

Filterfan

PF 11.000 EMC

Exhaust filter

PFA 10.000 EMC



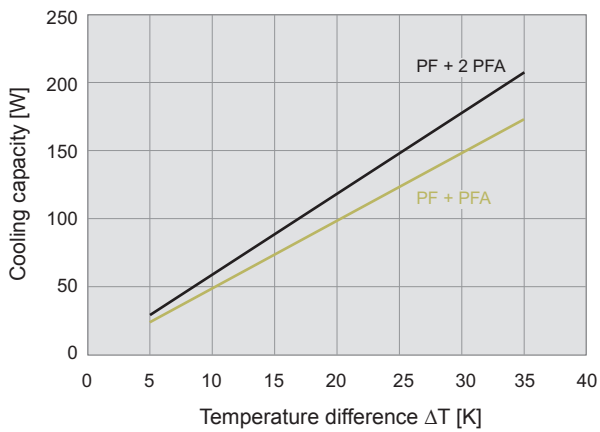
- installation size 1, air flow rate up to 29 m³/h
- secure contact due to improved contact springs on the screen grid
- system of protection IP 54, NEMA type 12
- UL, cUL approval
- cut-out compatible to installation size 1 of the 3rd and 4th Generation

Data		PF 11.000 EMC					Unit
Article number	IP 54	11811101055	11811151055	11811851055	11811801055	11811701055	
		AC 50 Hz / 60 Hz			DC		
Rated voltage ± 10 %		230	115	12	24	48	V
Unimpeded airflow		25 / 29					
Airflow rate in combination (PF + PFA 10.000 EMC)		16 / 18					m ³ /h
Power consumption		12 / 11	12 / 11	2.4	2.4	2.6	W
Current consumption		0.07 / 0.06	0.15 / 0.15	0.2	0.1	0.05	A
Noise level (according to EN ISO 3741)		33 / 33			33		dB (A)
Weight		0.58			0.19		kg
Type of connection		cable, 2-core, length 310 mm					
Fuse		6					A
System of protection according to EN 60529 / UL 50		NEMA type 12 – standard filter					
Filtration efficiency		88					%
Filter mat quality class according to EN 779		G 3					
Duty cycle		100					%
Bearing type		sleeve bearing			ball bearing		
Service life L ₁₀ (+ 40 °C) ¹		52500	55000	70000			h
Temperature range		- 15 ... + 55 / + 5 ... + 131					°C / °F
Design (housing and protection against accidental contact)		made of injection-moulded thermoplastic, self-extinguishing, UL 94 VO					
EMC screen		stainless steel					
Colour		RAL 7035, different colours available on request					
Accessories		Piece	Article number			Information on page	
Exhaust filter PFA 10.000 EMC	IP 54	1	11910001055			160	
Thermostat		1	17121000000			176/178	

¹ 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

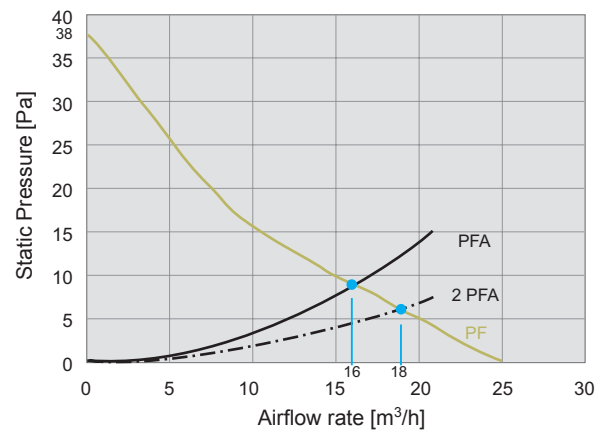
Cooling capacity performance curves

PF 11.000 EMC



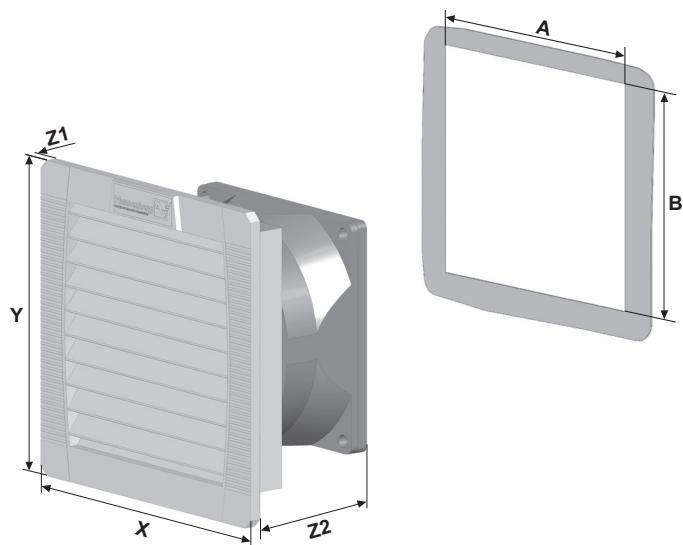
Static pressure performance curves

PF 11.000 EMC



Dimensions

mm	PF 11.000 EMC		PFA 10.000 EMC
	AC	DC	
X	109	109	109
Y	109	109	109
Z1	4	4	4
Z2	62	49	19
A	93	93	93
B	93	93	93



Further information on the EMC Filterfans (EMC series) can be found on page 156.