PF 22.000 EMC I PFA 20.000 EMC
ECOOL FILTERFAN I EXHAUST FILTER 56–70 m³/h

- installation size 2, air flow rate up to 70 m³/h
- secure contact due to improved contact springs on the screen grid
- system of protection IP 54 and IP 55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP 55 version)
- cut-out compatible to installation size 2 of the 3rd and 4th Generation



PRODUCT		PF 22.000 EMC					
ARTICLE NO.	IP 54	11822101055	11822151055	11822851055	11822801055	11822701055	Unit
ARTICLE NO.	IP 55	11822103055	11822153055	11822853055	11822803055	11822703055	
DATA							
Rated voltage ±10 %		AC 50 I 60 Hz		DC			
		230	115	12	24	48	V
Unimpeded airflow	IP 54	61 I 70		61			m³/h
	IP 55	56 I 64		56			
Airflow rate in comb. with exhaust filter	IP 54	44 I 50		44			
	IP 55	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	0.42	0.21	0.1	A
Noise level according to EN ISO 3741		44 I 44		44			dB (A)
Weight		0.78		0.49			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_{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)	IP 54	made of injection-moulded thermoplastic, self-extinguishing, UL 94 V0					
	IP 55	additional: UV-resistant					
EMC screen		stainless steel					
Colour		RAL 7035 I different colours available on request					

ACCESSORIES		ARTICLE NUMBER
Exhaust filter		11920001055
Spare filter mats	5 pieces	18611600030
Thermostat		17121000000
Hygrostat		17207000000
Rainhood in stainless steel		18102000014

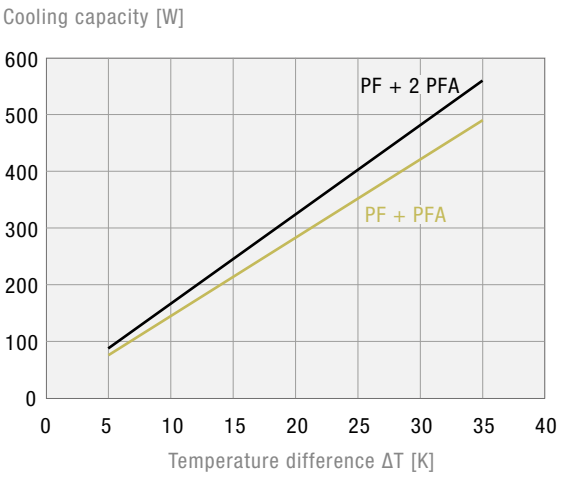
For additional models, options and voltages visit www.pfannenberg.com or contact us directly.

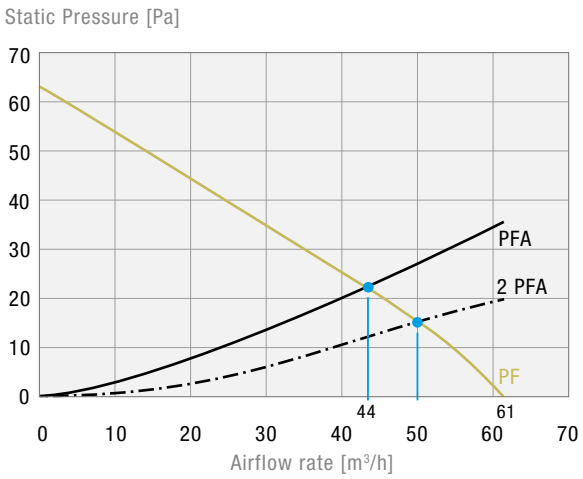
[1] fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

Cooling capacity performance curves

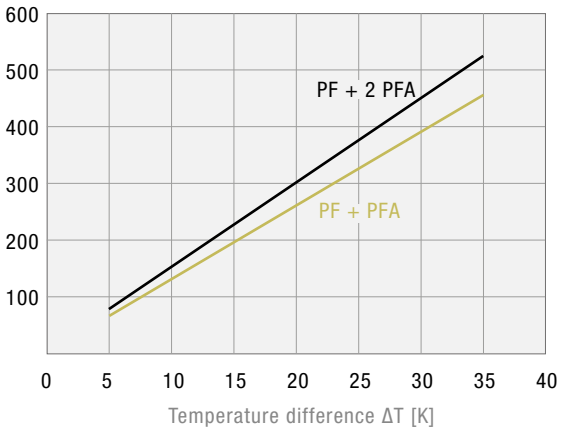
Static pressure performance curve

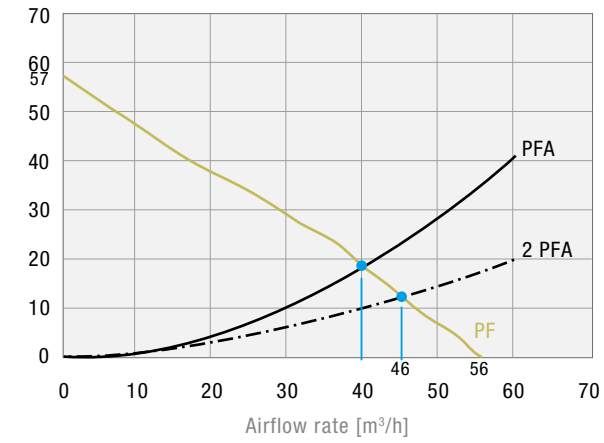
PF 22.000 EMC IP 54





PF 22.000 EMC IP 55





Dimensions

mm	PF 22.000 EMC		PFA 20.000 EMC
	AC	DC	
X	145	145	145
Y	145	145	145
Z1	5	5	5
Z2	70	64	26
A	126.5	126.5	126.5
B	126.5	126.5	126.5

