PF 43.000 EMC I PFA 40.000 EMC
ECOOL FILTERFAN I EXHAUST FILTER 223–265 m³/h

- installation size 4, air flow rate up to 265 m³/h
- two performance classes, cut-out compatible
- 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 4 of the 3rd and 4th Generation



PRODUCT		PF 43.000 EMC			
ARTICLE NO.	IP 54	11843101055	11843151055	11843801055	Unit
ARTICLE NO.	IP 55	11843103055	11843153055	11843803055	
DATA					
Rated voltage ±10 %		AC 50 I 60 Hz		DC	
		230	115	24	V
Unimpeded airflow	IP 54	223 I 247		223	m³/h
	IP 55	233 I 265		233	
Airflow rate in comb. with exhaust filter	IP 54	201 I 223		201	
	IP 55	180 I 207		180	
Power consumption		45 I 39	40 I 40	12	W
Current consumption		0.31 I 0.25	0.5 I 0.5	0.5	A
Noise level according to EN ISO 3741		53		53	dB (A)
Weight		1.83		1.77	kg
Type of connection		spring-type terminal			
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 4			
	IP 55	G 4			
Duty cycle		100			%
Bearing type		ball bearing			
Service life L_{10} (+ 40 °C)[1]		40000		80000	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		11940001055
Spare filter mats	5 pieces	IP54: 18611600032; IP55: 18611600036
Thermostat		17121000000
Hygrostat		17207000000
Rainhood in stainless steel		18102000017

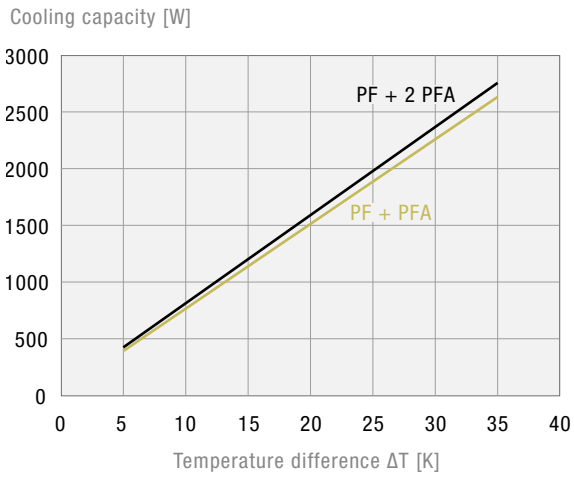
For additional models, options and voltages visit www.pfannenberg.com or contact us directly.

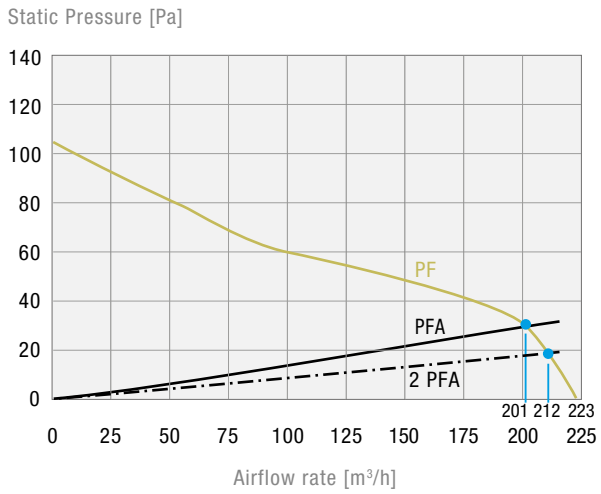
[1] fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

Cooling capacity performance curves

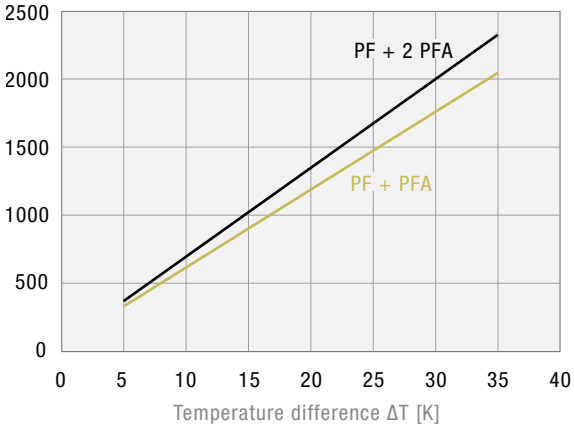
Static pressure performance curve

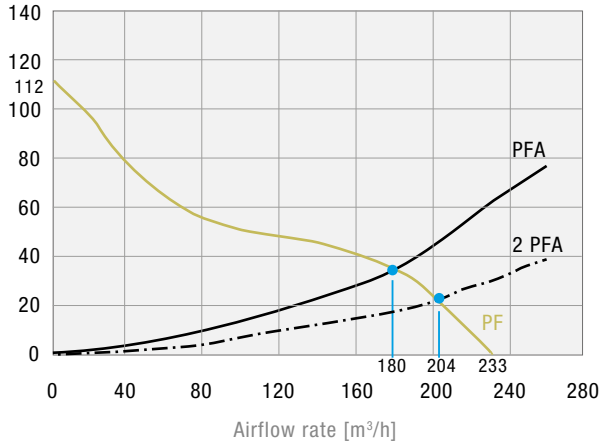
PF 43.000 EMC IP 54





PF 43.000 EMC IP 55





Dimensions

mm	PF 43.000 EMC		PFA 40.000 EMC
	AC	DC	
X	252	252	252
Y	252	252	252
Z1	6	6	6
Z2	113	97	38
A	224	224	224
B	224	224	224

