

# PF 22.000 | PFA 20.000

## ECOOL FILTERFAN | EXHAUST FILTER 56–70 m³/h

- installation size 2, air flow rate up to 70 m³/h
- system of protection IP 54 and IP 55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP 55 version)
- cut-out compatible with installation size 2 from the 3rd Generation



PRODUCT		PF 22.000					Unit
ARTICLE NO.	IP 54	11622101055	11622151055	11622851055	11622801055	11622701055	
ARTICLE NO.	IP 55	11622103055	11622153055	11622853055	11622803055	11622703055	

DATA		AC 50   60 Hz		DC			
Rated voltage ±10 %		230	115	12	24	48	V
Unimpeded airflow	IP 54	61   70		61			m³/h
	IP 55	56   64		56			
Airflow rate in comb. with exhaust filter	IP 54	44   50		44			
	IP 55	40   46		40			
Power consumption		19   18	20   20	5			W
Current consumption		0.12   0.18	0.24   0.23	0.42	0.21	0.1	A
Noise level according to EN ISO 3741		44   44		44			dB (A)
Weight		0.7		0.44			kg
Type of connection		terminal strip		cable, 2-core, length 310 mm			
Fuse		6					A
System of protection according to EN 60529 / UL 50	IP 54	NEMA type 12 - standard filter					
	IP 55	NEMA type 12 - fluted filter					
Filtration efficiency	IP 54	88					%
	IP 55	91					
Filter mat quality class according to EN 779	IP 54	G 3					
	IP 55	G 4					
Duty cycle		100					%
Bearing type		sleeve bearing		ball bearing			
Service life L <sub>10</sub> (+ 40 °C) <sup>1</sup>		37500	40000	62500			h
Temperature range		-40 ... +55   -40 ... +131					°C   °F
Design (housing and protection against accidental contact)	IP 54	made of injection-moulded thermoplastic, self-extinguishing, UL 94 V0					
	IP 55	additional: UV-resistant					
Colour		RAL 7035   different colours available on request					

ACCESSORIES		ARTICLE NUMBER
Exhaust filter	gray	11720001055
Exhaust filter	black	11720001050
Spare filter mats	5 pieces	18611600030
Thermostat		17121000000
Hygrostat		17207000000
Rainhood in stainless steel		18102000014

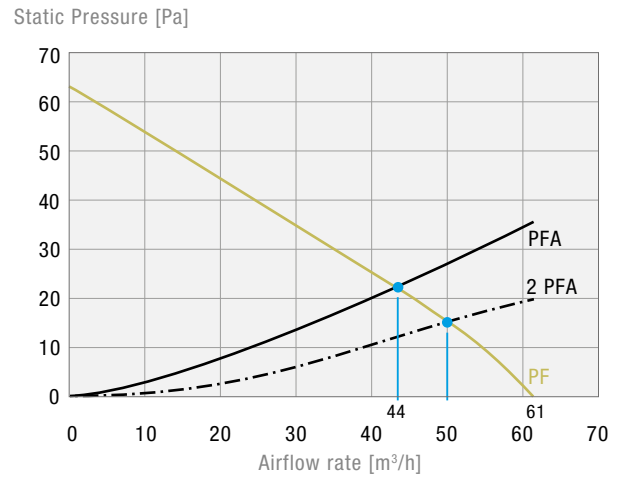
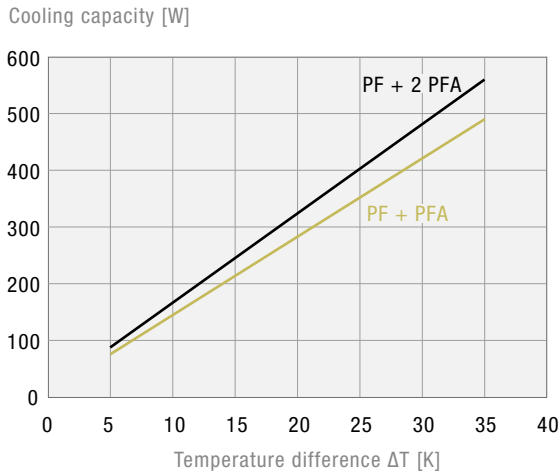
For additional models, options and voltages visit [www.pfannenberg.com](http://www.pfannenberg.com) or contact us directly.

<sup>1</sup> fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

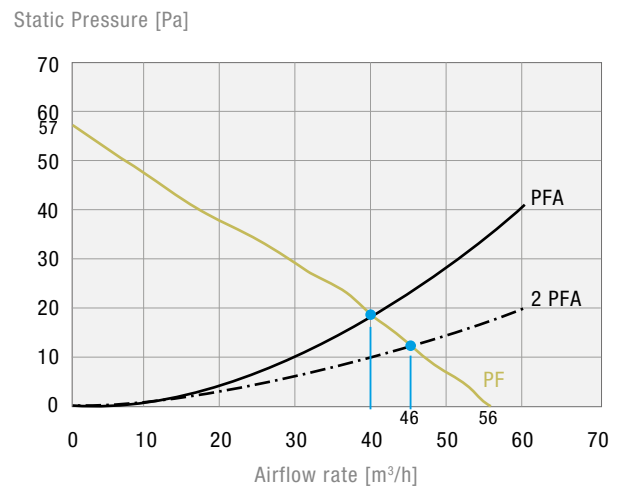
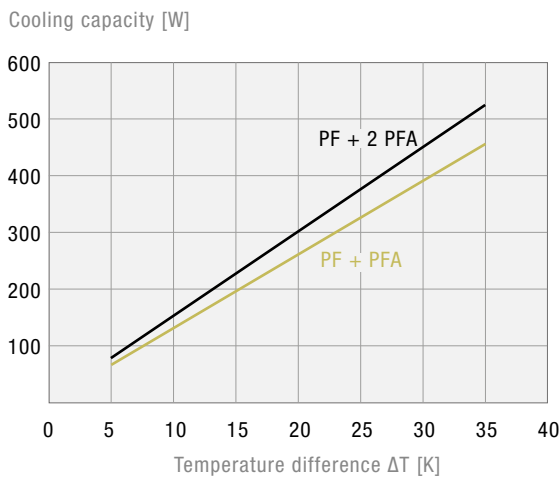
**Cooling capacity performance curves**

**Static pressure performance curve**

**PF 22.000 IP 54**

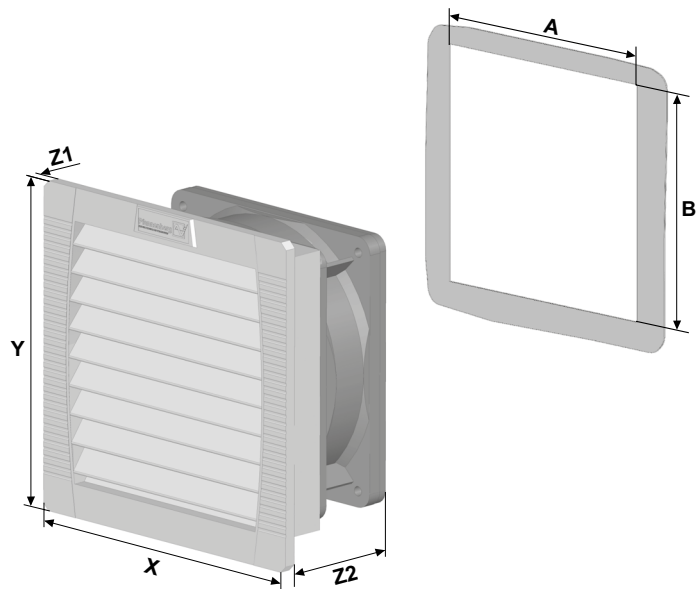


**PF 22.000 IP 55**



**Dimensions**

mm	PF 22.000		PFA 20.000
	AC	DC	
<b>X</b>	145	145	145
<b>Y</b>	145	145	145
<b>Z1</b>	5	5	5
<b>Z2</b>	70	64	26
<b>A<sup>1</sup></b>	125	125	125
<b>B<sup>1</sup></b>	125	125	125



<sup>1</sup> for material thicknesses up to 2 mm  
+ 1 mm for thickness of material > 2 mm ≤ 3 mm