

# Filterfans for roof mounting

## PTF 60.500

## PTF 60.700

## PTF 61.000

# Top exhaust filter for roof mounting

## PTFA 60.000



- 2 installation sizes, air flow rate up to 1000 m<sup>3</sup>/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 Hz / 60 Hz							V	
		230	115	230	115	230	115		
Unimpeded airflow	IP 54	350		550		750		m <sup>3</sup> /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	65 / 80	75 / 90	115 / 150	110 / 160	W	
Current consumption		4 x 0.2 / 0.2	4 x 0.3 / 0.3	0.3 / 0.36	0.66 / 0.8	0.51 / 0.66	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 <sub>10</sub> (+ 40 °C) <sup>1</sup>		approx. 50000 <sup>2</sup>		approx. 40000		approx. 40000		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				170		
	IP 33	1	11786000055				170		
Thermostat		1	17121000000				188/190		

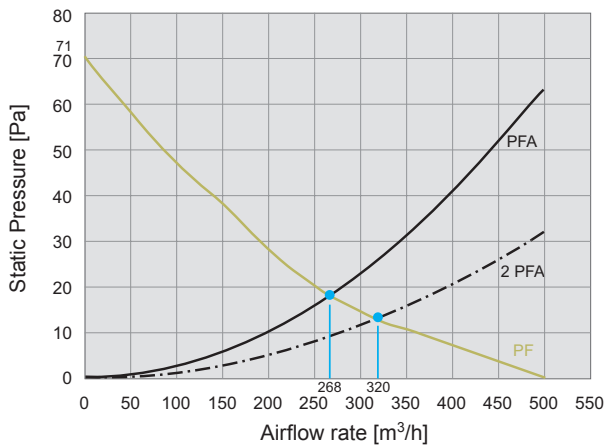
<sup>1</sup> fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

<sup>2</sup> L<sub>10</sub> (+25 °C)

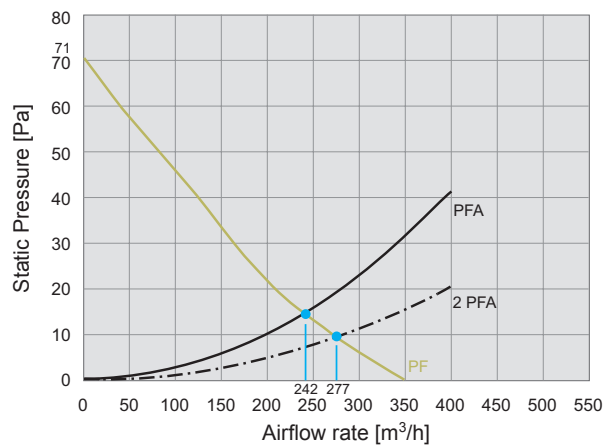
Approvals see page 129

**Static pressure performance curves**

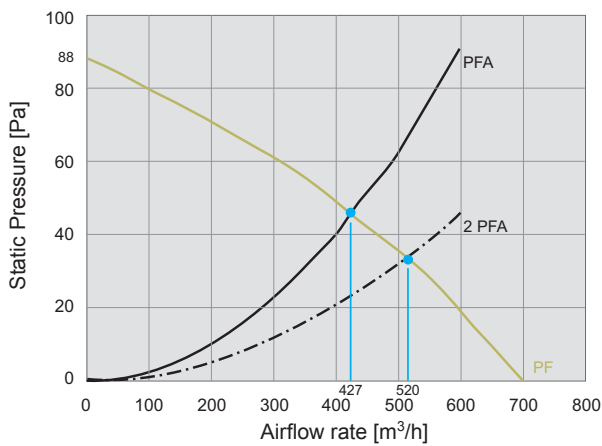
**PTF 60.500 IP 33**



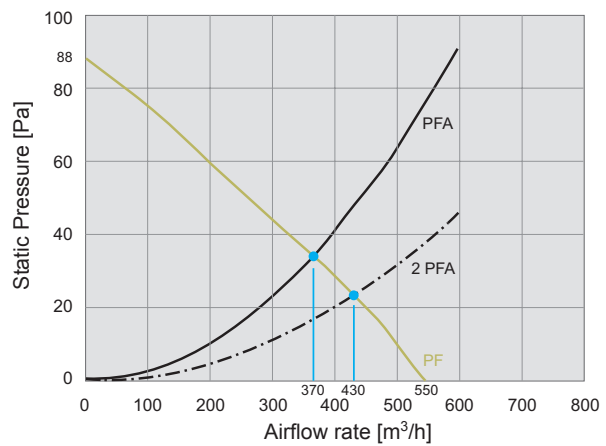
**PTF 60.500 IP 54**



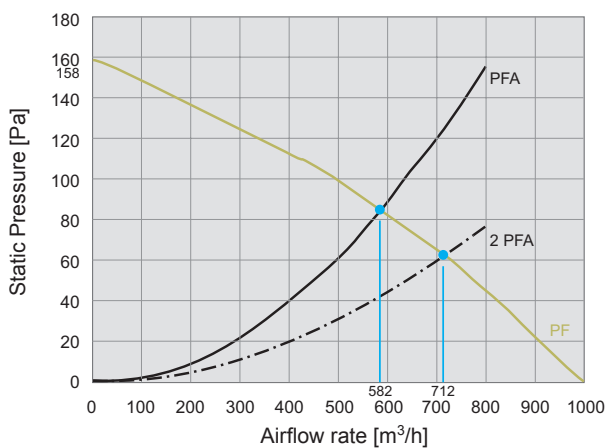
**PTF 60.700 IP 33**



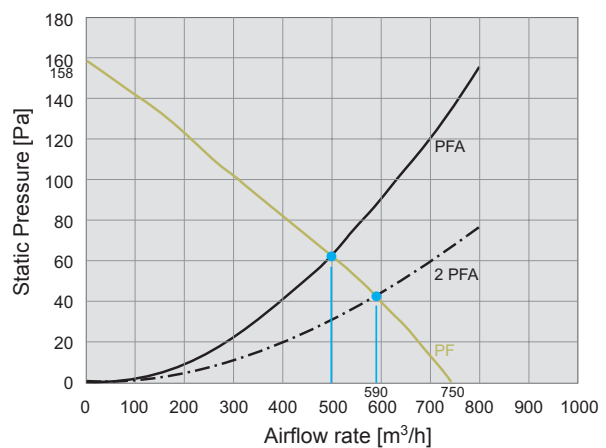
**PTF 60.700 IP 54**



**PTF 61.000 IP 33**

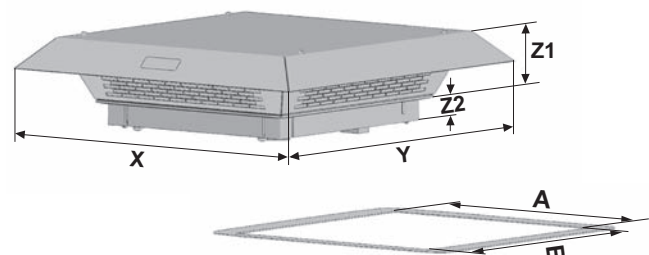


**PTF 61.000 IP 54**



**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 <sup>1</sup>	291	291	291	291
B <sup>1</sup>	291	291	291	291



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