

**ECOOL** Filterfan  
**PF 43.000**  
**ECOOL** Exhaust filter  
**PFA 40.000**



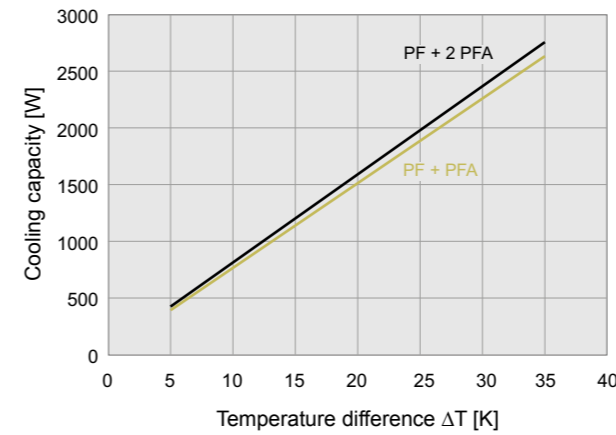
- installation size 4, air flow rate up to 292 m³/h
- two performance classes, cut-out compatible
- system of protection IP 54 and IP 55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP 55 version)
- cut-out compatible with installation size 4 from the 3<sup>rd</sup> Generation

Data		PF 43.000						Unit
Article number	IP 54	11643021055	11643101055	11643151055	11643851055	11643801055	11643701055	
	IP 55	11643023055	11643103055	11643153055	11643853055	11643803055	11643703055	
Rated voltage ± 10%	AC 50 / 60 Hz			DC			V	
	400	230	115	12	24	48		
Unimpeded airflow	IP 54	256 / 292						m³/h
	IP 55	233 / 265						
Airflow rate in combination (PF + PFA 40.000)	IP 54	231 / 265						m³/h
	IP 55	180 / 207						
Power consumption		49 / 42	45 / 39	40 / 40	12	12	12	W
Current consumption		0.16 / 0.14	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 according to EN 779	IP 54	G 3						
	IP 55	G 4						
Duty cycle	100							%
Bearing type	ball bearing							
Service life L <sub>10</sub> (+ 40 °C) <sup>1</sup>	40,000			80,000				h
Temperature range	- 40 ... + 55 / - 40 ... + 131							°C / °F
Design (housing and protection against accidental contact)	made of injection-moulded thermoplastic, self-extinguishing, UL 94 VO							
	additional: UV-resistant							
Colour	RAL 7035, different colours available on request							
Accessories	Piece	Article number					Information on page	
Exhaust filter PFA 40.000	IP 54	1	11740001055				224	
	IP 55	1	11740003055				224	
Thermostat	1	17121000000				244/246		

<sup>1</sup> fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary  
 Approvals see page 183

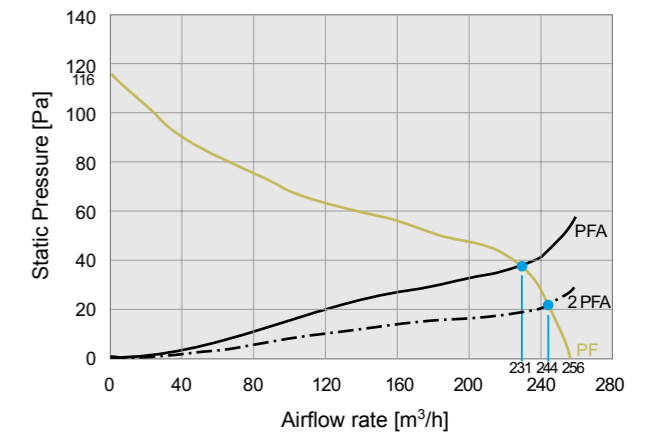
**Cooling capacity performance curves**

PF 43.000 IP 54

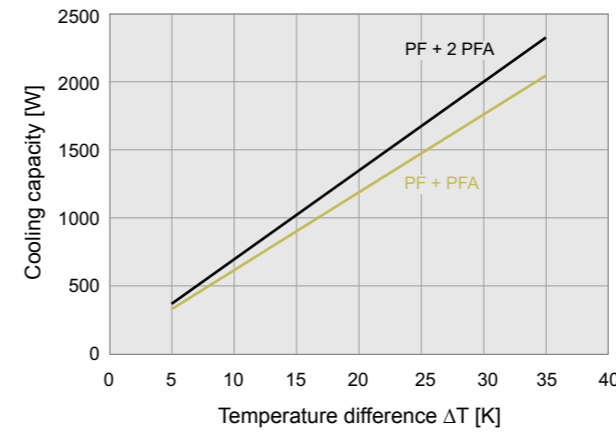


**Static pressure performance curves**

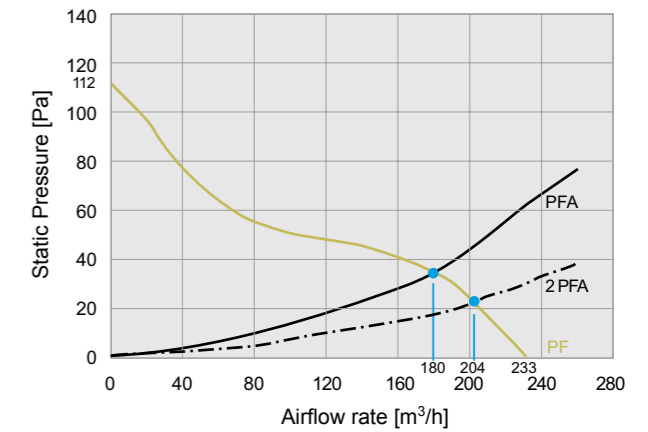
PF 43.000 IP 54



PF 43.000 IP 55



PF 43.000 IP 55



**Dimensions**

mm	PF 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

