Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

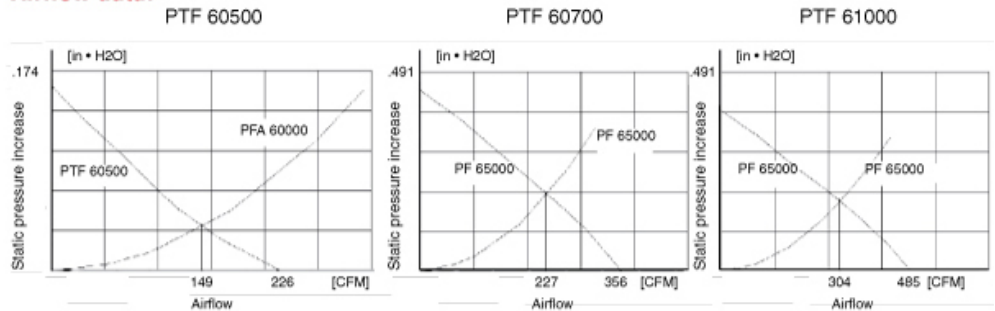# 266-485 CFM Top Mount Filterfans *PTF GEN4 Series*
Type 12

- 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
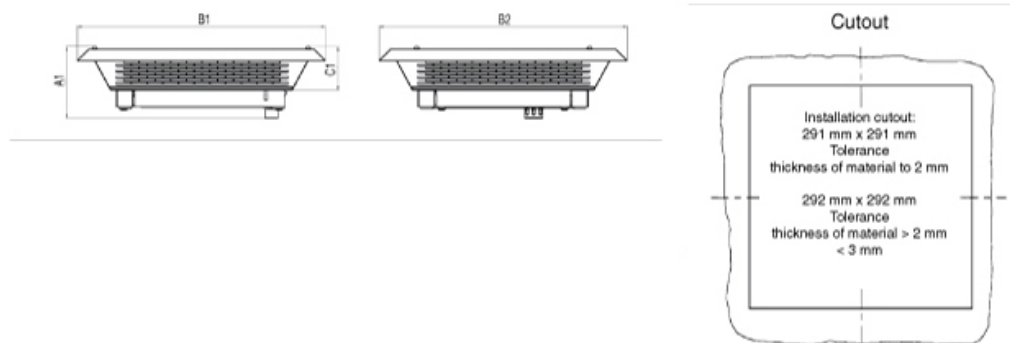- Fan Motor is CSA Approved

Accessories

- Exhaust Filters
- Replacement Filters

Airflow data:

Mechanical data:

Cutout

Installation cutout:
291 mm x 291 mm
Tolerance
thickness of material to 2 mm

292 mm x 292 mm
Tolerance
thickness of material > 2 mm
< 3 mm

Part Number	Voltage	Power	Mating Exhaust Filter	Ship Wt. lbs.
PTF60500LG	115V	24W	**PFA60000LG**	14
PTF60500LG230	230V	24W	**PFA60000LG**	14
PTF60700LG	115V	90W	**PFA60000LG**	14
PTF60700LG230	230V	80W	**PFA60000LG**	14
PTF61000LG	115V	170W	**PFA60000LG**	15
PTF61000LG230	230V	150W	**PFA60000LG**	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	0.8100000000000001	0.8100000000000001	0.8100000000000001	-
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	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
(height x width x installation depth)				
Bearing type	ball bearings	ball bearings	ball bearings	-
Fitting position	horizontal	horizontal	horizontal	any
Construction	metal chassis cover powder coaded, 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