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589 CFM Top Mount Filterfan *PTF GEN4 Series*

Type 12

Features



- High Airflow, Energy efficient fan.
- Exhausts excess heat from within enclosures.
- Maintains a NEMA 12 or NEMA 3R seal against enclosure
- Metal pagoda cover for rugged environments,
- Cover can easily be removed and painted to match enclosure/machine color
- Space saving design - Flush mount with no intrusion into enclosure
- Replace filters easily by removing top plate
- Requires 2 x PFA inlet filter grills for most efficient performance.
- Finished in RAL 7035 light gray. Top pagoda cover for 3R version is unpainted stainless steel.
- Certified to UL 508A, UL File #E489500
- Fan motor is cUL approved

Accessories

- Exhaust Filters
- Thermostats
- Replacement Filters
- Mechanical Humidistat



Part Number	Voltage (AC)	Power	H	W	D	Installed Depth	Mating Inlet Filter (2 x Required)
PTF1200LG	115V	170W	6.10	11.81	11.81	0.00	PFA60000LG
PTF1200T3RSS							
PTF1200LG230	230V	170W	6.10	11.81	11.81	0.00	PFA60000LG
PTF1200T3RSS230							

Airflow data	PTF 1200
Filter material	NEMA 12 Filtermat
Unimpeded airflow	589 CFM
Airflow in combination	512 CFM
(Filterfan + (2)Exhaust Filter)	(PTF1200 + (2) PFA60000)
Max. static pressure (Airflow = 0)	71 Pa
Filtration efficiency	0.81
Filter material grade	G4
Duty cycle	1

Technical data	PTF 1200 T12 LG	PTF 1200 T3R SS
Bearing type	ball bearings	
Fitting position	horizontal	
Construction	Sheet steel, powder-coated. Screw mounting on the enclosure roof	304SS material. Screw mounting on the enclosure roof
Weight	6.5kg	
System of protection (UL 50)	IP 54 / NEMA Type 12	IP 54 / NEMA Type 3R
Color	RAL 7035, Light Grey	Brushed finish
Connections	X-COM plug	
Noise Level (EN ISO 3741)	74 dB	
Service Life L10 (+ 40°C)	approx. 70,000 h	
Cut-out Dimensions (mm)	229 X 229	

Supplementary data	PTF 1200 115V	PTF 1200 230V
Operating temperature °C / °F	- 25 ... + 50°C / - 13 ... + 122°F	- 25 ... + 60°C / - 13 ... + 140°F
Storage temperature °C / °F	- 40 ... + 80°C / - 40 ... + 175°F	
Max. relative humidity	0.9	
Accessories	Thermostat, Hygrostat, radiant heater, fan heater- see Thermal Management	
Approvals	cULus, CE	

Tags: **Type 12, filterfan, fan, grill, CFM, airflow, filtration, pagoda, cover, filter, top mount**

Data subject to change without notice

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