



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!



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94-169 CFM Filterfans *PF GEN4 Series*

Type 12



- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508a, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

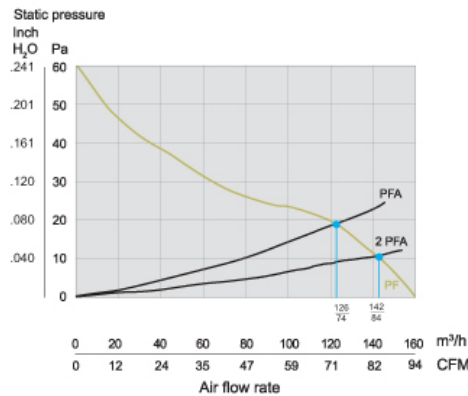
Accessories

- Exhaust Filters
- Replacement Filters

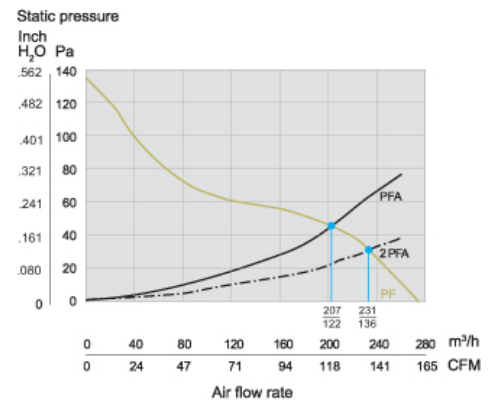


Airflow Data:

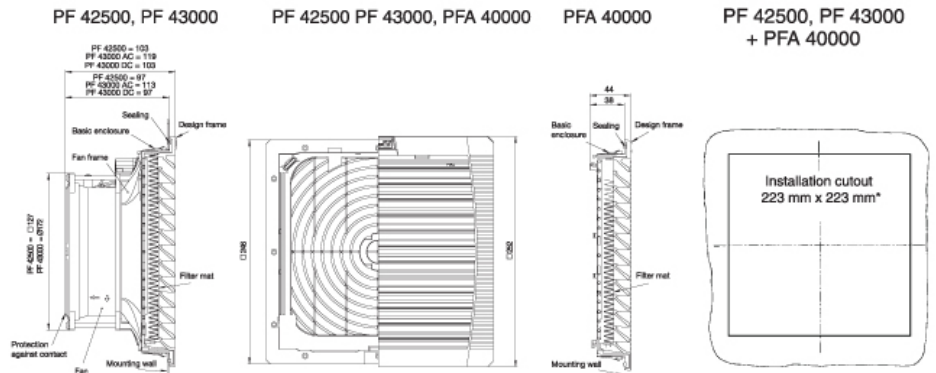
PF 42.500 IP55 / PFA 40.000 IP55



PF 43.000 IP55 / PFA 40.000 IP55



Mechanical Data:



Part Number	Part Number	Voltage	Power	Mating Exhaust Filter	Mating Exhaust Filter	Ship Wt. lbs.
PF42500T12LG	PF42500T12BK	115V	20W	PFA40000LG	PFA40000BK	4

Part Number	Part Number	Voltage	Power	Mating Exhaust Filter	Mating Exhaust Filter	Ship Wt. lbs.
PF42500T12LG230	PF42500T12BK230	230V	18W	PFA40000LG	PFA40000BK	4
PF42500T12LG24	PF42500T12BK24	24V	5W	PFA40000LG	PFA40000BK	4
PF43000T12LG	PF43000T12BK	115V	40W	PFA40000LG	PFA40000BK	5
PF43000T12LG230	PF43000T12BK230	230V	39W	PFA40000LG	PFA40000BK	5
PF43000T12LG24	PF43000T12BK24	24V	12W	PFA40000LG	PFA40000BK	5

Airflow data	PF 42500	PF 43000	PFA 40000
Filter material	NEMA Type 12 Filtermat	NEMA Type 12 Filtermat	NEMA Type 12 Filtermat
Unimpeded airflow	94 CFM	169 CFM	-
Capacity free-flow	53 W/K	188 W/K	-
Airflow in combination	67 CFM	142 CFM	-
(Filterfan + Exhaust Filter)	(PF 42500 + PFA 40000)	(PF 43000 + PFA 40000)	-
Capacity in combination	38 W/K	69 W/K	-
(Filterfan + Exhaust Filter)	(PF 43000 + PFA 40000)	(PF 43000 + PFA 40000)	-
Max. static pressure (Airflow = 0 m ³ /h)	49 Pa	112 Pa	-
Filtration efficiency	0.91	0.91	0.91
Filter material grade	G 4 (DIN EN 779)	G 4 (DIN EN 779)	G 4 (DIN EN 779)
Duty cycle	1	1	-

Technical data	PF 42500 AC/DC	PF 43000 AC/DC	PFA 40000
Outside dimensions in mm (height x width x installation depth)	252 x 252 x 97	252 x 252 x 113	252 x 252 x 38
Bearing type / Lagerart	ball bearings	ball bearings	-
Fitting position / Einbaulage	any, horizontal airflow preferred		any
Construction	housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO		
Weight	1.18 kg	1.67 kg	0.46 kg
Safety protection	in accordance with DIN 31 001		
Color	RAL 7035, Light Grey		
Connections / Anschlussart	cage clamp	cage clamp	-

Supplementary data	PF 42500	PF 43000	PFA 40000
Operating temperature	- 15 °C (- 5 °F) to / bis + 55 °C (+ 131 °F)		
Storage temperature	- 20 °C (- 4 °F) to / bis + 70 °C (+ 158 °F)		
Max. relative humidity	0.9		
System of protection	NEMA Type 12, IP 55 (EN 60 529), when installed as specified		
Basic Accessories	parts kit filter mat, user manual radiant heater, fan heater, thermostat, hygostat		
Approvals	UL Recognized		
* Tolerance installation cutout	223 + 1/-0 thickness of material to 2 mm		
	224 + 1/-0 thickness of material > 2 mm < 3 mm		

