

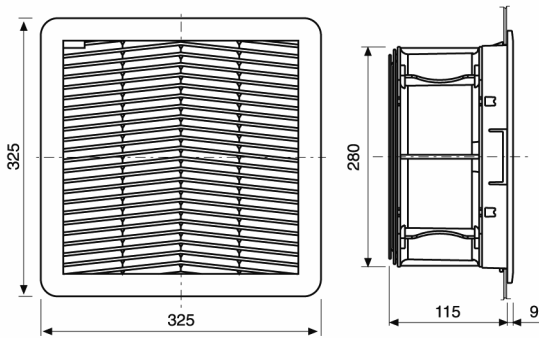
"FPF20KG BE" SERIES FAN FILTERS

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

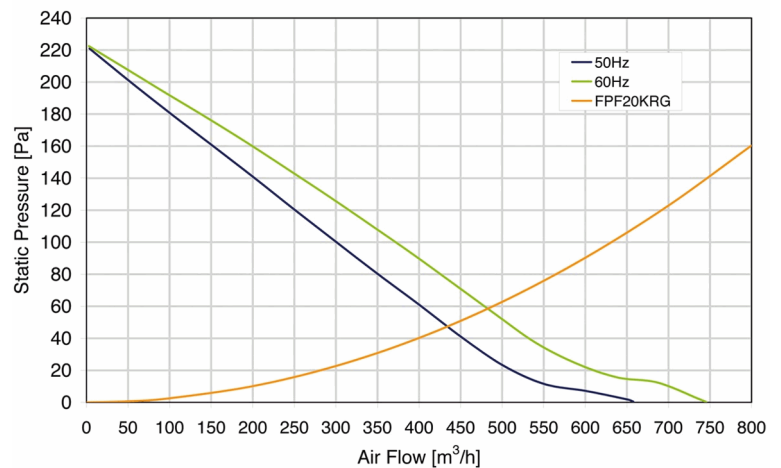
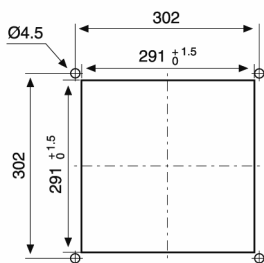


Type of material:	ABS/PC alloy
Standard color:	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
Protection degree:	IP54, according to EN 60529 standard
Fixing method:	by elastic hooks, otherwise by four 4.8 mm self-threading screws
Plate thickness:	from 1.5 mm to 2.2 mm
Storage temperature:	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



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%