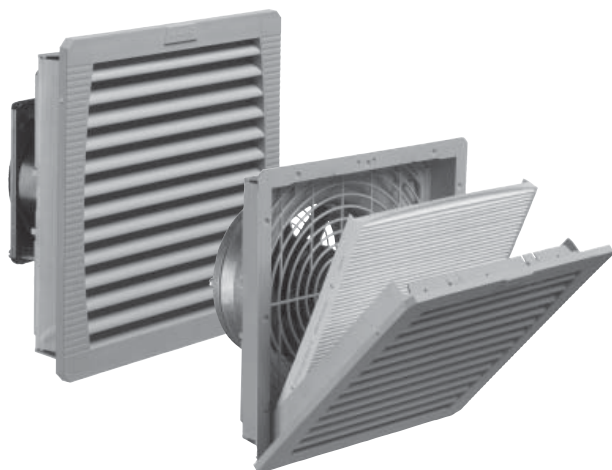


Filterfan PF 42500-43000 / Exhaust Filter PFA 40000



Features

- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508a, category NITW2/8, UL File #E175229
- CSA #246217
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Options: Black Grills

Part Number	Voltage	Power	Mating Exhaust Filter	Ship Wt. lbs.
PF42500T12LG	115V	20W	PFA40000LG	4
PF42500T12LG230	230V	18W	PFA40000LG	4
PF42500T12LG24	24V* DC	5W	PFA40000LG	4
PF43000T12LG	115V	40W	PFA40000LG	5
PF43000T12LG230	230V	39W	PFA40000LG	5
PF43000T12LG24	24V* DC	12W	PFA40000LG	5

Climate Control

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	-
Cooling Dissipation (W)/°T	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 m3/h)	49 Pa	112 Pa	-
Filtration efficiency	91%	91%	91%
Filter material grade	G 4 (DIN EN 779)	G 4 (DIN EN 779)	G 4 (DIN EN 779)
Duty cycle	100%	100%	-

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	ball bearings	ball bearings	-
Fitting position	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	cage clamp	cage clamp	
Approval	NEMA Type 12, IP 55 (EN 60 529), when installed as specified		

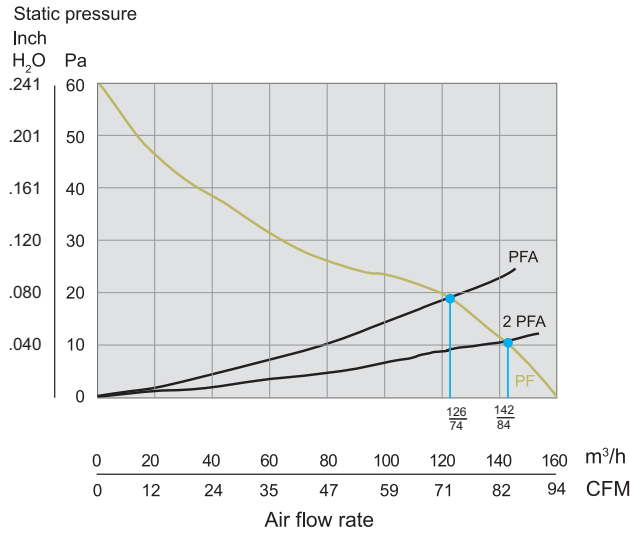
 Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

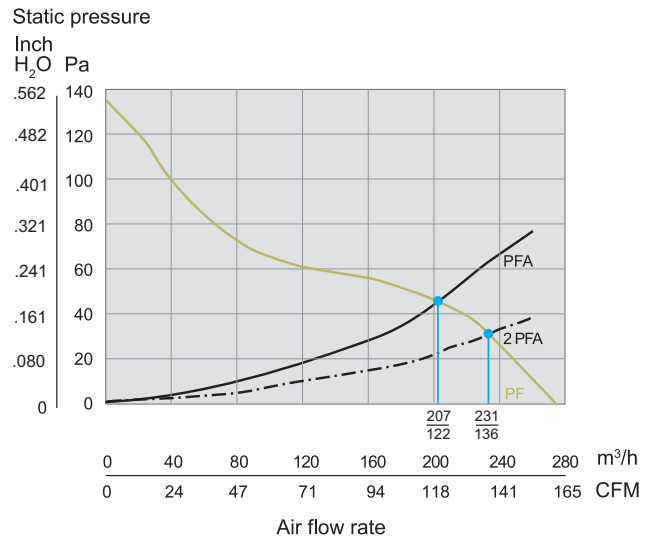
Filterfan PF 42500-43000 / Exhaust Filter PFA 40000

Airflow Data:

PF 42.500 IP55 / PFA 40.000 IP55

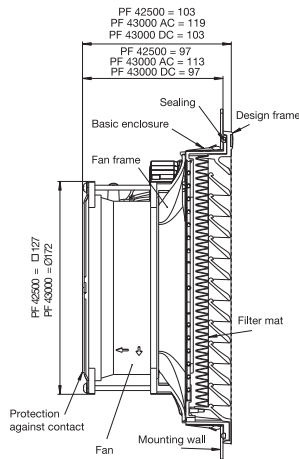


PF 43.000 IP55 / PFA 40.000 IP55

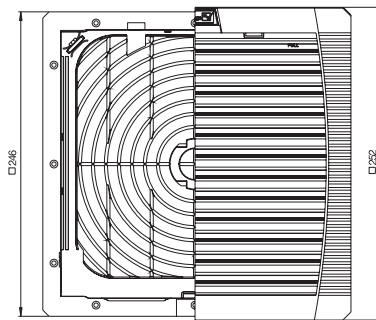


Mechanical Data:

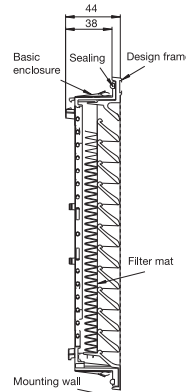
PF 42500, PF 43000



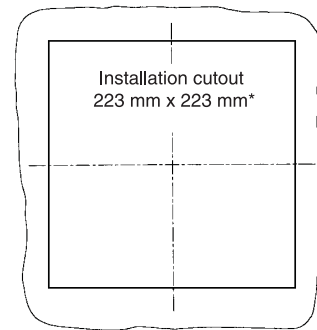
PF 42500 PF 43000, PFA 40000



PFA 40000



PF 42500, PF 43000 + PFA 40000



Climate Control

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	90%		
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		
* Tolerance installation cutout	177 + 1/-0 thickness of material to 2 mm		
	178 + 1/-0 thickness of material > 2 mm < 3 mm		