

# PF 43.000 Filterfan PFA 40.000 Exhaust filter



- Installation size 4, air flow rate up to 292 m<sup>3</sup>/h
- Two performance classes, cut-out compatible
- 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 4 from the 3<sup>rd</sup> Generation (see page 150)

Data		PF 43.000					Unit	
Article number	IP 54	11643101055	11643151055	11643851055	11643801055	11643701055		
	IP 55	11643103055	11643153055	11643853055	11643803055	11643703055		
Rated voltage ± 10 %	AC 50 Hz / 60 Hz			DC			V	
		230	115	12	24	48		
Unimpeded airflow						256 / 292	m <sup>3</sup> /h	
	IP 55							233 / 265
Air flow rate in combination (PF + PFA 40.000)	IP 54						231 / 265	
	IP 55						180 / 207	
Power consumption		45 / 39	40 / 40	12	12	12	W	
Current consumption		0.32 / 0.26	0.5 / 0.5	1	0.5	0.25	A	
Noise level (according to EN ISO 3741)	IP 54	42 / 46			42		dB(A)	
	IP 55							
Weight		1.67			1.51		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 <sup>1</sup>	IP 54	G 3						
	IP 55	G 4						
Duty cycle	100						%	
Bearing type	ball bearing							
Service life L <sub>10</sub> (+ 40 °C) <sup>2</sup>	40000			80000			h	
Temperature range	- 15 ... + 55 / + 5 ... + 131						°C / °F	
Design (housing and protection against accidental contact)	IP 54	made of injection-moulded thermoplastic, self-extinguishing, UL 94 VO						
	IP 55	additional: UV-resistant						
Colour	RAL 7035 <sup>3</sup>							
Accessories	Piece	Article number				Information on page		
Exhaust filter PFA 40.000	IP 54	1	11740001055			149		
	IP 55	1	11740003055			149		
Thermostat	1	17121000000			149			

<sup>1</sup> according to DIN EN 779

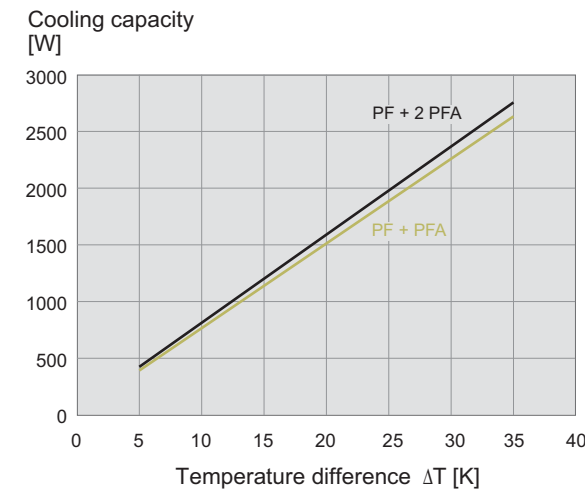
<sup>2</sup> fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

<sup>3</sup> different colours available on request

Approvals see page 111

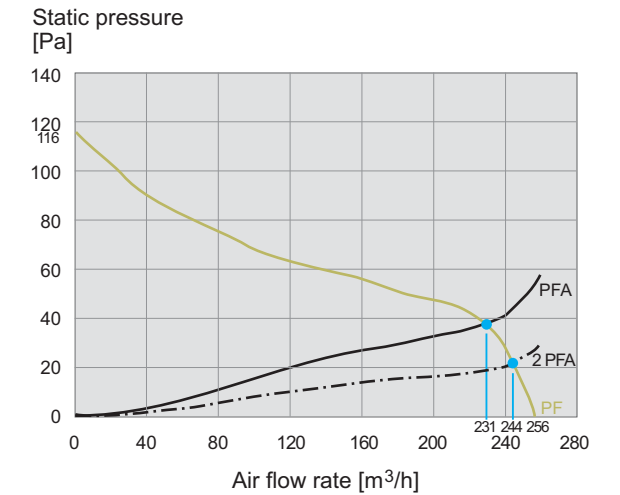
### Cooling capacity performance curve

PF 43.000 IP 54

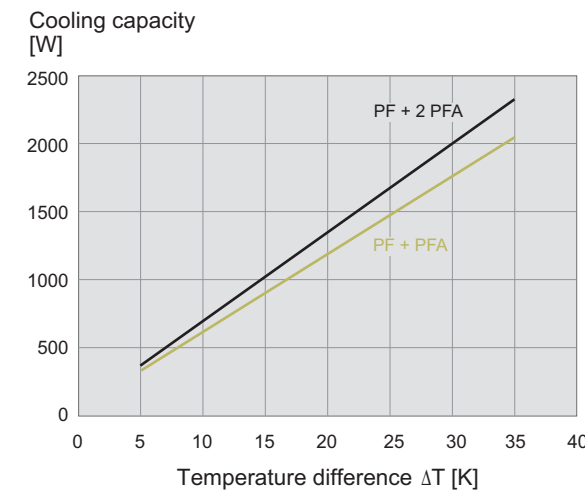


### Static pressure performance curves

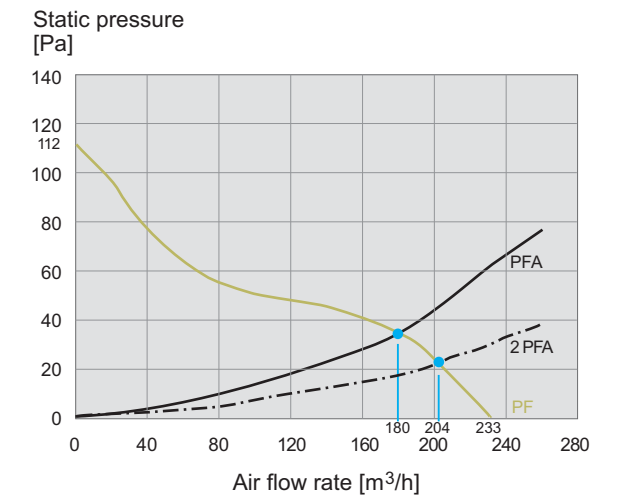
PF 43.000 IP 54



PF 43.000 IP 55



PF 43.000 IP 55



### Dimensions

mm	43.000		PFA 40.000
	AC	DC	
X	252	252	252
Y	252	252	252
Z1	6	6	6
Z2	113	97	38
A <sup>1</sup>	223	223	223
B <sup>1</sup>	223	223	223

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

