ECOOL Filterfan PF 11.000
ECOOL Exhaust filter PFA 10.000



- installation size 1, air flow rate up to 29 m³/h
- system of protection IP 54, NEMA type 12
- UL, cUL approval
- cut-out compatible with installation size 1 from the 3rd Generation

Data		PF 11.000					Unit
Article number	IP 54	11611101055	11611151055	11611851055	11611801055	11611701055	
Rated voltage ± 10%		AC 50 / 60 Hz		DC			
		230	115	12	24	48	V
Unimpeded airflow		25 / 29					m³/h
Airflow rate in combination (PF + PFA 10.000)		16 / 18					
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		0.55		0.16			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]		52,500	55,000	70,000			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					
Colour		RAL 7035, different colours available on request					

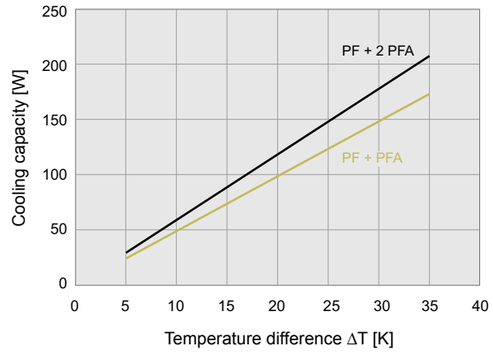
Accessories		Piece	Article number	Information on page
Exhaust filter PFA 10.000	IP 54	1	11710001055	224
Thermostat		1	17121000000	244/246

[1] fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

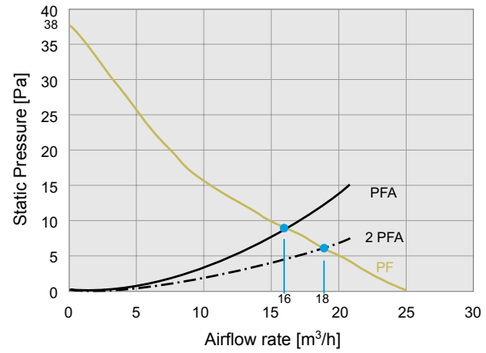
Approvals see page 183

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

Cooling capacity performance curves
PF 11.000



Static pressure performance curves
PF 11.000



Dimensions

mm	PF 11.000		PFA 10.000
	AC	DC	
X	109	109	109
Y	109	109	109
Z1	4	4	4
Z2	62	49	19
A[1]	92	92	92
B[1]	92	92	92

[1] for material thicknesses up to 2 mm
+ 1 mm for thickness of material > 2 mm ≤ 3 mm

