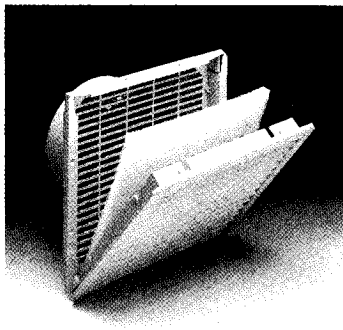


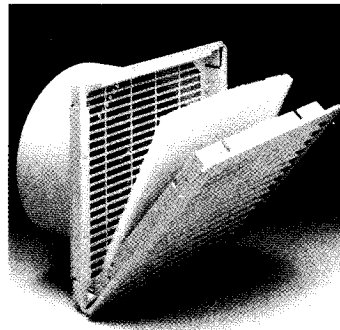


Filter Fan PF 5.000, PF 6.000



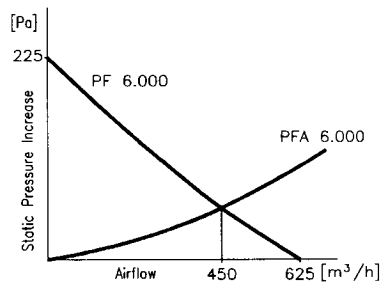
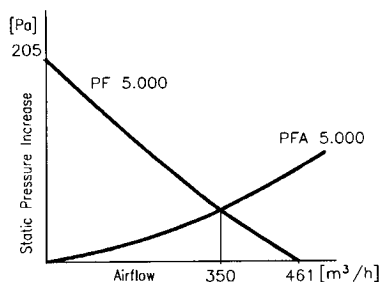
PF 5.000

For larger switchgear installations with higher demands of heat extraction.



PF 6.000

For larger switchgear installations where extreme heat extraction is needed whilst maintaining the required I.P. protection rating.



Airflow Data:

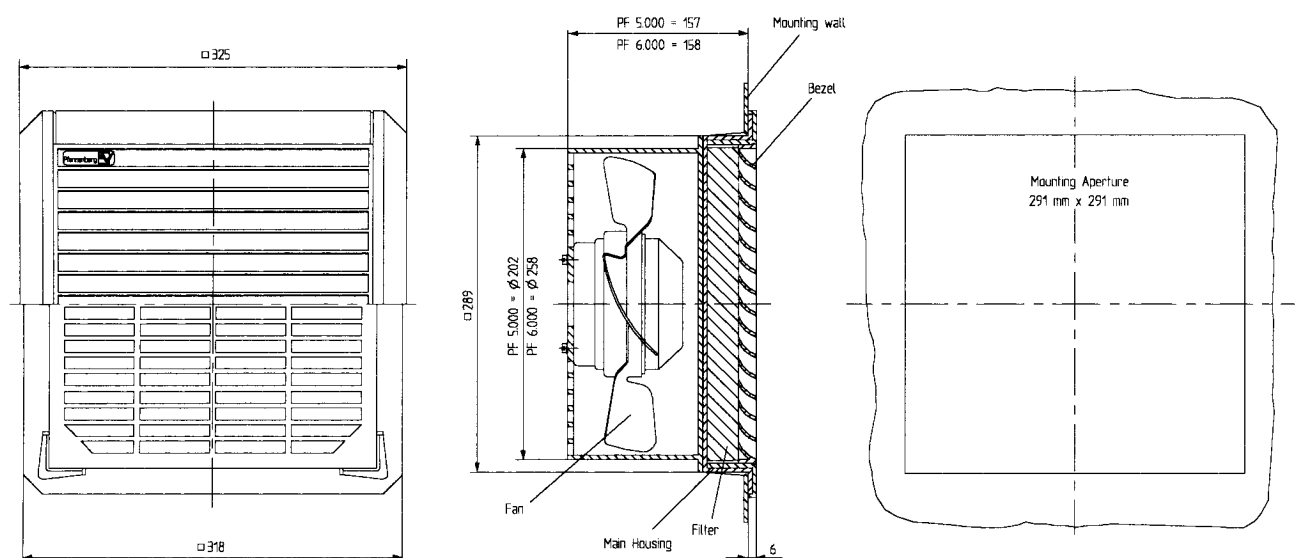
Type	PF 5.000	PF 6.000
Filter Material *)	350 g/m²	350 g/m²
Unhindered Airflow	461 m³/h	625 m³/h
Combined Airflow (Filter Fan and Exhaust Filter)	350 m³/h (PF 5.000 + PFA 5.000)	450 m³/h (PF 6.000 + PFA 6.000)
Max. Static Pressure (Airflow = 0 m³/h)	205 Pa	225 Pa
Filtration Efficiency	83 %	
Filter Material Grade (DIN 24 185)	EU 3	
Noise Level (DIN 45 635)	69 dB(A)	71 dB(A)
Duty Rating	100 %	
*) Standard Filter Material 350 g/m² (alternative Filters in 150 g/m² and 500 g/m²)		

Electrical Data:

AC 50 Hz/60 Hz

Nominal Voltage	Electrical Data	Type	
		PF 5.000	PF 6.000
400 V 3 Phase	Operating Range Power Consumption	—	320 V...420 V 155 VA
230 V	Operating Range Power Consumption	190 V...245 V 56 VA	190 V...245 V 155 VA
115 V	Operating Range Power Consumption	103 ... 127 V 56 VA	98 V... 127 V 155 VA

Mechanical Data:



Type	PF 5.000	PF 6.000
Outside Dimensions in mm (Height x Width x Installation Depth)	325 x 325 x 157	325 x 325 x 158
Bearing Type	Ball Bearings	
Installation Orientation	any, horizontal airflow preferred	
Construction	Housing and Guard from sprayed thermoplastic (ABS-FR) self-extinguishing similar to UL 94 VO	
Service Life	min. 20 000 h	
Weight	3,0 kg	
Safety Protection	In accordance with DIN 31 001	
Colour	Similar to RAL 7032 (Lt. Grey), or Black, other colours on request	
Connections	Terminal Strip	

Further Information:

Climatic Data Operating Temperature Storage Temperature Max. Rel. Humidity	-10 °C to +50 °C -20 °C to +70 °C 90 %
Protection Rating	IP 54 (DIN 40 050), when installed as specified
Basic Parts Kit	Standard Filter, Cut Out Template, Filter Cleaning Instructions and Maintenance Schedule
Accessories	Radiant Heater, Fan Heater, Thermostat, Rubber Seal
Approvals	German Lloyd (GL)
Ordering Example	Filter Fan PF 5.000 + Exhaust Filter PFA 5.000 Standard Filter Standard Filter 230 V/50 Hz
Further Catalogue Information	Installation Instructions see p 39 Selection Diagram see p 4 and 5 Accessories see p 38