0.090	23/21	130/150	75/92	46.0/50.0	-10 ÷ +50	CE; cURus

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

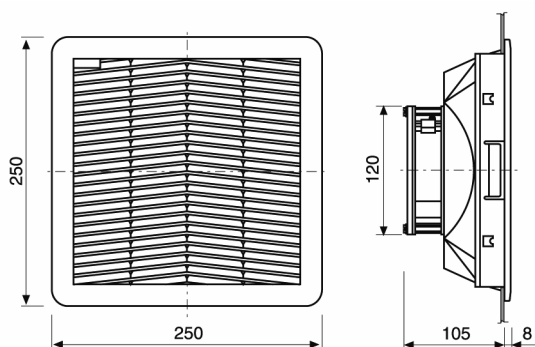
"FPF15KP" SERIES FAN FILTERS

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

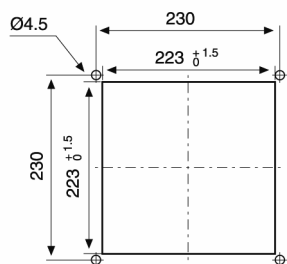


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 Std Type 12, according to UL 508 Std
Fixing system:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -40°C to +70°C
Motor Lifetime L10 at 40°C:	45,000 h
Motor protection:	impedance
Electrical connection:	by terminal block 3 poles L-N-PE, 2.5 mm² (12 AWG)
Earth connection:	by PE pole
Appliance class:	Class I
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/m²
Note:	filter media is washable for about 10 times
Weight:	1.4 Kg
Approvals:	CE, UL E237844

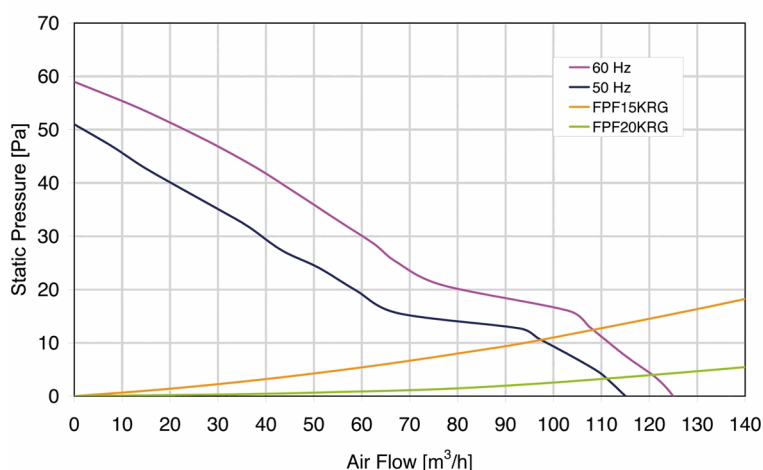
technical drawing



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)	
FPF15KPR115BE-110	115 V a.c.	50/60	0.210/0.180	20/18	115/125	51/59	46.0/50.0	-10 ÷ +50	CE; cURus
FPF15KPR115BER-110	115 V a.c.	50/60	0.210/0.180	20/18	115/125	51/59	46.0/50.0	-10 ÷ +50	CE; cURus
FPF15KP*230BE-110	230 V a.c.	50/60	0.125/0.110	20/19	115/125	51/59	46.0/50.0	-10 ÷ +50	CE; cURus
FPF15KP*230BER-110	230 V a.c.	50/60	0.125/0.110	20/19	115/125	51/59	46.0/50.0	-10 ÷ +50	CE; cURus

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

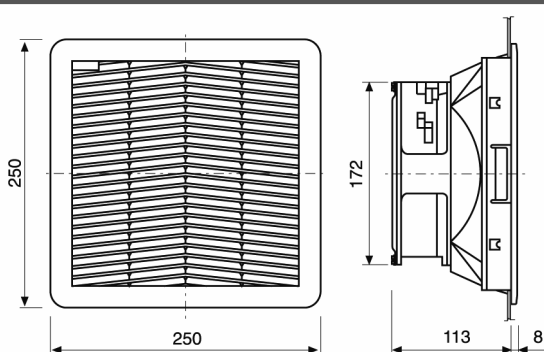
"FPF15K" SERIES FAN FILTERS

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

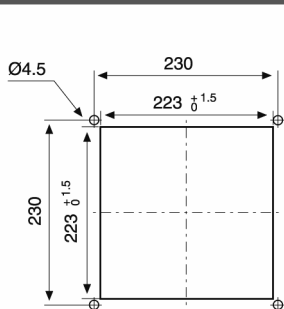


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 Std Type 12, according to UL 508 Std
Fixing system:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -40°C to +70°C
Motor Lifetime L10 at 40°C:	45,000 h
Motor protection:	thermal
Electrical connection:	by terminal block 3 poles L-N-PE, 2.5 mm² (12 AWG)
Earth connection:	by PE pole
Appliance class:	Class I
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/m²
Note:	filter media is washable for about 10 times
Weight:	1.7Kg
Approvals:	CE, UL E237844

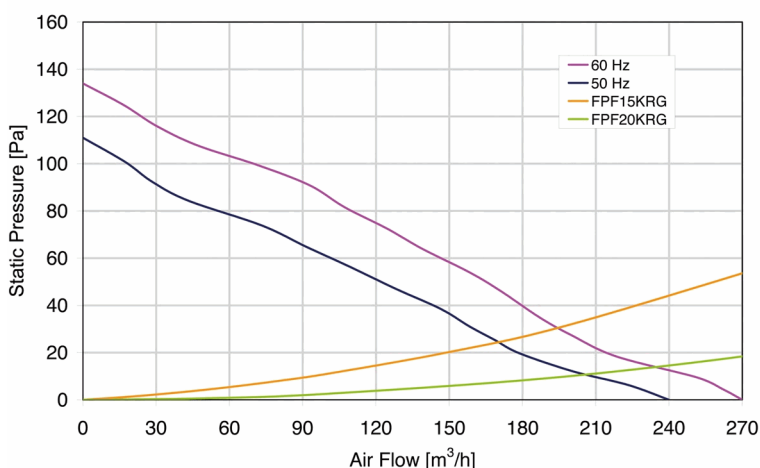
technical drawing



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)	
FPF15K*115BE-110	115 V a.c.	50/60	0.265/0.274	30/30	240/270	111/134	50.0/55.0	-10 ÷ +50	CE; cURus
FPF15K*115BER-110	115 V a.c.	50/60	0.265/0.274	30/30	240/270	111/134	50.0/55.0	-10 ÷ +50	CE; cURus
FPF15K*230BE-110	230 V a.c.	50/60	0.132/0.130	29/29	240/270	111/134	50.0/55.0	-10 ÷ +50	CE; cURus
FPF15K*230BER-110	230 V a.c.	50/60	0.132/0.130	29/29	240/270	111/134	50.0/55.0	-10 ÷ +50	CE; cURus

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

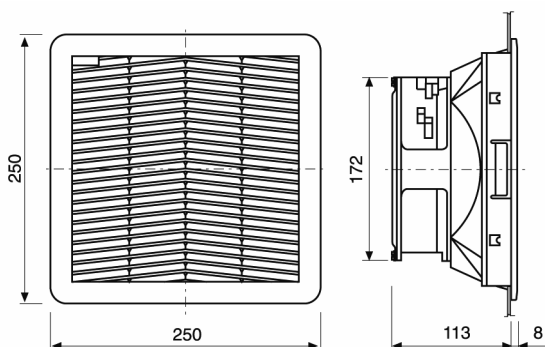
"FPF15KD" SERIES FAN FILTERS

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

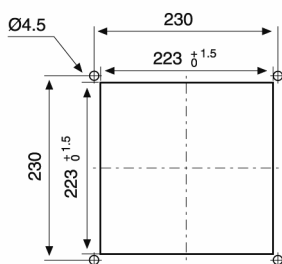


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 Std Type 12, according to UL 508 Std
Fixing system:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -40°C to +70°C
Motor Lifetime L10 at 40°C (approx.):	70,000 h
Motor protection:	overcurrent, reverse polarity
Electrical connection:	by terminal block 2 poles +, - 2.5 mm ² (12 AWG)
Earth connection:	by M4 thread hole fan's casing
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 ²
Note:	filter media is washable for about 10 times
Weight:	1.6 Kg
Approvals:	CE, UL E237844

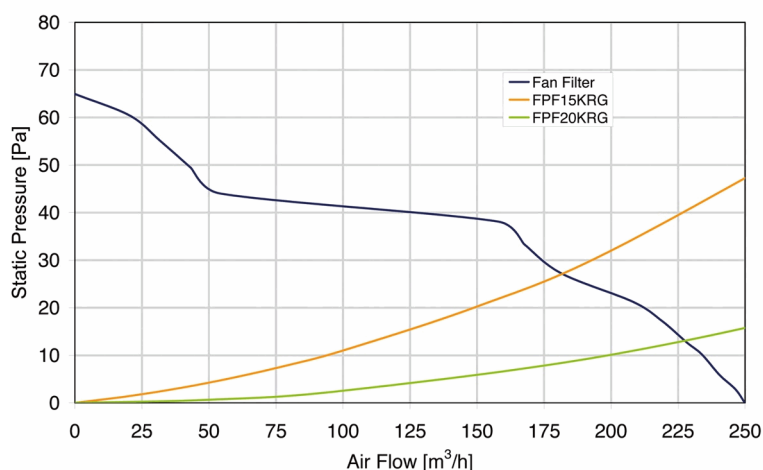
technical drawing



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)	
FPF15K*D24B-110	24 V d.c.	-	0.95	23	250	65	64.0	-10 ÷ +50	CE; cURus
FPF15KRD24BR-110	24 V d.c.	-	0.95	23	250	65	64.0	-10 ÷ +50	CE; cURus
FPF15K*D48B-110	48 V d.c.	-	0.370	18	250	65	60.0	-10 ÷ +55	CE

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FPF15KPR115BER-110

| standard with fan



FPF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. These units have a flat external profile and a quick snap-on fastening system with elastic hooks. Available in different range of sizes, airflow ratings and configurations.

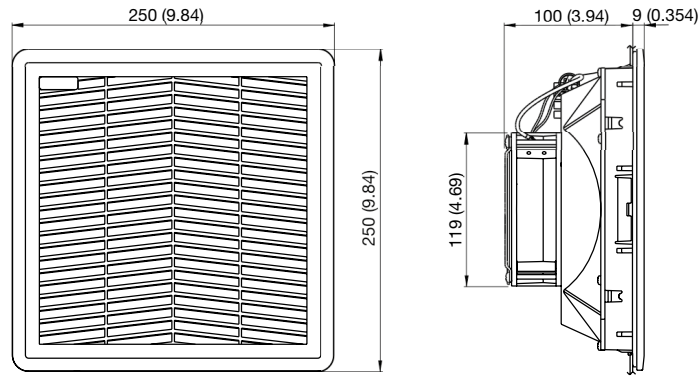
Technical data		
APPROVALS		
Approvals	CE; cURus; UKCA	
PERFORMANCE		
Max Airflow	115/125 68/74	m³/h CFM
Max Static Pressure	51/59 0.20/0.24	Pa in H2O
ELECTRICAL DATA		
Rated Voltage	115	V a.c.
Rated Current	0.21/0.18	A
Rated Power	20/18	W
Operating Voltage	85-125	V a.c.
Frequency	50/60	Hz
Appliance Class	I	
Motor Protection	Impedance Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.5-2.2 0.06-0.09	mm in
GENERIC DATA		
RAL Number	7032	
Airflow Direction	Reverse	
Electrical Connection	Terminal Block	

Technical data		
Life Expectancy	40000 40000	h at 40 °C h at 104 °F
Wires Section	1-2.5	mm²
Wires Section	18-12	AWG
Fan Noise	46/50	dB(A)
Filter Class	G3	EN 779
Filter Class	ISO coarse 55%	ISO 16890
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-10÷50	°C
	14÷122	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F
UL DATA		
UL File Number Recognized Component	E237844	
UL Environmental Type Rating	Type 12	
UL Ambient Temperature	50	°C
	122	°F

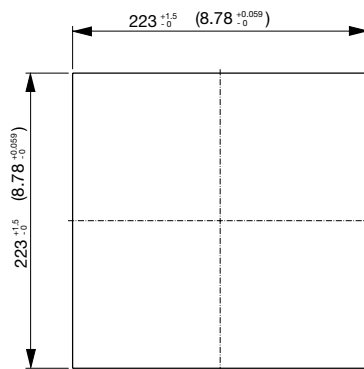
FPF15KPR115BER-110

standard with fan

Technical drawing mm (in)



Mounting cut-out mm (in)



FPF15KPRD24BR-110

standard with fan



FPF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. These units have a flat external profile and a quick snap-on fastening system with elastic hooks. Available in different range of sizes, airflow ratings and configurations.

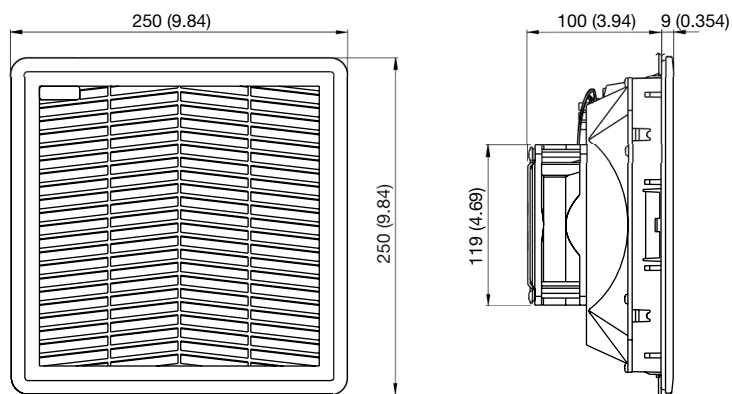
Technical data		
APPROVALS		
Approvals	CE; cURus; UKCA	
PERFORMANCE		
Max Airflow	145	m³/h
	85	CFM
Max Static Pressure	76	Pa
	0.31	in H2O
ELECTRICAL DATA		
Rated Voltage	24	V d.c.
Rated Current	0.4	A
Rated Power	9.6	W
Operating Voltage	10-26.7	V d.c.
Motor Protection	Electronically Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.5-2.2	mm
	0.06-0.09	in
GENERIC DATA		
RAL Number	7032	
Airflow Direction	Reverse	
Electrical Connection	Terminal Block	
Life Expectancy	50000	h at 25 °C
	50000	h at 77 °F

Technical data		
Wires Section	1-2.5	mm²
Wires Section	18-12	AWG
Fan Noise	42.5	dB(A)
Filter Class	G3	EN 779
Filter Class	ISO coarse 55%	ISO 16890
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-10÷50	°C
	14÷122	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F
UL DATA		
UL File Number Recognized Component	E237844	
UL Environmental Type Rating	Type 12	
UL Ambient Temperature	50	°C
	122	°F

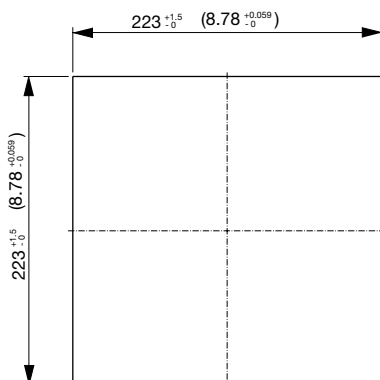
FPF15KPRD24BR-110

standard with fan

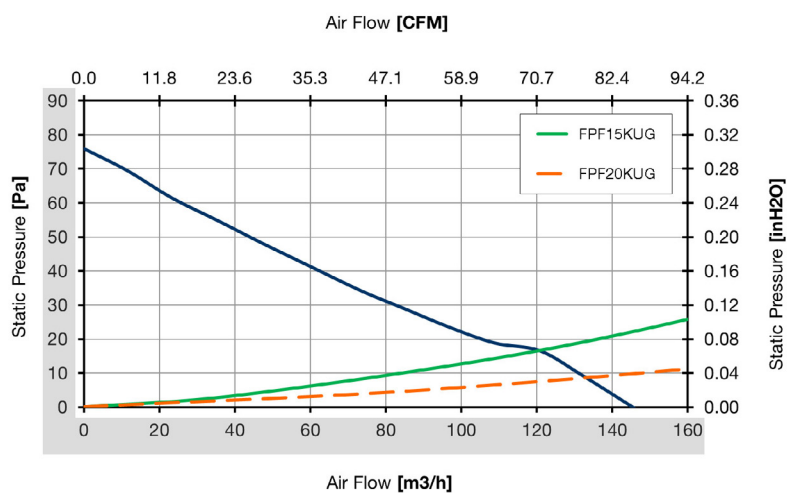
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FPF15KPRD48BR-110

standard with fan



FPF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. These units have a flat external profile and a quick snap-on fastening system with elastic hooks. Available in different range of sizes, airflow ratings and configurations.

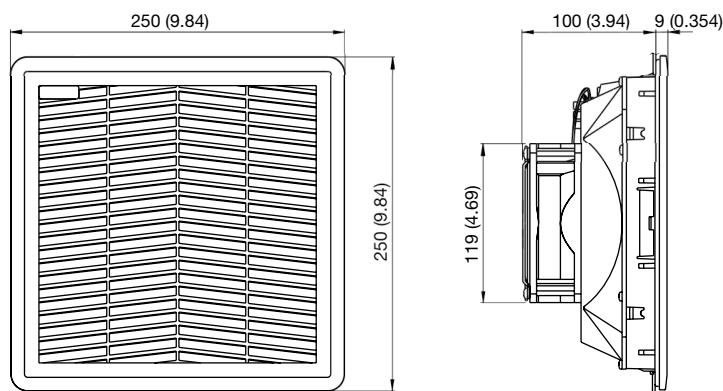
Technical data		
APPROVALS		
Approvals	CE; UKCA	
PERFORMANCE		
Max Airflow	145	m³/h
	85	CFM
Max Static Pressure	76	Pa
	0.31	in H2O
ELECTRICAL DATA		
Rated Voltage	48	V d.c.
Rated Current	0.16	A
Rated Power	7.7	W
Operating Voltage	25-55.2	V d.c.
Motor Protection	Electronically Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.5-2.2	mm
	0.06-0.09	in
GENERIC DATA		
RAL Number	7032	
Airflow Direction	Reverse	
Electrical Connection	Terminal Block	
Life Expectancy	50000	h at 25 °C
	50000	h at 77 °F

Technical data		
Wires Section	1-2.5	mm²
Wires Section	18-12	AWG
Fan Noise	42.5	dB(A)
Filter Class	G3	EN 779
Filter Class	ISO coarse 55%	ISO 16890
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-10÷55	°C
	14÷131	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F

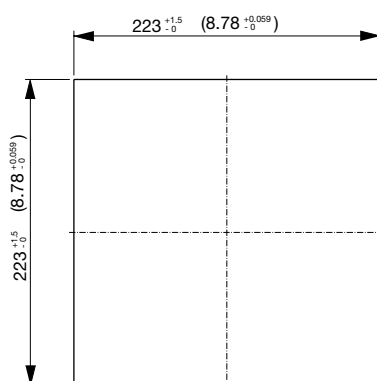
FPF15KPRD48BR-110

standard with fan

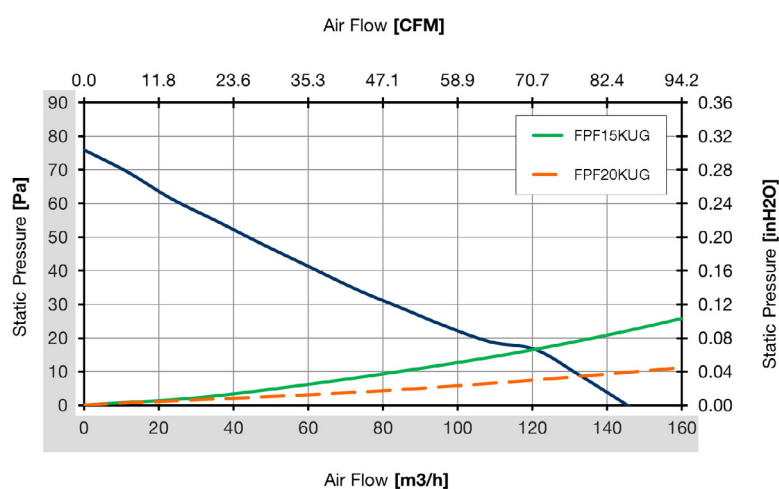
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



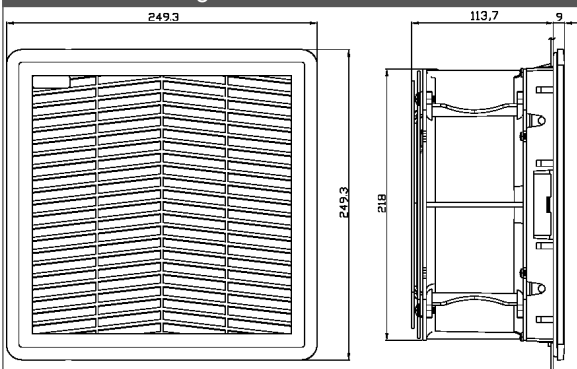
"FPF15KEG 120" SERIES FAN FILTERS

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

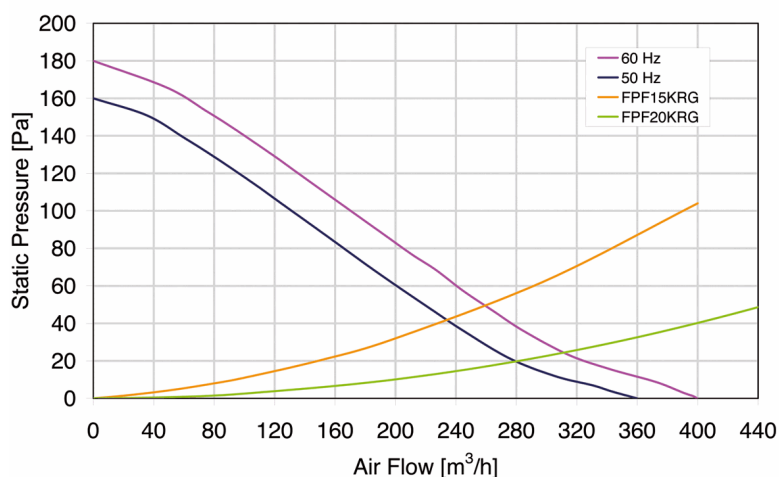
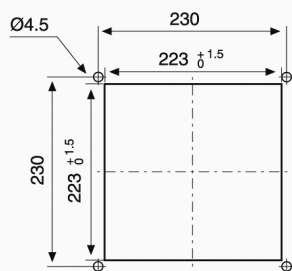


Type of material:	ABS/PC alloy
Standard color:	RAL7035 - other colors on request
Protection degree:	IP54, according to EN 60529 Std Type 12, according to UL 508 Std by elastic hooks, otherwise by four 4.8 mm self-threading screws
Fixing system:	
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -30°C to +75°C
Motor Lifetime L10 at 40°C (approx.):	20,000 h
Motor protection:	thermal
Electrical connection:	by terminal block 3 poles L-N-PE
Earth connection:	(by terminal block, PE pole)
Appliance class:	Class I
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 ²
Note:	filter media is washable for about 10 times
Weight:	3.1 kg
Approvals:	CE

technical drawing



mounting cut-out



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)	
FPF15KEGU230BE-120	230 V a.c.	50/60	0.292/0.358	68/82	360/400	160/180	61.0/63.0	-10 ÷ +40	CE

*data with uncertainty of 15%

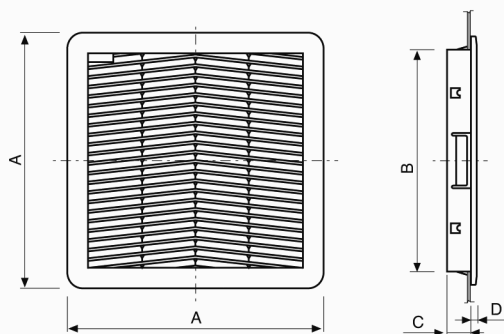
"FPF" SERIES FILTER UNITS

Description: **Filter**

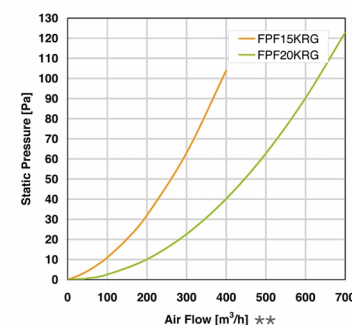
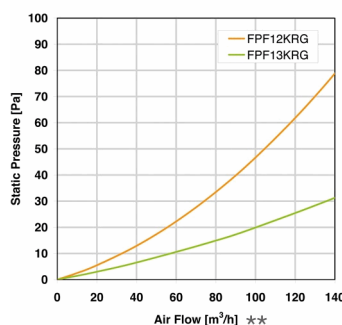
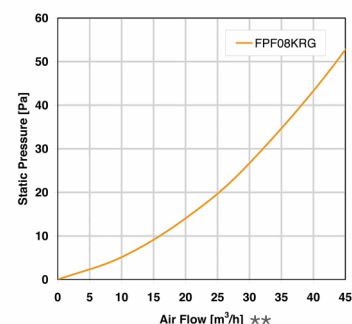
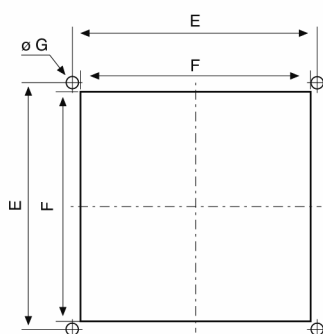


Type of material:	ABS/PC Alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 standard Type 12, according to UL 508 standard
Fixing system:	by elastic hooks, otherwise by four self-threading screws
Plate thickness:	from 1.5 mm 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 ²
Note:	filter media is washable for about 10 times
Approvals:	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 ²)	(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

FPF15KUGC-110

EMC version without fan



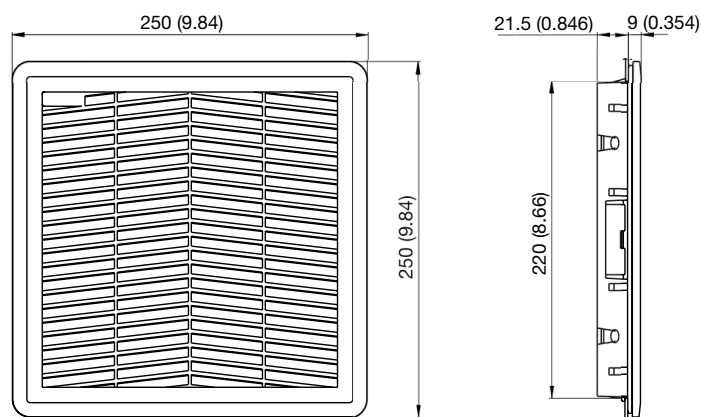
FPF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. These units have a flat external profile and a quick snap-on fastening system with elastic hooks. Available in different range of sizes, airflow ratings and configurations.

Technical data		
APPROVALS		
Approvals	CE; UKCA	
MECHANICAL DATA		
Mounting Wall Thickness	1.5-2.2 0.06-0.09	mm in
GENERIC DATA		
Spare Parts Filter Media	M15FPF-EU3	
RAL Number	7035	
Filter Class	G3	EN 779
Filter Class	ISO coarse 55%	ISO 16890
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-10÷60	°C
	14÷140	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F

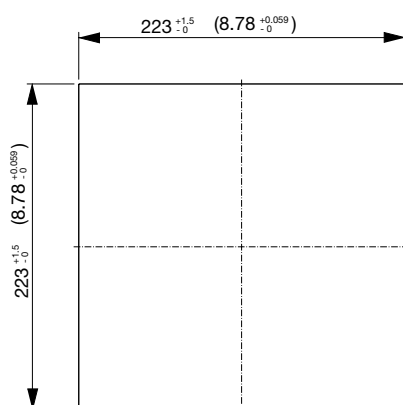
FPF15KUGC-110

EMC version without fan

Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance

