

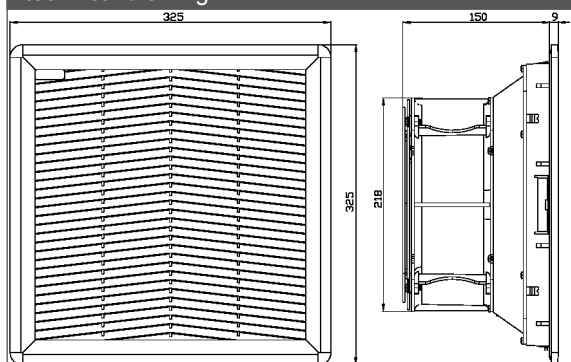
"FPF20KE 120" SERIES FAN FILTERS

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

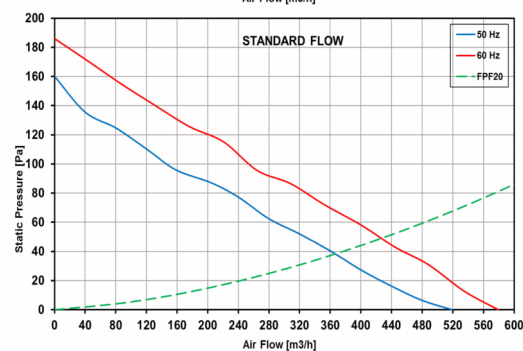
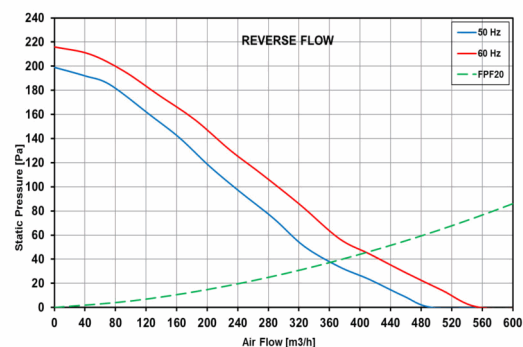
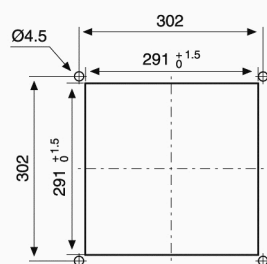


Type of material:	ABS/PC alloy
Standard color:	RAL 7035 - other colors on request
Protection degree:	IP54, according to EN 60529 standard Type 12, according to UL 508 Std
Fixing method:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -30°C to +75°C
Lifetime L10 at 40°C:	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:	3.8 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)	
FPF20KEU230BE-120	230 V a.c.	50/60	0.301/0.370	69/85	520/580	160/186	61.0/63.0	-10 ÷ +40	CE
FPF20KEU230BER-120	230 V a.c.	50/60	0.318/0.382	74/87	560/630	199/216	61.0/63.0	-10 ÷ +40	CE

* data with uncertainty of 15%

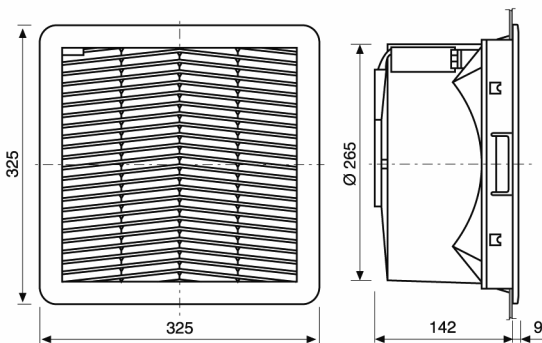
"FPF20KG B" SERIES FAN FILTERS

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

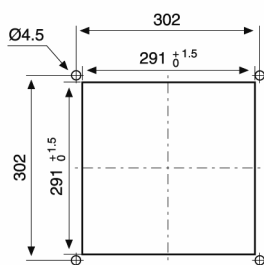


Type of material:	ABS/PC alk
Standard color:	RAL 7032, I colors on re
Protection degree:	IP54, according to EN60529 standard
Fixing method:	by elastichooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -30°C to +70°C
Motor Lifetime L10 at 25°C:	53,000 h 50Hz and 78,000 h 60 Hz for 115V; 57,500 h 50Hz and 70,000 h 60 Hz for 230V; 80,000 h 50/60Hz for 400V)
Working class of capacitor:	class B
Motor protection:	thermal
Electrical connection:	by terminal block 3 poles L-N-PE or 4 poles L1-L2-L3-PE, 2.5 mm ² (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/m ²
Note:	filter media is washable for about 10 times
Weight:	3.70 kg
Approvals:	CE

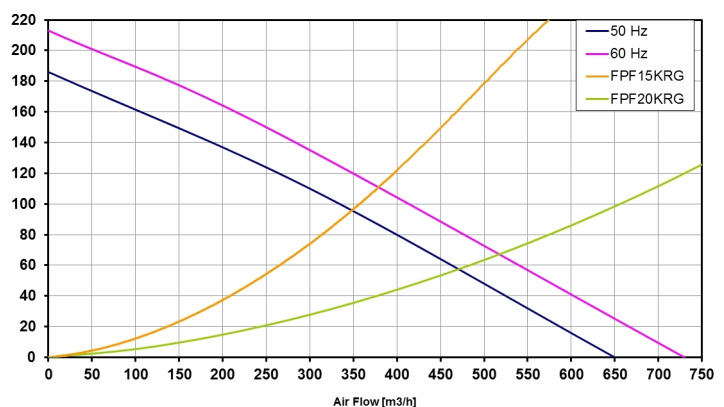
technical drawing



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)	
FPF20KG*115B-110	115 V a.c.	50/60	1.2/1.2	120/135	650/730	186/213	64.6/67.4	-10 ÷ +55	CE
FPF20KG*115BR-110	115 V a.c.	50/60	1.2/1.2	120/135	650/730	186/213	74.7/78.9	-10 ÷ +55	CE
FPF20KG*230B-110	230 V a.c.	50/60	0.62/0.81	140/185	650/730	186/213	67.6/70.6	-10 ÷ +55	CE
FPF20KG*230BR-110	230 V a.c.	50/60	0.460/0.64	106/147	650/730	186/213	74.8/79.0	-10 ÷ +50	CE
FPF20KG*400TB-110	400 V a.c.	50/60	0.180/0.200	93/123	650/730	186/213	76.0/79.0	-10 ÷ +55	CE

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

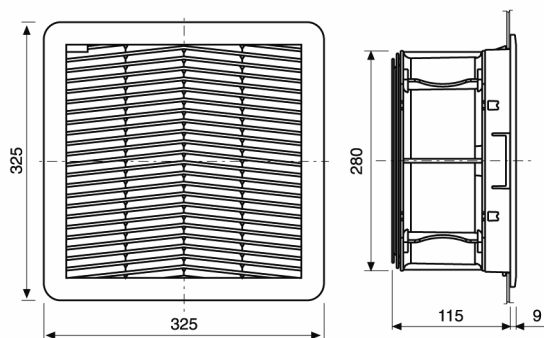
"FPF20KG BE" SERIES FAN FILTERS

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

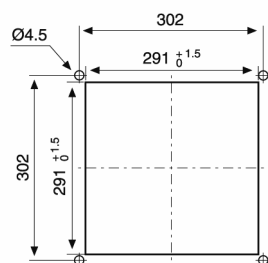


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 standard
Fixing method:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -30°C to +75°C
Motor Lifetime L10 at 40°C (approx.):	50,000 h for 115 V and 230 V; 80,000 h for 400 V
Working class of capacitor:	class B
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:	3.7 kg
Approvals:	CE

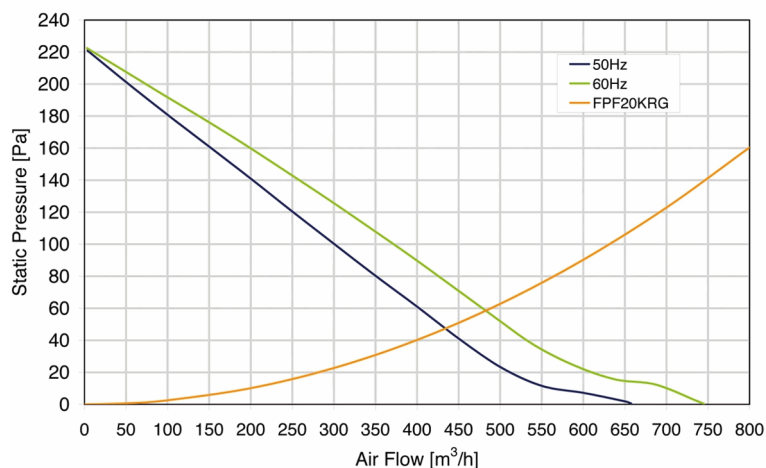
technical drawing



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)	
FPF20KG*115BE-120	115 V a.c.	50/60	0.96/1.3	107/143	660/745	220/222	74.7/78.9	-10 ÷ +55	CE
FPF20KG*115BER-120	115 V a.c.	50/60	0.96/1.3	107/143	660/745	220/222	74.7/78.9	-10 ÷ +55	CE
FPF20KG*230BE-120	230 V a.c.	50/60	0.50/0.72	111/140	660/745	220/222	72.8/75.8	-10 ÷ +55	CE
FPF20KG*230BER-120	230 V a.c.	50/60	0.50/0.72	111/140	660/745	220/222	72.8/75.8	-10 ÷ +55	CE
FPF20KGR400TBER-120	400 V a.c.	50/60	0.180/0.200	93/123	660/745	220/222	76.0/79.0	-10 ÷ +55	CE

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

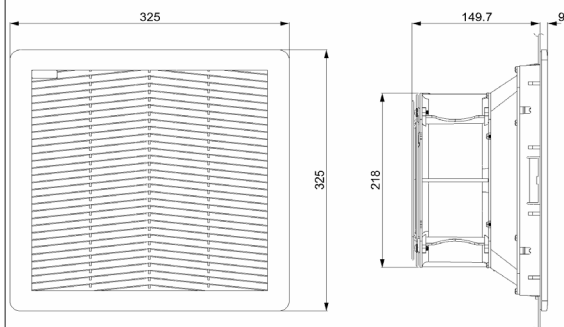
"FPF20K" SERIES FAN FILTERS

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

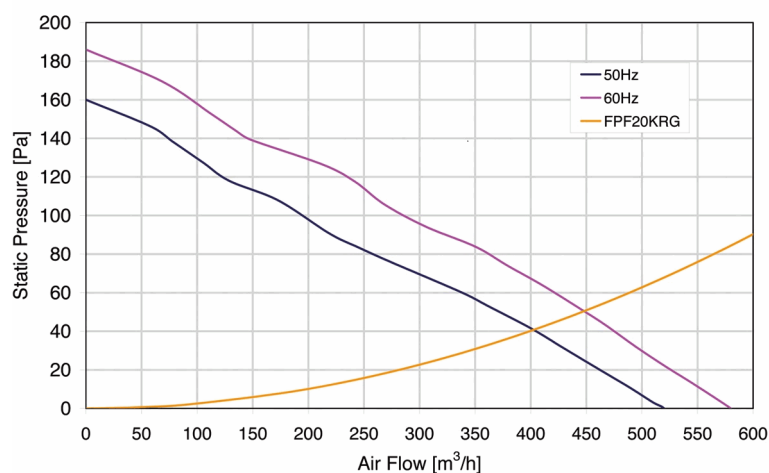
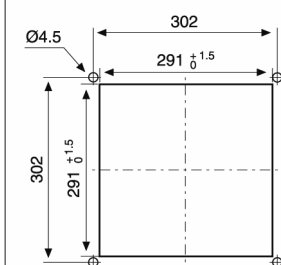


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 standard
Fixing method:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	from -30°C to +75°C
Motor Lifetime L10 at 40°C (approx.):	50,000 h
Working class of capacitor:	class B
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:	3.7 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)	
FPF20K*115BE-120	115 V a.c.	50/60	0.54/0.65	50/64	520/580	160/186	66.0/69.2	-10 ÷ +55	CE
FPF20K*115BER-120	115 V a.c.	50/60	0.54/0.65	50/64	520/580	160/186	66.0/69.2	-10 ÷ +55	CE
FPF20K*230BE-120	230 V a.c.	50/60	0.335/0.405	77/92	520/580	160/186	65.3/68.1	-10 ÷ +50	CE
FPF20K*230BER-120	230 V a.c.	50/60	0.300/0.382	67/87	520/580	160/186	65.3/68.1	-10 ÷ +50	CE
FPF20K*400TBE-120	400 V a.c.	50/60	0.140/0.130	71/93	520/580	160/186	69.8/72.7	-10 ÷ +55	CE
FPF20KR400TBER-120	400 V a.c.	50/60	0.140/0.130	71/93	520/580	160/186	69.8/72.7	-10 ÷ +55	CE

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