

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

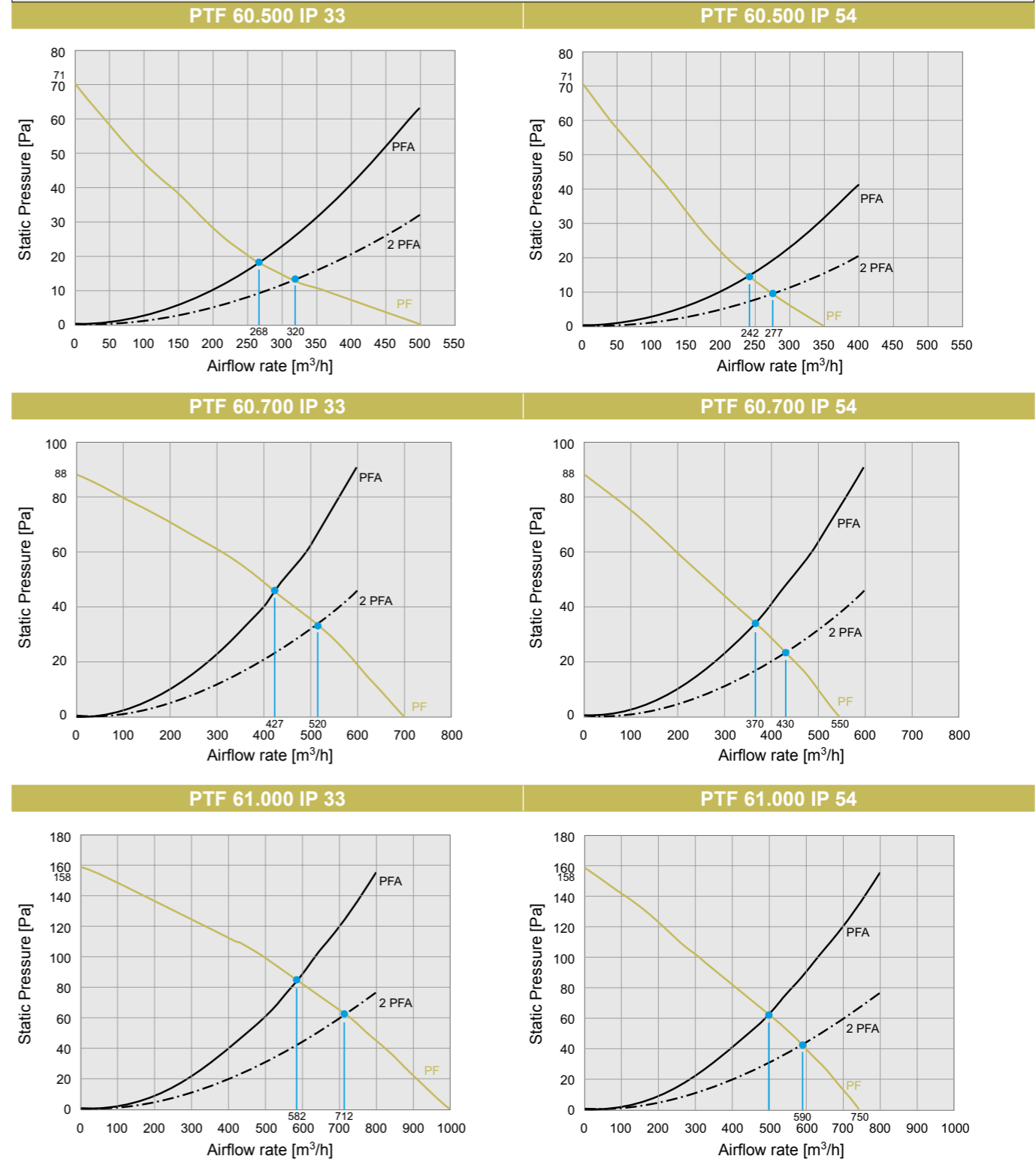
Data		PTF 60.500		PTF 60.700		PTF 61.000		Unit
Article number	IP 54	11685101055	11685151055	11687102055	11687152055	11681102055	11681152055	
	IP 33	11685100055	11685150055	11687100055	11687150055	11681100055	11681150055	
Rated voltage ± 10%	AC 50 / 60 Hz							
		230	115	230	115	230	115	V
Unimpeded airflow	IP 54	350		550		750		m ³ /h
	IP 33	500		700		1000		
Airflow rate in combination (PTF + PFA 60.000)	IP 54	242		370		500		m ³ /h
	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 L₁₀ (+25 °C)

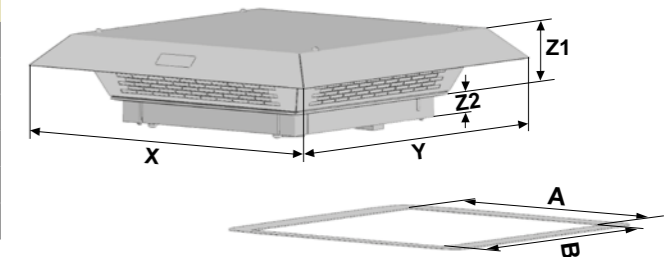
Approvals see page 183

Static pressure performance curves



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'	291	291	291	291
B'	291	291	291	291



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