PF 22.000 WITH CLAMP I PFA 20.000
FILTERFAN I EXHAUST FILTER 56–70 m³/h

- installation size 2, air flow rate up to 70 m³/h
- system of protection IP54 and IP55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP55 version)
- cut-out compatible with installation size 2 from the 3rd Generation
- exhaust filters also available in 42 piece packaging for faster assembly



PRODUCT		PF 22.000			
ARTICLE NO.	IP54 GRAY	11622101055	11622151055	11622801066	Unit
ARTICLE NO.	IP55 GRAY	11622103055	11622153055		
ARTICLE NO.	IP54 BLACK	11622101050	11622151050	11622801051	
DATA					
Rated voltage ±10 %		AC 50 I 60 Hz		DC	
		230	115	24	V
Unimpeded airflow	IP54	61 I 70		61	m³/h
	IP55	56 I 64		56	
Airflow rate in comb. with exhaust filter	IP54	44 I 50		44	
	IP55	40 I 46		40	
Power consumption		19 I 18	20 I 20	5	W
Current consumption		0.12 I 0.18	0.24 I 0.23	0.21	A
Noise level according to EN ISO 3741		44 I 44		44	dB (A)
Weight		0.7		0.44	kg
Type of connection		terminal strip, single-wire, 0.5 - 1.5 mm²			
Fuse		6			A
System of protection according to EN 60529 / UL 50	IP54	NEMA type 12 - standard filter			
	IP55	NEMA type 12 - fluted filter			
Filtration efficiency	IP54	88			%
	IP55	91			
Filter mat quality class according to EN 779	IP54	G 4			
	IP55	G 4			
Duty cycle		100			%
Bearing type		sleeve bearing		ball bearing	
Service life L_{10} (+ 40 °C)[1]		37500	40000	62500	h
Temperature range		–40 … +55 I –40 … +131			°C I °F
Design (housing and protection against accidental contact)	IP54	made of injection-moulded thermoplastic, self-extinguishing, UL 94 V0			
	IP55	additional: UV-resistant			
Colour		RAL 7035 or 9011 I different colours available on request			

ACCESSORIES		ARTICLE NUMBER	
Exhaust filter	gray	1 piece 11720001055	42 piece assembly packaging 11720001411
Exhaust filter	black	1 piece 11720001050	
Spare filter mats	5 pieces	IP54: 18611600030; IP55: 18611600034	
Thermostat		17121000000	
Hygrostat		17207000000	
Rainhood in stainless steel		18102000014	

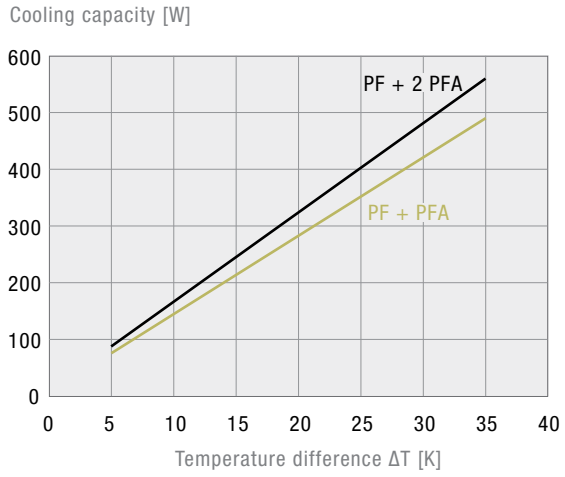
For additional models, options and voltages visit www.pfannenberg.com or contact us directly.

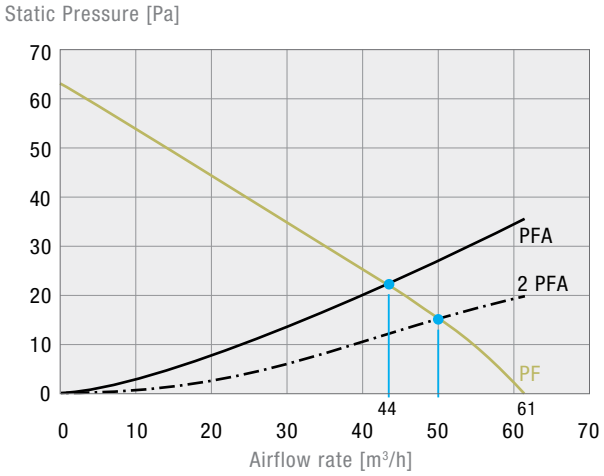
[1] fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

Cooling capacity performance curves

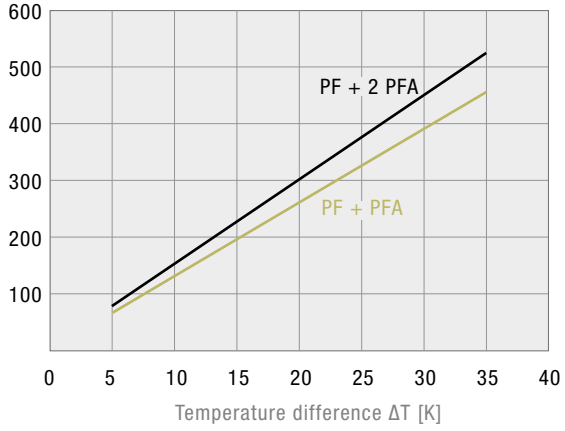
Static pressure performance curve

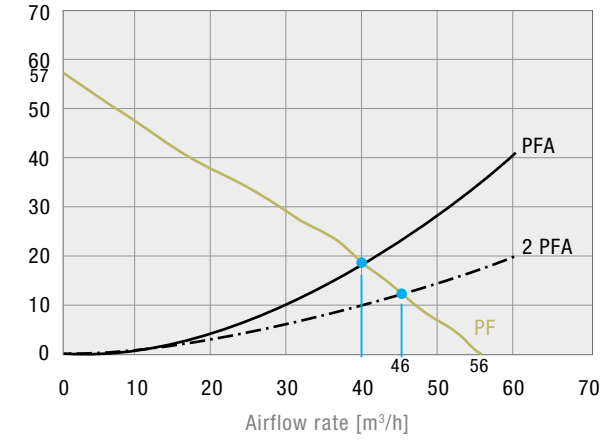
PF 22.000 IP54





PF 22.000 IP55





Dimensions

mm	PF 22.000		PFA 20.000
	AC	DC	
X	145	145	145
Y	145	145	145
Z1	5	5	5
Z2	70	64	26
A[1]	125	125	125
B[1]	125	125	125

[1] for material thicknesses up to 2 mm
+ 1 mm for thickness of material > 2 mm ≤ 3 mm

