

Filterfans - Model PF IP 55



Filterfans in the PF range set the pace in terms of technology and power. TÜV-tested with distinction. So they provide values you can count on. Designed for a wide, universal range of applications in electronic and traditional switchgear engineering.

- for outdoor applications
- with integrated foamed seal to enclosure



System of protection



Click and fit!



Installation without tools



UV resistant

Airflow data	PF 2.000	PF 2.500	PF 3.000	PF 5.000	PF 6.000	PF 7.000
Filter mat	350 g/m ² und 150 g/m ²					
Unimpeded airflow	28 m ³ /h; 50 Hz / 32 m ³ /h; 60 Hz	87 m ³ /h; 50 Hz / 103 m ³ /h; 60 Hz	134 m ³ /h; 50 Hz / 161 m ³ /h; 60 Hz	319 m ³ /h; 50 Hz / 374 m ³ /h; 60 Hz	379 m ³ /h; 50 Hz / 404 m ³ /h; 60 Hz	415 m ³ /h; 50 Hz / 477 m ³ /h; 60 Hz
Capacity free-flow	9 W/K / 11 W/K	29 W/K / 34 W/K	45 W/K / 54 W/K	106 W/K / 124 W/K	122 W/K / 130 W/K	134 W/K / 154 W/K
Airflow in combination (filterfan + exhaust filter)	20 m ³ /h; 50 Hz / 23 m ³ /h; 60 Hz (PF 2.000 + PFA 2.000)	55 m ³ /h; 50 Hz / 64 m ³ /h; 60 Hz (PF 2.500 + PFA 3.000)	114 m ³ /h; 50 Hz / 134 m ³ /h; 60 Hz / (PF 3.000 + PFA 3.000)	255 m ³ /h; 50 Hz / 299 m ³ /h; 60 Hz / (PF 5.000 + PFA 6.000)	281 m ³ /h; 50 Hz / 312 m ³ /h; 60 Hz / (PF 6.000 + PFA 6.000)	327 m ³ /h; 50 Hz / 376 m ³ /h; 60 Hz / (PF 7.000 + PFA 6.000)
Capacity in combination (filterfan + exhaust filter)	7 W/K / 8 W/K (PF 2.000 + PFA 2.000)	18 W/K / 21 W/K (PF 2.500 + PFA 3.000)	38 W/K / 45 W/K (PF 3.000 + PFA 3.000)	85 W/K / 100 W/K (PF 5.000 + PFA 6.000)	91 W/K / 100 W/K (PF 6.000 + PFA 6.000)	106 W/K / 122 W/K (PF 7.000 + PFA 6.000)
Max. static pressure (Airflow = 0 m ³ /h)	46 Pa	42 Pa	91 Pa	156 Pa	172 Pa	122 Pa
Filtration efficiency	91%					
Filter material grade (DIN EN 779)	G 4					
Noise level (DIN 45 635)	48 dB(A)	49 dB(A)	52 dB(A)	68 dB(A)	70 dB(A)	71 dB(A)
Duty cycle	100%					

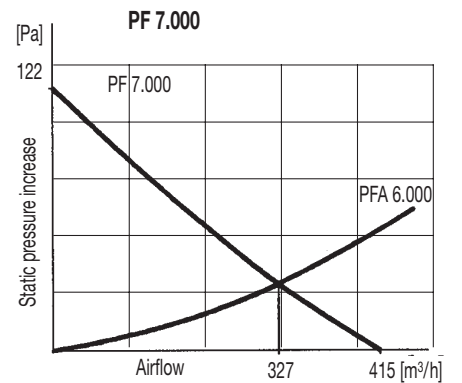
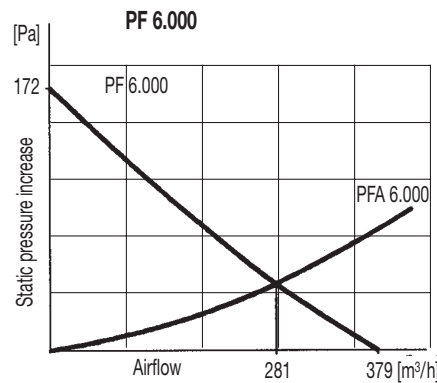
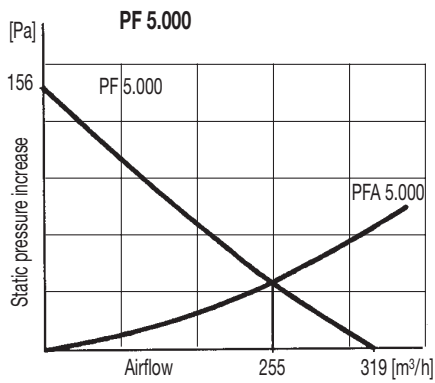
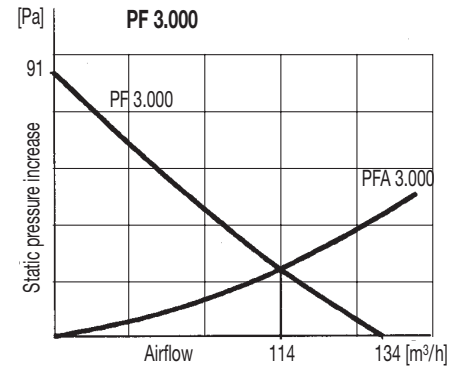
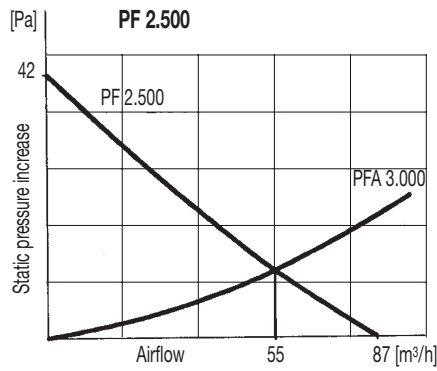
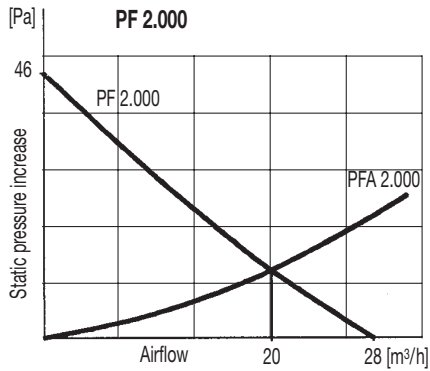
Technical data	PF 2.000	PF 2.500	PF 3.000	PF 5.000	PF 6.000	PF 7.000
Outside dimensions in mm (Height x Width x Installation depth)	150 x 150 x 72	250 x 250 x 111	250 x 250 x 121	325 x 325 x 157	325 x 325 x 158	325 x 325 x 117
Weight	0,736 kg	1,75 kg		3,0 kg	3,5 kg	3,8 kg

Electrical data	PF 2.000	PF 2.500	PF 3.000	PF 5.000	PF 6.000	PF 7.000
Rated voltage 230V						
Voltage range	187V...253 V			190V...253 V		
Power consumption	19 W	19 W	45 W	74 W	165 W	185 W
Rated voltage 115V						
Voltage range	97V...127V			103V...127 V	97V...127V	
Power consumption	20 W	18 W	40 W	82 W	155 W	165 W

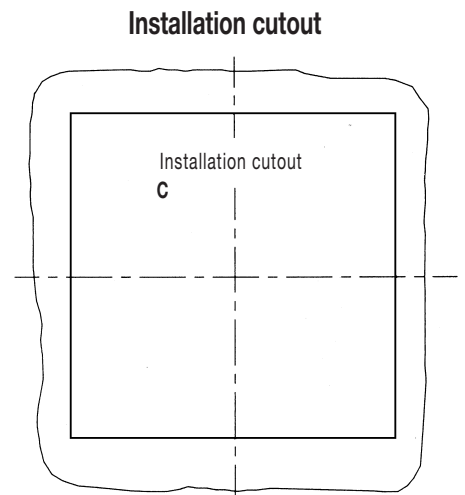
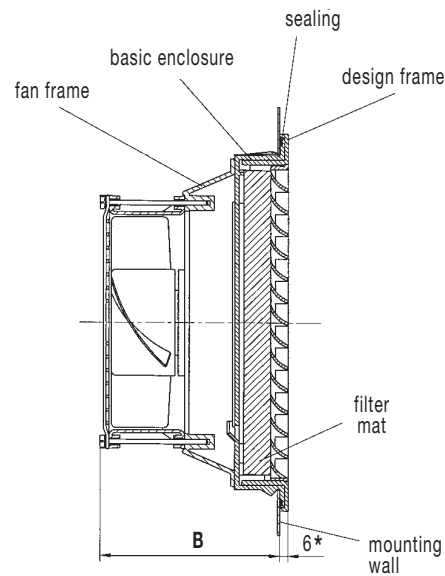
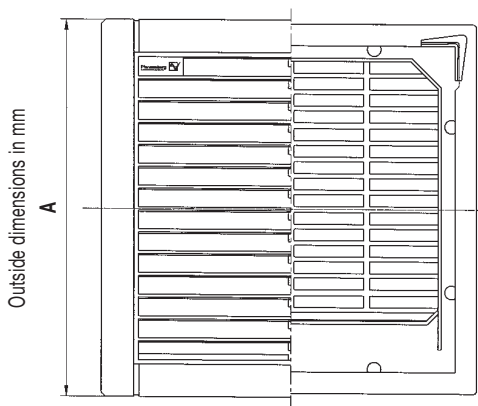
Supplementary data	PF 2.000	PF 2.500	PF 3.000	PF 5.000	PF 6.000	PF 7.000
Climatic data						
Operating temperature	-10 °C to +55 °C					
Storage temperature	-20 °C to +70 °C					
Max. relative humidity	90%					
System of protection	IP 55 when used as recommended					
Approvals	UL approval see overview filterfans					

We reserve the right to technical alterations. Subject to correction. 075000053

Airflow data:



Mechanical data:



* 4 at PF 2.000

Dimensions	A	B	C
PF 2.000	150	72	125 \pm_{-0}^{+1} thickness of material to 2 mm; 126 \pm_{-0}^{+1} thickness of material > 2 mm \leq 3 mm
PF 2.500	250	111	223 \pm_{-0}^{+1} thickness of material to 2 mm; 224 \pm_{-0}^{+1} thickness of material > 2 mm \leq 3 mm
PF 3.000	250	121	223 \pm_{-0}^{+1} thickness of material to 2 mm; 224 \pm_{-0}^{+1} thickness of material > 2 mm \leq 3 mm
PF 5.000	325	157	291 \pm_{-0}^{+1} thickness of material to 2 mm; 292 \pm_{-0}^{+1} thickness of material > 2 mm \leq 3 mm
PF 6.000	325	158	291 \pm_{-0}^{+1} thickness of material to 2 mm; 292 \pm_{-0}^{+1} thickness of material > 2 mm \leq 3 mm
PF 7.000	325	117	291 \pm_{-0}^{+1} thickness of material to 2 mm; 292 \pm_{-0}^{+1} thickness of material > 2 mm \leq 3 mm