

# PF 22.000 Filterfan PFA 20.000 Exhaust filter



- Installation size 2, air flow rate up to 70 m<sup>3</sup>/h
- 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 2 from the 3<sup>rd</sup> Generation (see page 150)

Data	PF 22.000						Unit
Article number	IP 54	11622101055	11622151055	11622851055	11622801055	11622701055	
	IP 55	11622103055	11622153055	11622853055	11622803055	11622703055	
Rated voltage ± 10 %	AC 50 Hz / 60 Hz			DC			V
		230	115	12	24	48	
Unimpeded airflow	IP 54	61 / 70					m <sup>3</sup> /h
	IP 55	56 / 64					
Air flow rate in combination (PF + PFA 20.000)	IP 54	44 / 52					
	IP 55	40 / 46					
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	44 / 44			44		dB(A)
	IP 55						
Weight		0.7			0.44		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 <sup>1</sup>	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>2</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 <sup>3</sup>					
Accessories	Piece	Article number				Information on page	
Exhaust filter PFA 20.000	IP 54	1	11720001055			149	
	IP 55	1	11720003055			149	
Thermostat	1	17121000000			149		

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

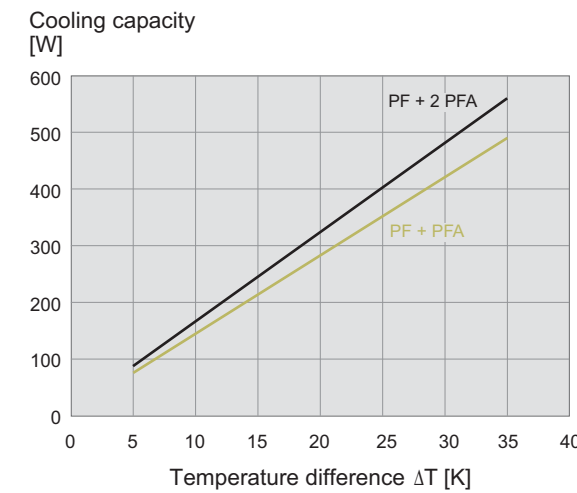
<sup>2</sup> fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

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

Approvals see page 111

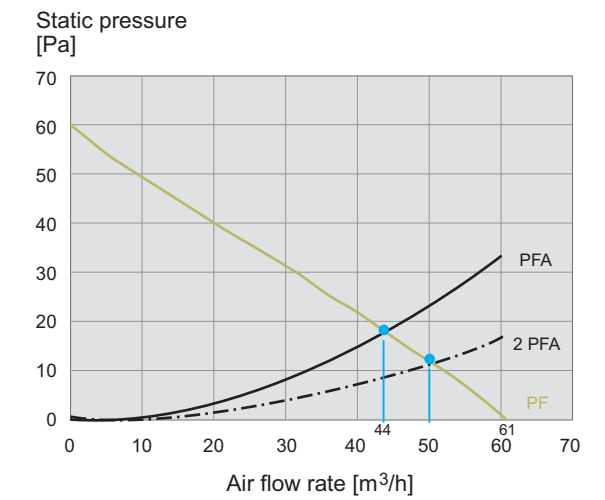
### Cooling capacity performance curve

PF 22.000 IP 54

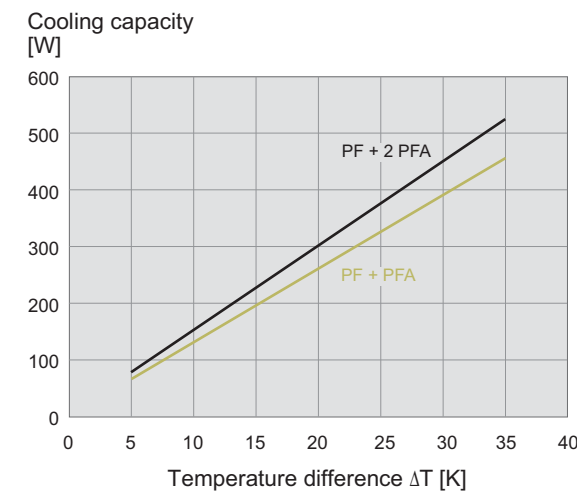


### Static pressure performance curves

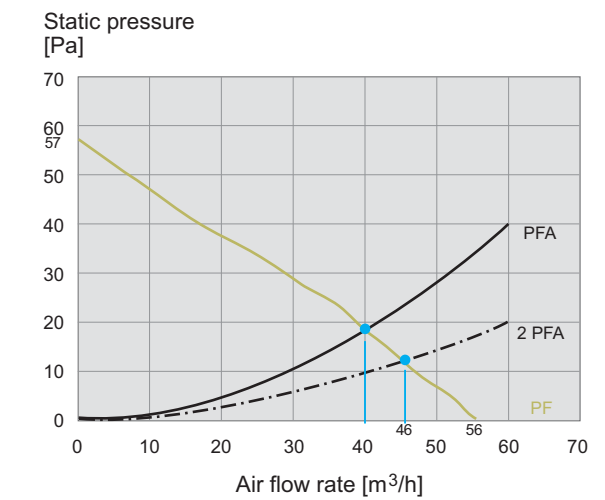
PF 22.000 IP 54



PF 22.000 IP 55



PF 22.000 IP 55



### Dimensions

mm	PF 22.000	AC	DC	PFA 20.000
X	145	145	145	145
Y	145	145	145	145
Z1	5	5	5	5
Z2	70	64	26	26
A <sup>1</sup>	125	125	125	125
B <sup>1</sup>	125	125	125	125

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

