

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

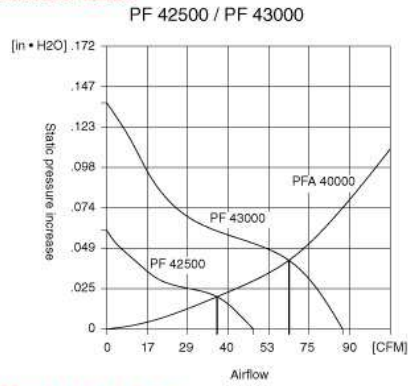
Accessories



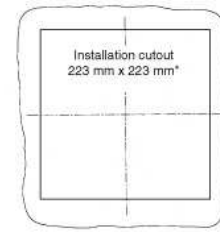
- [Exhaust Filters](#)

- [Replacement Filters](#)

Airflow data:



PF 42500, PF 43000 + PFA 40000

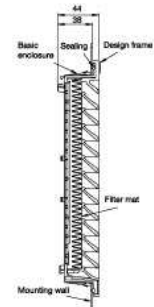
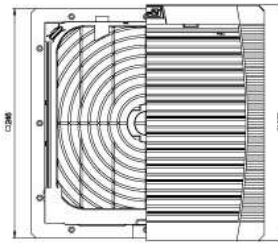
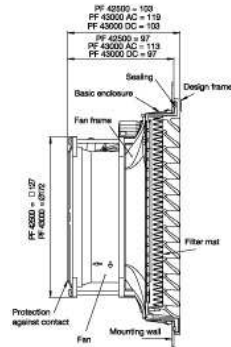


Mechanical data:

PF 42500, PF 43000

PF 42500 PF 43000, PFA 40000

PFA 40000



Part Number	Voltage	Power	Mating Exhaust Filter	Ship Wt. lbs.
PF42500T12LG	115V	20W	PFA 40000LG	4
PF42500T12LG230	230V	18W	PFA 40000LG	4
PF42500T12LG24	24V	5W	PFA 40000LG	4
PF43000T12LG	115V	40W	PFA 40000LG	5
PF43000T12LG230	230V	39W	PFA 40000LG	5
PF43000T12LG24	24V	12W	PFA 40000LG	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, hygrostat		
Approvals	UL Recognized		
* Tolerance installation cutout	177 + 1/-0 thickness of material to 2 mm		
	178 + 1/-0 thickness of material > 2 mm < 3 mm		

Data subject to change without notice.