

266-485 CFM Top Mount Filterfans PTF GEN4 Series

Type 12



Features

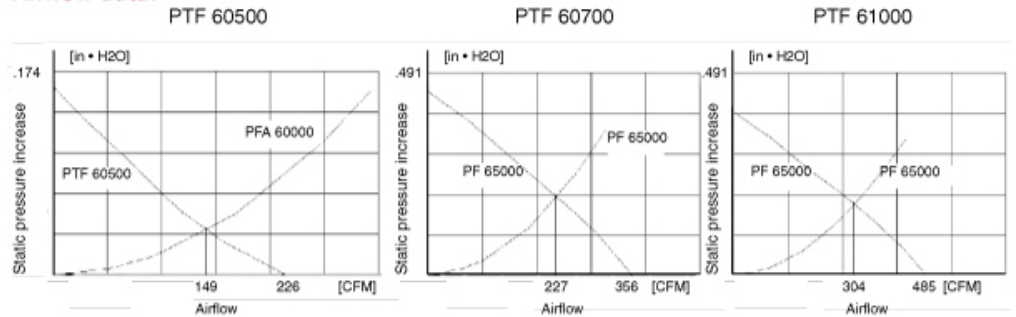
- Maintains a NEMA 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Metal Pagoda Cover for rugged environments, easily painted to match machine color
- Fan Motor is CSA Approved

Accessories

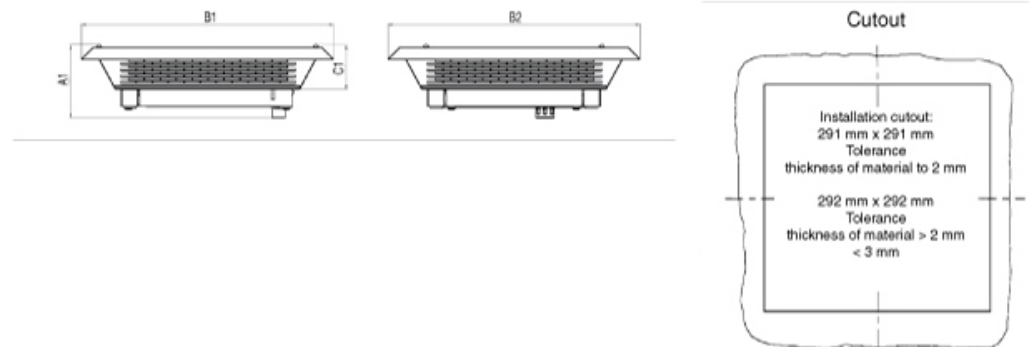
- Exhaust Filters
- Thermostats
- Replacement Filters



Airflow data:



Mechanical data:



Part Number	Voltage	Power	H	W	D	Installed Depth	Mating Exhaust Filter
PTF60500LG	115V	24W	4.92	16.93	16.93	1.97	PFA60000LG
PTF60500LG230	230V	24W	4.92	16.93	16.93	1.97	PFA60000LG
PTF60700LG	115V	90W	5.51	18.50	18.50	1.97	PFA60000LG
PTF60700LG230	230V	80W	5.51	18.50	18.50	1.97	PFA60000LG
PTF61000LG	115V	170W	5.51	18.50	18.50	1.97	PFA60000LG
PTF61000LG230	230V	150W	5.51	18.50	18.50	1.97	PFA60000LG

Airflow data	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
Filter material	NEMA 12 Filtermat	NEMA 12 Filtermat	NEMA 12 Filtermat	NEMA 12 Filtermat
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	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
Bearing type	ball bearings	ball bearings	ball bearings	n/a
Fitting position	horizontal	horizontal	horizontal	any
Construction	metal chassis cover powder coated, snapin plastic housing			
Weight	5.5 kg	5.8 kg	6.0 kg	3.1 kg
Safety protection	in accordance with DIN 31 001			
Color	RAL 7035, Light Grey			
Connections	terminal strip	terminal strip	terminal strip	n/a

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