

**ECOOL Filterfan**  
**PF 66.000**  
**ECOOL Exhaust filter**  
**PFA 60.000**



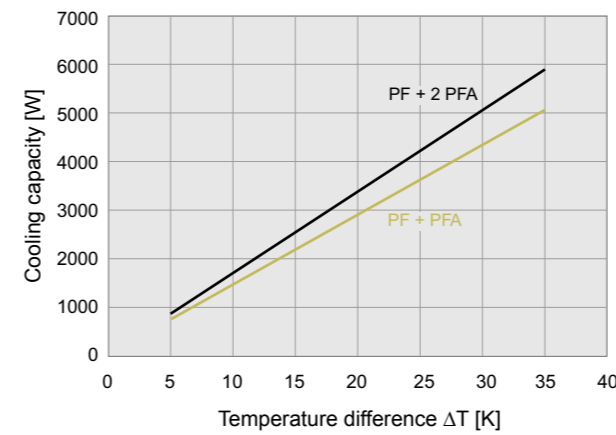
- installation size 6, air flow rate up to 785 m³/h
- three performance classes, cut-out compatible
- system of protection IP 54 and IP 55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP 55 version)
- cut-out compatible with installation size 6 from the 3<sup>rd</sup> Generation and with cooling unit DTFI 9021 (see page 50)

Data		PF 66.000			Unit
Article number	IP 54	11666022055	11666102055	11666152055	
	IP 55	11666023055	11666103055	11666153055	
Rated voltage ± 10%	AC 50 / 60 Hz				V
		400 / 460 3 ~	230	115	
Unimpeded airflow	IP 54	640 / 653			m³/h
	IP 55	770 / 785			
Airflow rate in combination (PF + PFA 60.000)	IP 54	445 / 445			
	IP 55	490 / 501			
Power consumption		120 / 155	120 / 160	110 / 160	W
Current consumption		0.26 / 0.25	0.53 / 0.72	0.96 / 1.4	A
Noise level (according to EN ISO 3741)	IP 54	63 / 64			dB (A)
	IP 55				
Weight		3.2			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	91			%
	IP 55				
Filter mat quality class according to EN 779	IP 54	G 4			
	IP 55				
Duty cycle		100			%
Bearing type		ball bearing			
Service life L <sub>10</sub> (+ 40 °C) <sup>1</sup>		40,000			h
Temperature range		- 40 ... + 55 / - 40 ... + 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, different colours available on request			
Accessories		Piece	Article number		Information on page
Exhaust filter PFA 60.000	IP 54	1	11760002055		224
	IP 55	1	11760003055		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

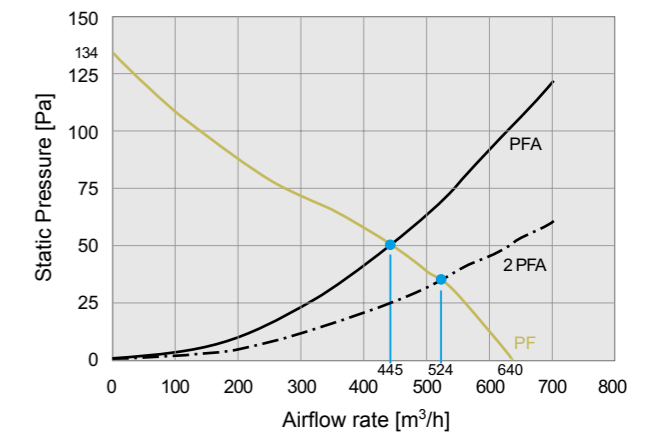
**Cooling capacity performance curves**

PF 66.000 IP 54

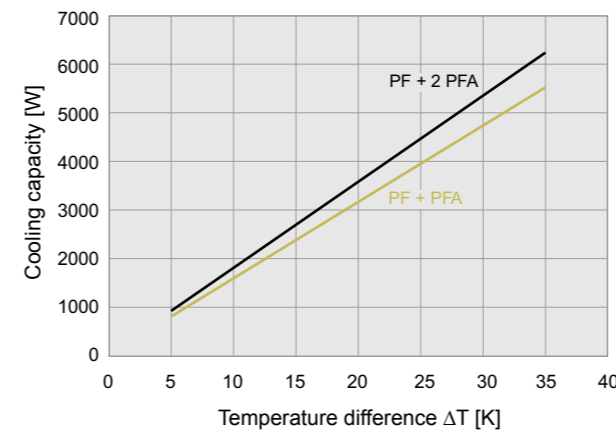


**Static pressure performance curves**

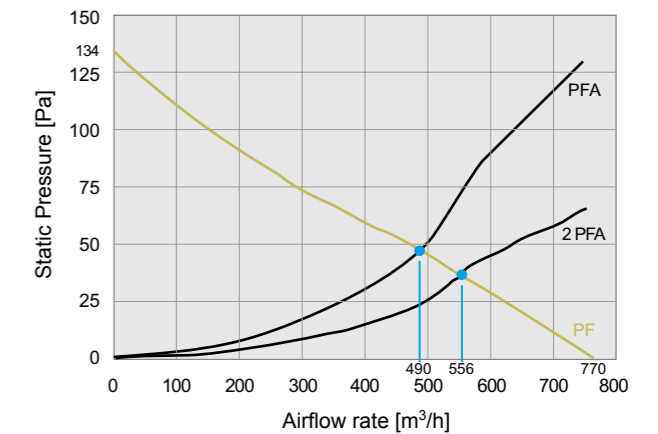
PF 66.000 IP 54



PF 66.000 IP 55



PF 66.000 IP 55



**Dimensions**

mm	PF 66.000	PFA 60.000
X	320	320
Y	320	320
Z1	7	7
Z2	150	39
A <sup>1</sup>	291	291
B <sup>1</sup>	291	291

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

