

266-485 CFM Top Mount Filterfans *PTF GEN4 Series*

Type 12



- Maintains a NEMA 12 seal against enclosure
- UL Recognized to UL 508a, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Metal Pagoda Cover for rugged environments, easily painted to match machine color
- Fan Motor is CSA Approved

Accessories

CE

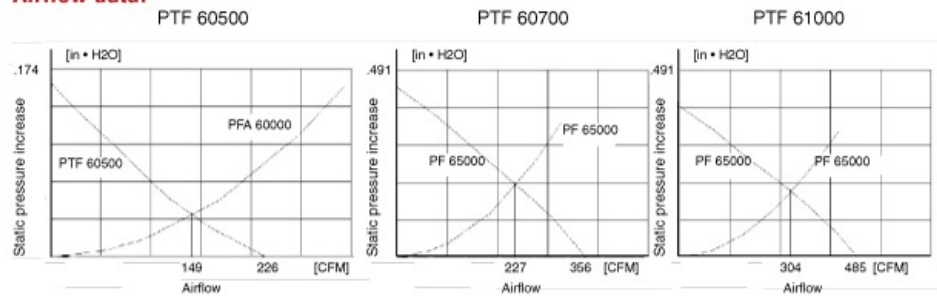
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 RoHS

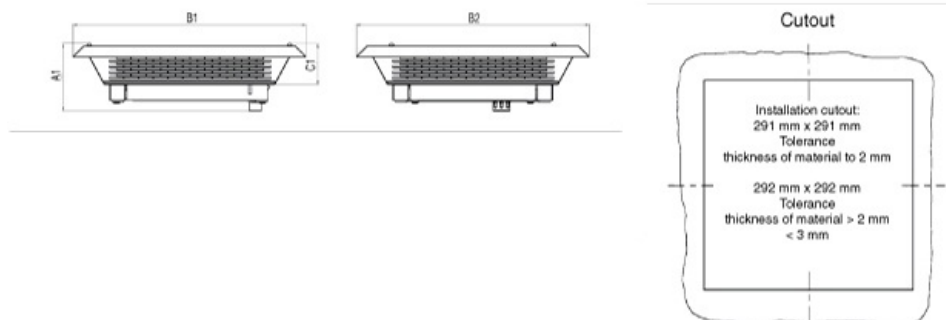
- [Exhaust Filters](#)

- [Replacement Filters](#)

Airflow data:



Mechanical data:



Part Number	Voltage	Power	Mating Exhaust Filter	Ship Wt. lbs.
PTF60500LG	115V	24W	PFA 60000LG	14
PTF60500LG230	230V	24W	PFA 60000LG	14
PTF60700LG	115V	90W	PFA 60000LG	14
PTF60700LG230	230V	80W	PFA 60000LG	14
PTF61000LG	115V	170W	PFA 60000LG	15
PTF61000LG230	230V	150W	PFA 60000LG	15

Airflow data	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
Filter material	NEMA 12 Filtermat	NEMA 12 Filtermat	NEMA 12 Filtermat	NEMA 12 Filtermat
Filter material grade (DIN EN 779)				-
Unimpeded airflow	226 CFM	356 CFM	485 CFM	-
Capacity free-flow	113 W/K	177 W/K	242 W/K	-
Airflow in combination	149 CFM	227 CFM	304 CFM	-
(Filterfan + Exhaust Filter)	(PTF 60500 + PFA 60000)	(PTF 60700 + PFA 60000)	(PTF 61000 + PFA 60000)	-
Capacity in combination	74 W/K	113 W/K	152 W/K	-
(Filterfan + Exhaust Filter)	(PTF 60500 + PFA 60000)	(PTF 60700 + PFA 60000)	(PTF 61000 + PFA 60000)	-
Max. static pressure (Airflow = 0)	71 Pa	88 Pa	158 Pa	-
Filtration efficiency	0.81	0.81	0.81	-
Filter material grade	G 3 (DIN EN 779)	G 3 (DIN EN 779)	G 3 (DIN EN 779)	-
Duty cycle	1	1	1	-

Technical data	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
Outside dimensions in mm (height x width x installation depth)	125 x 430 x 430 x 50	140 x 470 x 470 x 50	140 x 470 x 470 x 50	110 x 430 x 430 x 35
Bearing type	ball bearings	ball bearings	ball bearings	-
Fitting position	horizontal	horizontal	horizontal	any
Construction	metal chassis cover coated, snapin plastic housing	powder coated, snapin plastic housing		metal chassis, cover powder-coated; snap-in body of sprayed thermoplastic, (ABS-FR) self-extinguishing, UL 94 VO
Weight	5.5 kg	5.8 kg	6.0 kg	3.1 kg
Safety protection	in accordance with DIN 31 001			in accordance with DIN 31 001
Color	RAL 7035, Light Grey			RAL 7035, RAL 7032, other colors on request
Connections	terminal strip	terminal strip	terminal strip	-

	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
A1	125	140	140	110*
B1/B2	430	470	470	430
C1	75	90	90	75

Supplementary data: PFTA 60000	
Operating temperature	-10 C (+14 F) to +55 C (+131 F)

Storage temperature	-20 C (-4 F) to +70 C (+158 F)
Max. relative humidity	0.9
System of protection	IP 33, IP 54 (EN 60 529), when installed as specified
Accessories	radiant heater, fan heater, thermostat, see Thermal Management
Tolerance installation cutout	291 thickness of material to 2 mm, 292 thickness of material > 2 mm < 3mm
Approvals	pending

Data subject to change without notice.

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