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# 94-169 CFM Filterfans PF GEN4 Series

Type 12



## Features

- 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 V0 fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

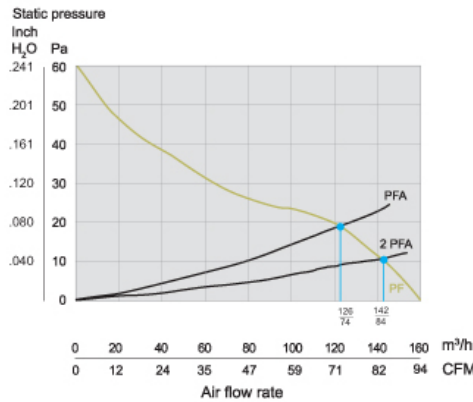
## Accessories

- Exhaust Filters
- Filterfan Rainhoods - 4/4X
- Thermostats
- Replacement Filters
- Filterfan Rainhoods - 3R

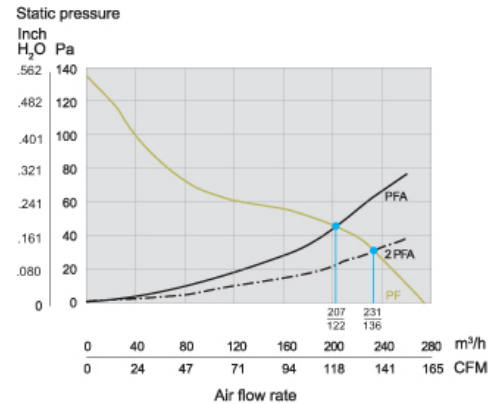


## Airflow Data:

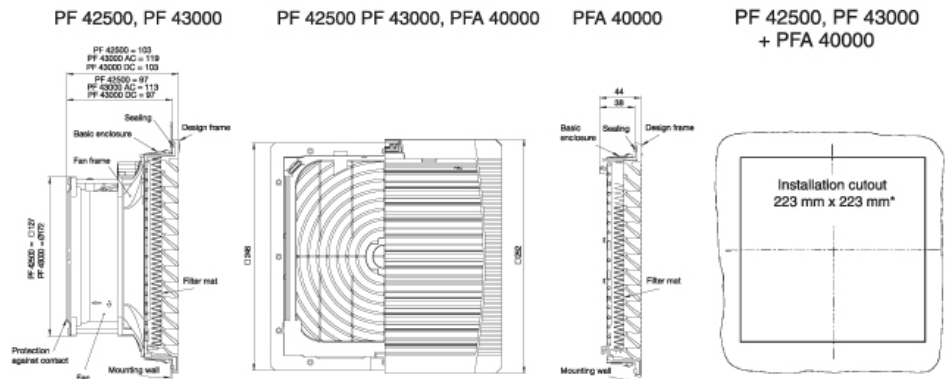
PF 42.500 IP55 / PFA 40.000 IP55



PF 43.000 IP55 / PFA 40.000 IP55



## Mechanical Data:



Part Number Light Gray RAL7035	Part Number Black RAL9011	Voltage	Power	Exhaust Filter Light Gray RAL7035	Exhaust Filter Black RAL9011
PF42500T12LG	PF42500T12BK	115V	20W	PFA40000LG	PFA40000BK
PF42500T12LG230	PF42500T12BK230	230V	18W	PFA40000LG	PFA40000BK
PF42500T12LG24	PF42500T12BK24	24V	5W	PFA40000LG	PFA40000BK
PF43000T12LG	PF43000T12BK	115V	40W	PFA40000LG	PFA40000BK
PF43000T12LG230	PF43000T12BK230	230V	39W	PFA40000LG	PFA40000BK
PF43000T12LG24	PF43000T12BK24	24V	12W	PFA40000LG	PFA40000BK

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 <sup>3</sup> /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		-
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 LG	RAL 7035, Light Grey		
Color BK	RAL9011 Black		
Connections / Anschlussart	cage clamp	cage clamp	-
Noise Level (EN ISO 3741)	43 dB (A)	46 dB (A)	

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		

Data subject to change without notice



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