ECOOL Filterfans for roof mounting

PTF 60.500
PTF 60.700
PTF 61.000



ECOOL Top exhaust filter for roof mounting

PTFA 60.000

- 2 installation sizes, air flow rate up to 1000 m³/h
- three performance classes, cut-out compatible
- system of protection IP 33 and IP 54
- optimum passage of air and even temperature distribution (natural air convection is supported)
- toolless mounting, patented quick fastening system
- UL, cUL approval

Data		PTF 60.500		PTF 60.700		PTF 61.000		Unit
Article number	IP 54	11685101055	11685151055	11687102055	11687152055	11681102055	11681152055	
	IP 33	11685100055	11685150055	11687100055	11687150055	11681100055	11681150055	
Rated voltage ± 10%		AC 50 / 60 Hz						
		230	115	230	115	230	115	V
Unimpeded airflow	IP 54	350		550		750		m³/h
	IP 33	500		700		1000		
Airflow rate in combination (PTF + PFA 60.000)	IP 54	242		370		500		
	IP 33	268		427		582		
Power consumption		4 x 28 / 29	4 x 29 / 24	80 / 100	75 / 90	120 / 160	110 / 160	W
Current consumption		4 x 0.2 / 0.2	4 x 0.3 / 0.3	0.35 / 0.45	0.66 / 0.8	0.53 / 0.72	0.96 / 1.4	A
Noise level (according to EN ISO 3741)	IP 54	67		69		77		dB (A)
	IP 33							
Weight		4.8		4.1		4.3		kg
Type of connection		terminal strip						
Fuse		6						A
System of protection according to EN 60529 / UL 50		IP 33, IP 54						
Filtration efficiency	IP 54	81						%
	IP 33	0 (no filter mat)						
Filter mat quality class according to EN 779	IP 54	G 3						
	IP 33	no filter mat						
Duty cycle		100						%
Bearing type		ball bearing						
Service life L_{10} (+ 40 °C)[1]		approx. 50,000[2]		approx. 40,000		approx. 40,000		h
Temperature range		- 15 … + 55 / + 5 … + 131						°C / °F
Design (housing and protection against accidental contact)		sheet steel, cover powder-coated; snap-in housing made of injection-moulded thermoplastic (ABS-FR) self-extinguishing, UL 94 VO						
Colour		RAL 7035, different colours available on request						

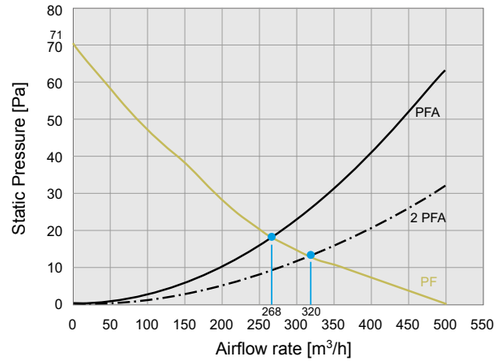
Accessories		Piece	Article number	Information on page
Exhaust filter PTFA 60.000	IP 54	1	11786001055	224
	IP 33	1	11786000055	224
Thermostat		1	17121000000	244/246

[1] fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary
[2] L_{10} (+25 °C)
Approvals see page 183

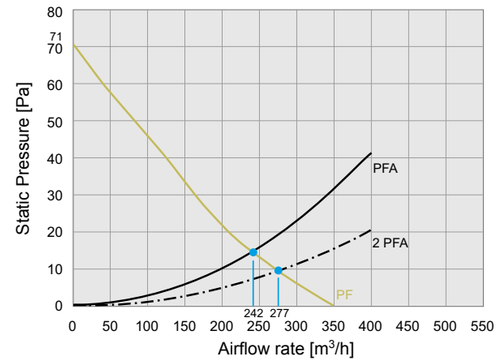
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Static pressure performance curves

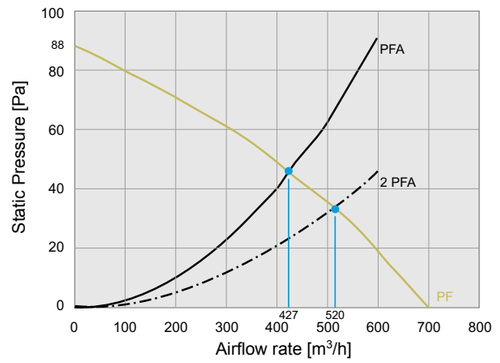
PTF 60.500 IP 33



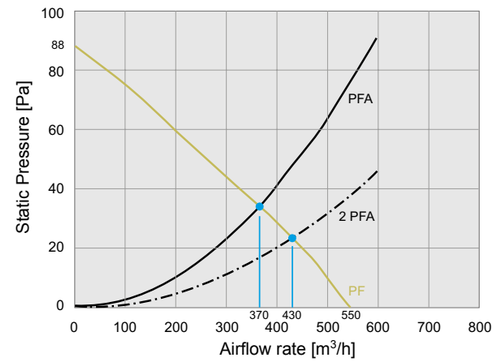
PTF 60.500 IP 54



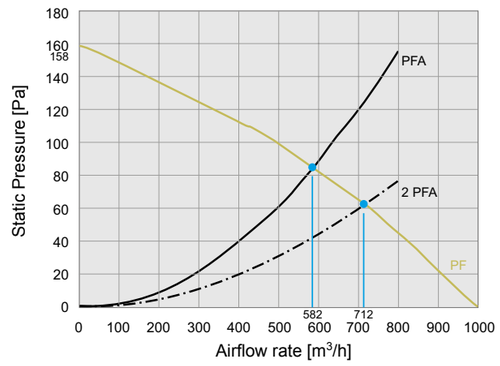
PTF 60.700 IP 33



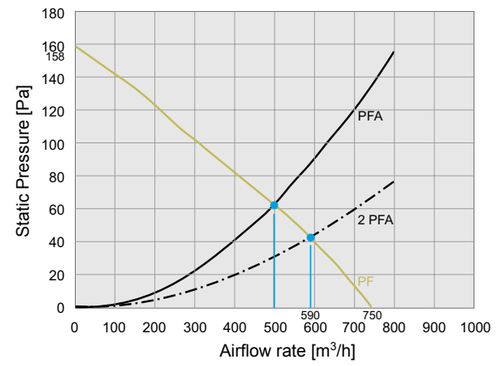
PTF 60.700 IP 54



PTF 61.000 IP 33

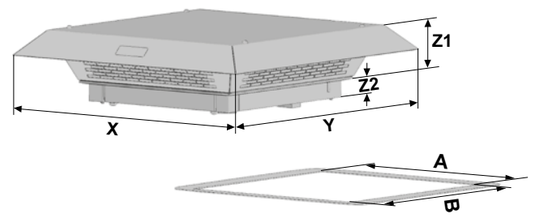


PTF 61.000 IP 54



Dimensions

mm	PTF 60.500	PTF 60.700	PTF 61.000	PTFA 60.000
X	436	470	470	436
Y	436	470	470	436
Z1	72	95	95	72
Z2	34	57	57	34
A[1]	291	291	291	291
B[1]	291	291	291	291



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