

PF 22000

Filterfan®

PFA 20000

Exhaust filter

- Installation size 2, air flow rate up to 38 CFM
- System of protection IP 55, NEMA Type 12
- UL, cUL to NITW2 Category and CE approved, CSA pending
- Cut-out compatible with installation size 2 from the 3rd Generation (see page 159)



Options:

- **UV-resistance / EMC, consult factory for part numbers**

Data	PF 22000					Unit	
Part number	RAL 9011 (Black Grill)	11622104050	11622154050	11622854050	11622804050	1162704050	
	RAL 7035 (Lt. Gray Grill)	11622104055	11622154055	11622854055	11622804055	1162704055	
	AC 50 Hz / 60 Hz			DC			
Rated voltage ± 10 %	230	115	12	24	48		V
Unimpeded airflow (CFM2)	38 (64)						CFM (m³/h)
Air flow rate in combination (PF + PFA 20000) (CFM3)	28 (46)						
Power consumption	19 / 18	20 / 20	5	5	5		W
Current consumption	0.12 / 0.18	0.24 / 0.23	0.42	0.21	0.1		A
Noise level (according to EN ISO 3741)	44 / 44		44				
Weight	1.5 (0.7)		.97 (0.44)				lb (kg)
Type of connection	terminal strip		cable, 2-core, length 310 mm				
Fuse (Recommended)	6						A
System of protection according to EN 60529 / UL 50	NEMA Type 12 - fluted filter / IP 55						
Filtration efficiency	91						%
Filter mat quality class¹	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 20000			
RAL 9011 (Black Grill)	1	11720004050	164
RAL 7035 (Lt. Gray Grill)	1	11720004055	164
Thermostat FLZ 530° F	1	17121000010	174

¹ according to DIN EN 779

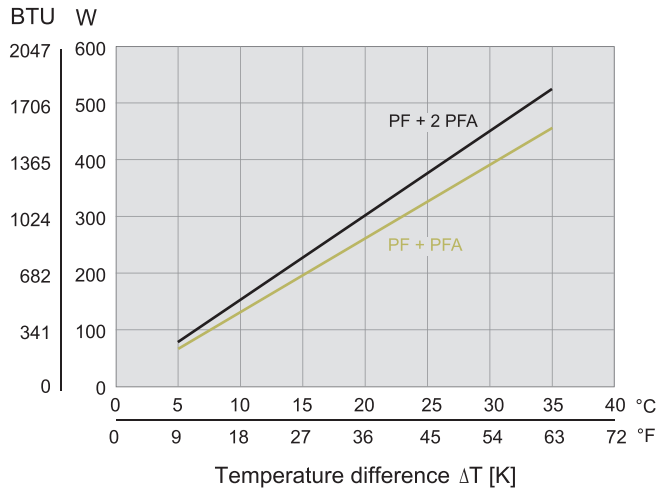
² fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

Approvals see page 132

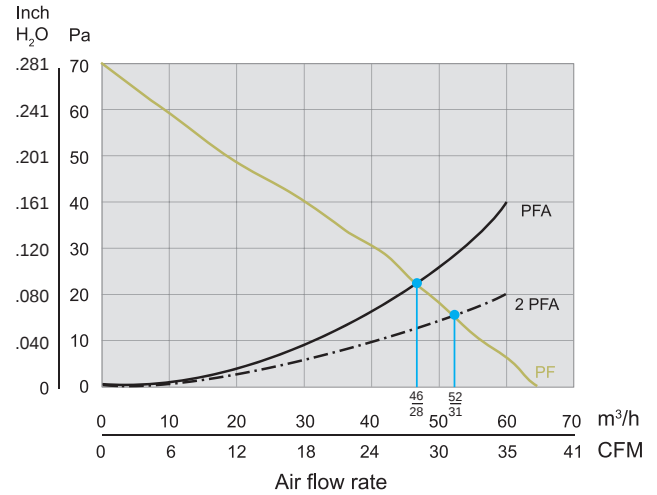


Cooling Capacity Performance Curves	Static Pressure Performance Curves
PF 22000 T12/IP 55 (& UV option)	PF 22000 T12/IP 55 (& UV option)

Cooling capacity



Static pressure



Dimensions

inches (mm)	PF 22000		PFA 20000
	AC	DC	Exhaust
X	5.71 (145)	5.71 (145)	5.71 (145)
Y	5.71 (145)	5.71 (145)	5.71 (145)
Z1	.2 (5)	.2 (5)	.2 (5)
Z2	2.76 (70)	2.52 (64)	1.02 (26)
A'	4.92 (125) ²	4.92 (125) ²	4.92 (125) ²
B'	4.92 (125) ²	4.92 (125) ²	4.92 (125) ²

¹ for material thicknesses up to .07" (2 mm)
+1 mm for thickness of material > .07" (2 mm) ≤ .12" (3 mm)

² add .039" (1 mm) for EMC version

