

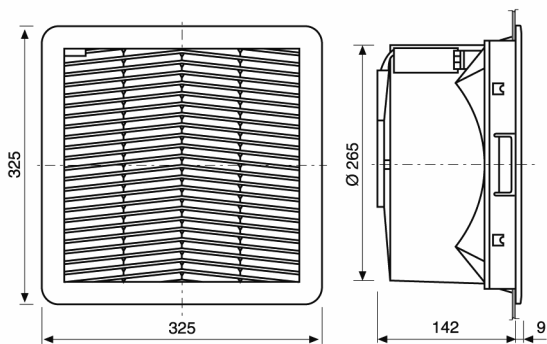
**"FPF20KG B" SERIES FAN FILTERS**

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

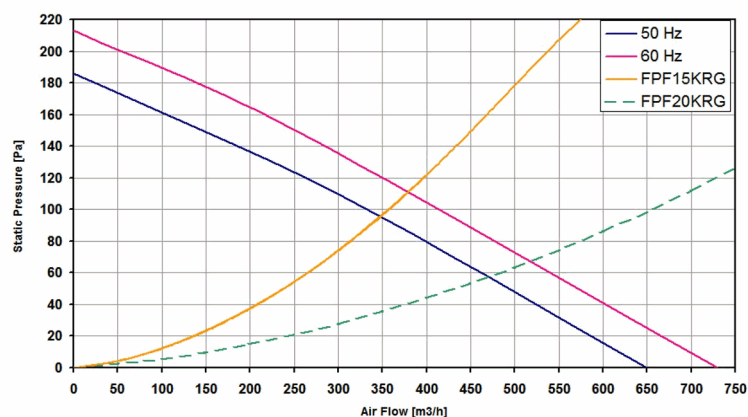
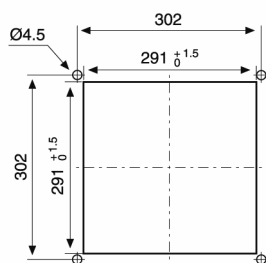


<b>Type of material:</b>	ABS/PC alloy
<b>Standard color:</b>	RAL 7032, RAL 7035 and RAL 9005 - other colors on request
<b>Protection degree:</b>	IP54, according to EN60529 standard
<b>Fixing method:</b>	by elasticsearchs, otherwise by four 4.8 mm self-threading screws
<b>Plate thickness:</b>	from 1.5 mm to 2.2 mm
<b>Storage temperature:</b>	from -30°C to +70°C
<b>Motor Lifetime L10 at 25°C:</b>	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)
<b>Working class of capacitor:</b>	class B
<b>Motor protection:</b>	thermal
<b>Electrical connection:</b>	by terminal block 3 poles L-N-PE or 4 poles L1-L2-L3-PE
<b>Earth connection:</b>	(by terminal block, PE pole)
<b>Appliance class:</b>	Class I
<b>Type of filter media:</b>	thermo-linked progressive structure synthetic fibre
<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>	3.70 kg
<b>Approvals:</b>	CE

**technical drawing**



**mounting cut-out**



All specifications, data and drawing are subject to change without notice and are approximate. Please refer to our terms of sales including our warranty and limited liabilities clauses.

Model	Voltage	Frequency	Rated Current	Rated Power	Max Air Flow**	Static Pressure	Fan Noise	Rated Temp. Range	Approvals
	(V)	(Hz)	(A)	(W)	(m <sup>3</sup> /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%