

PF 33000 SL

Slim Line Filterfans 4.0™



Pfannenberg Filterfans® with low installation depth

- Installation size 3, air flow rate up to 115 CFM
- System of protection IP 55, NEMA 12
- UL, cUL to NITW2 Category and CE approved, CSA pending

Data	PF33000 SL			Unit	
Part number	RAL 9011 (Black Grill)	11633106050	11633156050	11633806050	
	RAL 7035 (Lt. Gray Grill)	11633106055	11633156055	11633806055	
	AC 50 Hz / 60 Hz		DC		
Rated voltage ± 10 %	230	115	24	V	
Unimpeded airflow (CFM2)	152 (258)			CFM (m ³ /h)	
Air flow rate in combination (PF + PFA 30000) (CFM3)	115 (196)				
Power consumption	19 / 18	20 / 20	5	W	
Current consumption	0.12 / 0.18	0.24 / 0.23	0.21	A	
Noise level (according to EN ISO 3741)	40				
Weight	1.9 (0.87)		1.3 (0.61)	lb (kg)	
Type of connection	terminal strip		cable, 2-core, length 310 mm		
Fuse (maximum)	6			A	
System of protection according to EN 60529 / UL 50	NEMA 12 - fluted filter / IP 55				
Filtration efficiency	91			%	
Filter mat quality class ¹	G 4				
Duty cycle	100			%	
Bearing type	sleeve bearing		ball bearing		
Service life L ₁₀ (+ 40 °C) ²	37500	40000	62500	h	
Temperature range	+ 5 ... + 131 / - 15 ... + 55			°F / °C	
Material Protection Rating	made of injection-molded thermoplastic, self-extinguishing, UL 94 VO, UV-resistant optional				

Accessories	Piece	Part number	Information on page
Exhaust filter PFA 30000	RAL 9011 (Black Grill)	11730004050	171
	RAL 7035 (Lt. Gray Grill)	11730004055	171
Thermostat FLZ 530° F	1	17121000010	186

¹ according to DIN EN 779

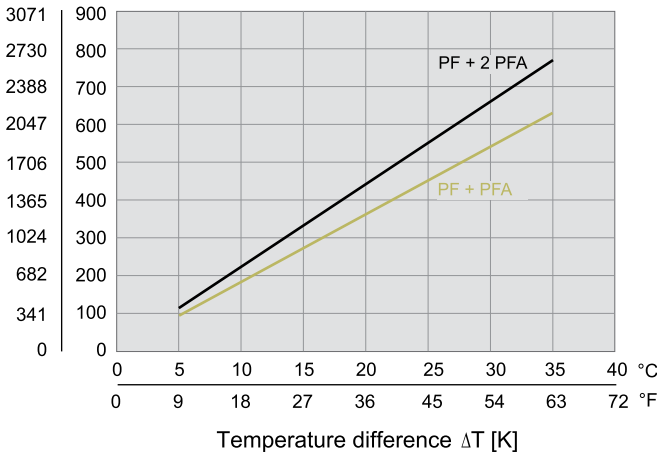
² fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

Approvals see page 148

Cooling Capacity Performance Curves	Static Pressure Performance Curves
PF 33000 SL	PF 33000 SL

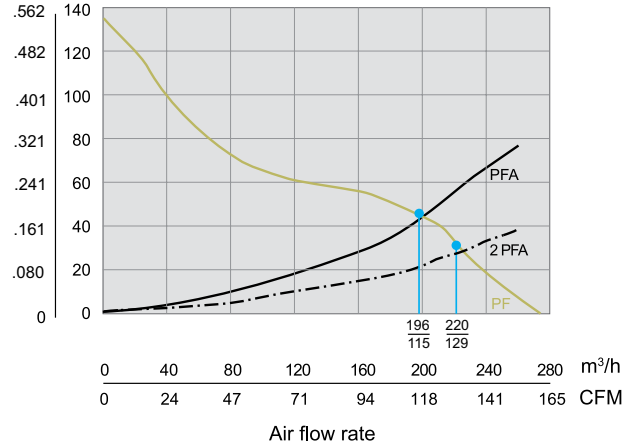
Cooling capacity

BTU W



Static pressure

Inch H₂O Pa



Dimensions

inches (mm)	PF 33000 SL		PFA 30000
	AC	DC	Exhaust
X	7.95 (202)	7.95 (202)	7.95 (202)
Y	7.95 (202)	7.95 (202)	7.95 (202)
Z1	.24 (6)	.24 (6)	.24 (6)
Z2	3.43 (87)	3.19 (81)	1.34 (34)
A¹	6.97 (177) ²	6.97 (177) ²	6.97 (177) ²
B¹	6.97 (177) ²	6.97 (177) ²	6.97 (177) ²

¹ for material thicknesses up to .07" (2 mm)
+1 mm for thickness of material > .07" (2 mm) ≤ 1.2" (3 mm)

² add .039" (1 mm) for EMC version

