

# Top Fan PTF 60.500 / PTF 60.700 / PTF 61.000

## Top Exhaust Filter PTFA 60.000



### PTF 60.500 / PTF 60.700 / PTF 61.000 / PTFA 60.000

- ideal to use when there is little space within the enclosure compartment
- available in IP 33 and IP 54
- all types in only one cut-out make upgrades easy
- simple click&fit installation, no tool necessary
- best way to ventilate (AC) the enclosure, bottom-up ventilation of entire enclosure



System of protection



System of protection



Click and fit!



Cutout compatibility



Installation without tools



Colour

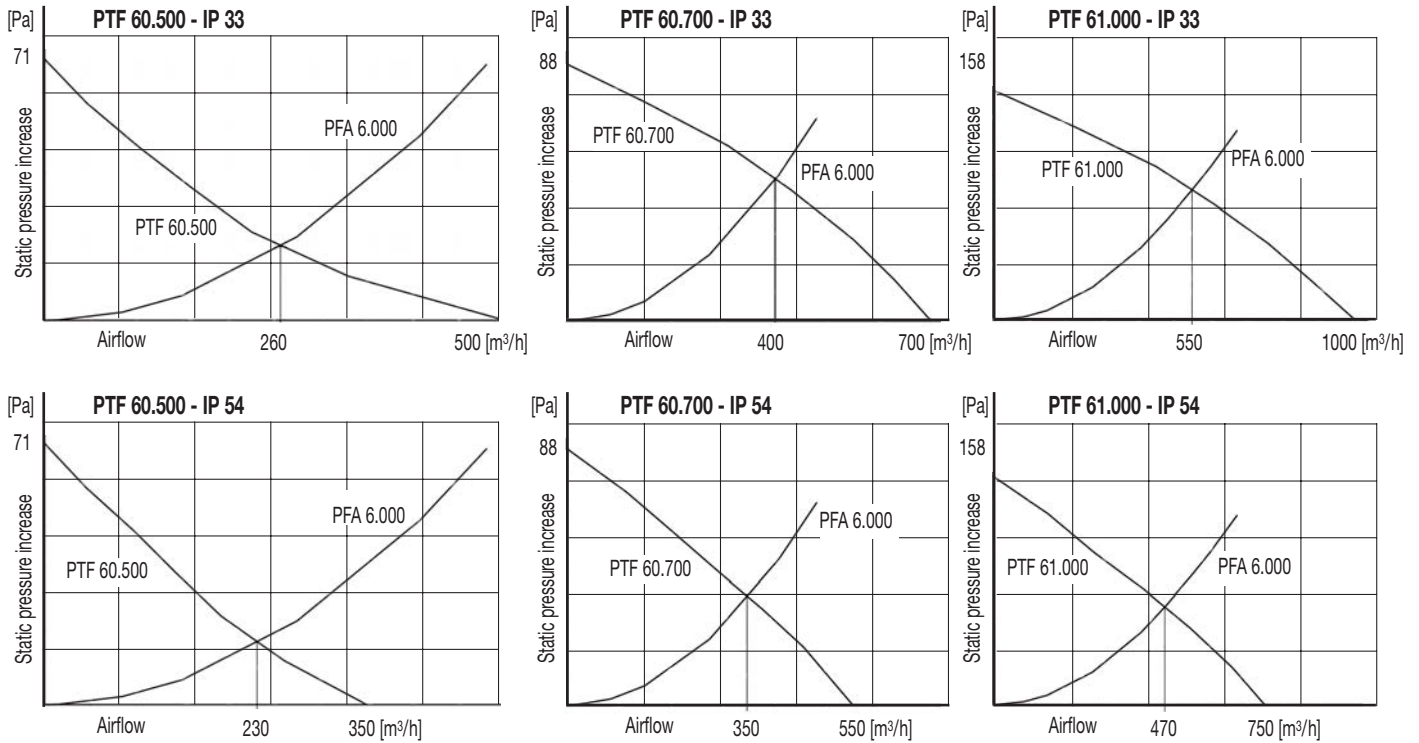
Airflow data	PTF 60.500		PTF 60.700		PTF 61.000	
	IP 33	IP 54	IP 33	IP 54	IP 33	IP 54
Filter mat		IP 54-filter mat		IP 54-filter mat		IP 54-filter mat
Airflow free-flow	500 m <sup>3</sup> /h	350 m <sup>3</sup> /h	700 m <sup>3</sup> /h	550 m <sup>3</sup> /h	1000 m <sup>3</sup> /h	750 m <sup>3</sup> /h
Capacity free-flow	161 W/K	113 W/K	226 W/K	177 W/K	323 W/K	242 W/K
Airflow in combination (filterfan + exhaust filter)	260 m <sup>3</sup> /h (PTF 60.500 + PFA 6.000)	230 m <sup>3</sup> /h (PTF 60.500 + PFA 6.000)	400 m <sup>3</sup> /h (PTF 60.700 + PFA 6.000)	350 m <sup>3</sup> /h (PTF 60.700 + PFA 6.000)	550 m <sup>3</sup> /h (PTF 61.000 + PFA 6.000)	470 m <sup>3</sup> /h (PTF 61.000 + PFA 6.000)
Capacity in combination (filterfan + exhaust filter)	84 W/K (PTF 60.500 + PFA 6.000)	74 W/K (PTF 60.500 + PFA 6.000)	129 W/K (PTF 60.700 + PFA 6.000)	113 W/K (PTF 60.700 + PFA 6.000)	177 W/K (PTF 61.000 + PFA 6.000)	152 W/K (PTF 61.000 + PFA 6.000)
Max. static pressure (Airflow = 0 m <sup>3</sup> /h)	71 Pa		88 Pa		158 Pa	
Filtration efficiency	-	81%	-	81%	-	81%
Filter material grade (DIN EN 779)	-	G 3	-	G 3	-	G 3
Noise level (DIN 45 635)	67 dB (A)		69 dB (A)		77 dB (A)	
Duty cycle	100%					

Technical data	PTF 60.500	PTF 60.700	PTF 61.000
Outside dimensions in mm (Height x Width x Depth x Installation depth)	125 x 430 x 430 x 50	140 x 470 x 470 x 50	140 x 470 x 470 x 50
Construction material	metal chassis, cover powder-coated; snap-in body of sprayed thermoplastic (ABS-FR) self-extinguishing, UL94 VO		
Weight	5,5 kg	5,8 kg	6,0 kg
Safety protection	according to EN 60529		
Colour	RAL 7035, RAL 7032, other colours available on request		
Type of connection	terminal strip		

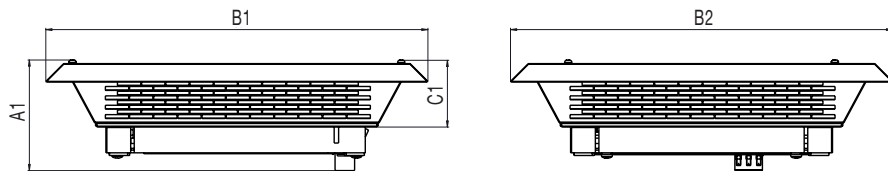
Electrical data	PTF 60.500	PTF 60.700	PTF 61.000
Rated voltage	230 V 50/60 Hz +/- 10% 115 V 50/60 Hz +/- 10%	230 V 50/60 Hz +/- 10% 115 V 50/60 Hz +/- 10%	230 V 50/60 Hz +/- 10% 115 V 50/60 Hz +/- 10%
Power consumption 230 V 115 V	112 / 96 W 116 / 96 W	75 / 90 W 85 / 100 W	125 / 165 W 120 / 175 W

Supplementary data	PTF 60.500	PTF 60.700	PTF 61.000
Operating temperature	-10 °C to +55 °C		
Storage temperature	-20 °C to +70 °C		
Max. relative humidity	90%		
System of protection	IP 33, IP 54 (EN 60529), when used as recommended		
Accessories	radiant heater, fan heater, thermostat, see Thermal Management		
Tolerance installation cutout	291 $\pm$ 1 292 $\pm$ 1 thickness of material > 2 mm ≤ 3 mm		
Approvals	UL approval see overview filterfans		

**Airflow data:**



**Mechanical data:**



	PTF 60.500	PTF 60.700	PTF 61.000	PTFA 60.000
A1	125	140	140	110*
B1/B2	430	470	470	430
C1	75	90	90	75

\* no terminal strip

Airflow data	PTFA 60.000 IP 54
Filter mat	IP 54-filter mat
Filtration efficiency	81%
Filter material grade (DIN EN 779)	G 3

Technical data	PTFA 60.000
Outside dimensions in mm (Height x Width x Depth x Installation depth)	110 x 430 x 430 x 35
Construction	metal chassis, cover powder-coated; snap-in body of sprayed thermoplastic (ABS-FR) self-extinguishing, UL94 VO
Weight	3,1 kg
Safety protection	according to EN 60529
Colour	RAL 7035, RAL 7032, other colours available on request

Supplementary data	PTFA 60.000
Operating temperature	-10 °C to +55 °C
Storage temperature	-20 °C to +70 °C
Max. relative humidity	90%
System of protection	IP 33, IP 54 (EN 60529), when used as recommended
Accessories	radiant heater, fan heater, thermostat, see Thermal Management
Tolerance installation cutout	291 $\pm$ 1 thickness of material to 2 mm; 292 $\pm$ 1 thickness of material > 2 mm ≤ 3 mm
Approvals	UL approval see overview filterfans

**Installation cutout**

