

# Filterfan

## PF 32.000

### Exhaust filter

## PFA 30.000



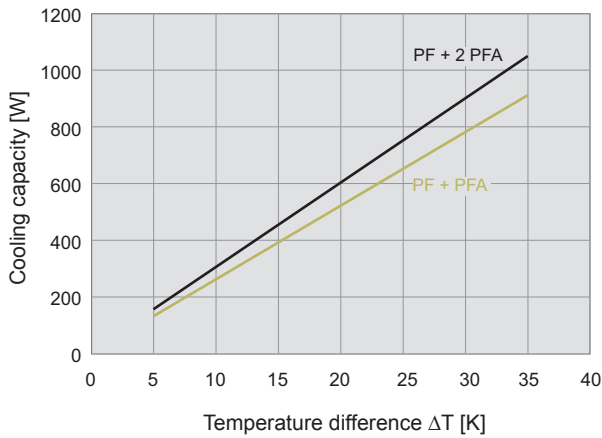
- installation size 3, air flow rate up to 125 m<sup>3</sup>/h
- system of protection IP 54 and IP 55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP 55 version)

Data		PF 32.000					Unit
Article number	IP 54	11632101055	11632151055	11632851055	11632801055	11632701055	
	IP 55	11632103055	11632153055	11632853055	11632803055	11632703055	
		AC 50 Hz / 60 Hz			DC		
Rated voltage ± 10 %		230	115	12	24	48	V
Unimpeded airflow	IP 54	110 / 125					m <sup>3</sup> /h
	IP 55	100 / 110					
Airflow rate in combination (PF + PFA 30.000)	IP 54	82 / 93					
	IP 55	55 / 64					
Power consumption		19 / 18	20 / 20	5	5	5	W
Current consumption		0.12 / 0.18	0.24 / 0.23	0.42	0.21	0.1	A
Noise level (according to EN ISO 3741)	IP 54	40 / 40			40		dB (A)
	IP 55						
Weight		0.87			0.61		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 <sub>10</sub> (+ 40 °C) <sup>1</sup>		37500	40000	62500			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, different colours available on request					
Accessories		Piece	Article number			Information on page	
Exhaust filter PFA 30.000	IP 54	1	11730001055			160	
	IP 55	1	11730003055			160	
Thermostat		1	17121000000			176/178	

<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 119

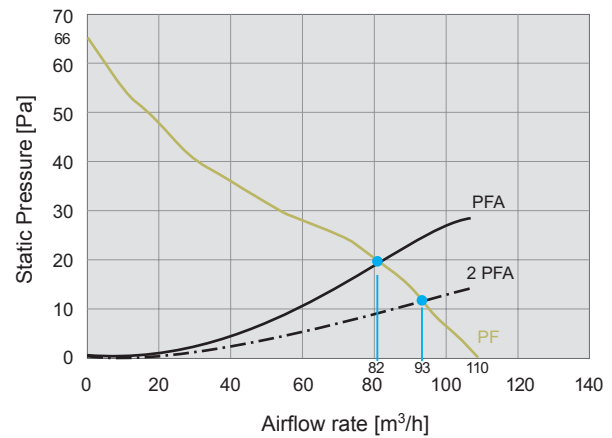
**Cooling capacity performance curves**

PF 32.000 IP 54

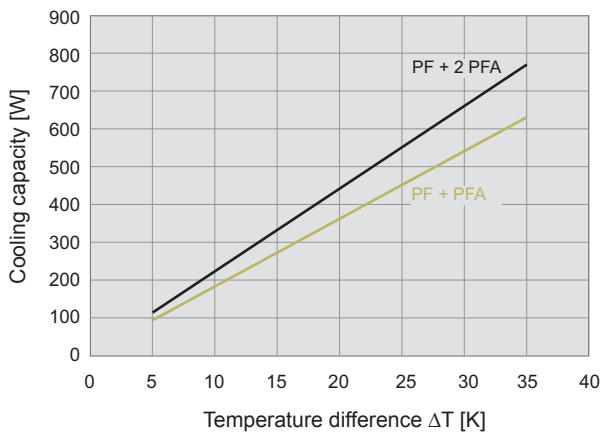


**Static pressure performance curves**

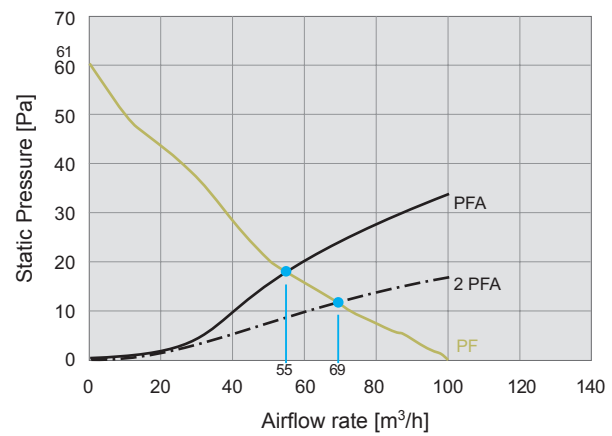
PF 32.000 IP 54



PF 32.000 IP 55



PF 32.000 IP 55



**Dimensions**

mm	PF 32.000		PFA 30.000
	AC	DC	
X	202	202	202
Y	202	202	202
Z1	6	6	6
Z2	87	81	34
A <sup>1</sup>	177	177	177
B <sup>1</sup>	177	177	177

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

