

Filterfan PTF 60500, 60700, 61000 / Exhaust Filter PTFA 60000



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

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
Unimpeded airflow	226 CFM	356 CFM	485 CFM	-
Cooling Dissipation (W)/°T	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	81%	81%	81%	-
Filter material grade	G 3 (DIN EN 779)	G 3 (DIN EN 779)	G 3 (DIN EN 779)	-
Duty cycle	100%	100%	100%	-

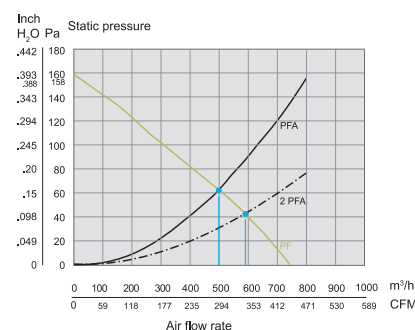
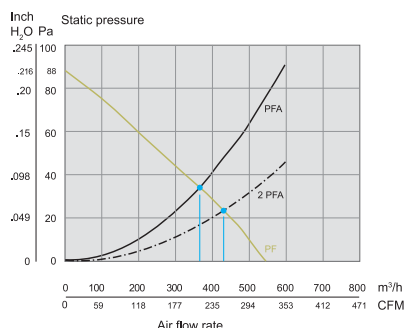
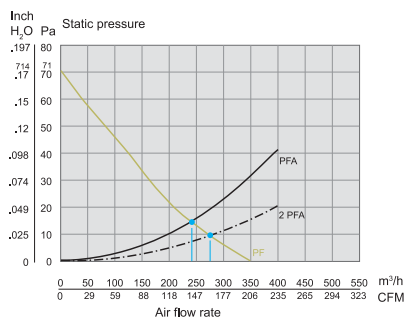
Technical data	PTF 60500	PTF 60700	PTF 61000	PTFA 60000
Outside dimensions in mm (height x width x installation depth)	125 x 430 x 430 x 50	140 x 470 x 470 x 50	140 x 470 x 470 x 50	-
Bearing type	ball bearings	ball bearings	ball bearings	-
Fitting position	horizontal	horizontal	horizontal	any
Construction	metal chassis cover powder coated, snap-in 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	-
Approval	NEMA Type 12, IP 55 (EN 60 529), when installed as specified			-

Technical references and CAD downloads available at www.hammondmfg.com

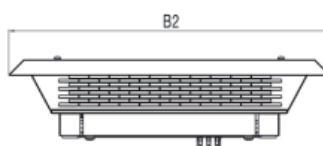
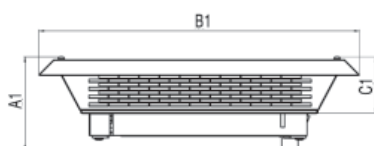
All dimensions in inches unless specified otherwise

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Airflow Data:

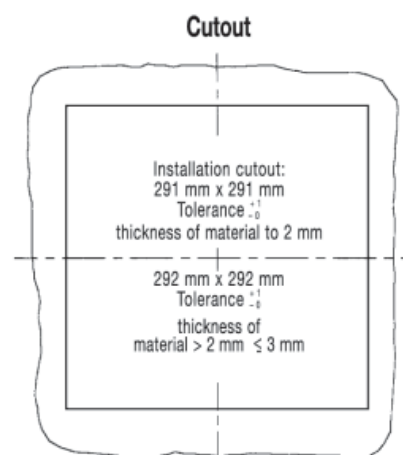


Mechanical Data:



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

Airflow data:	PTFA 60000
Filter material	P 300
Filtration efficiency	81%
Filter material grade (DIN EN 779)	G 3



Climate Control

Technical data:	PTFA 60000
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, UL 94 VO
Weight	3.1 kg
Safety protection	in accordance with DIN 31 001
Color	RAL 7035, RAL 7032, other colors on request

Supplementary data:	PTFA 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	90%
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

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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