

HAMMOND-PFANNENBERG OUTDOOR RATED FILTERFAN® (NEMA 3R)



RAIN, SHINE OR SNOW...WE HAVE YOU PROTECTED



For over 60 years Pfannenbergs has been protecting electrical enclosures from heat damage and ingress of liquid and solid objects. For indoor applications, Filterfan® protects against water and dust (NEMA 12/IP55). For extreme applications (NEMA 4/4X) the addition of a rainhood provides weatherproof protection.

Hammond Manufacturing now offers the Pfannenbergs Outdoor Rated Filterfan® (NEMA 3R) designed for outdoor weather where resistance against falling rain, ice formation, and UV degradation is important to ensure operation of apparatus inside enclosure.



VALUE AND BENEFITS

Outdoor Weather Ready

Protection against ingress of falling dirt, and harmful effects on sensitive components against rain, sleet, snow and even external ice formation. (NEMA 3R rating)

Optimized Air Flow

Louvers design is optimized to provide maximal airflow while providing supreme ingress protection; combined with best in class fans produces improved air flow to prevent hotspots

Less Frequent Maintenance

The fluted filter-mat provides 3x longer service life, holding more dust before impeding airflow extending the mean time between maintenance (MTBM) for outdoor enclosure; especially critical for those locate in remote area.

Low Initial Investment

Traditional outdoor solution requires installation of a metal hood (rainhood) over the filter fan. The Outdoor Rated Filterfan® (NEMA 3R) eliminates the component and labor cost, and the patented tool-free installation reduces up front investment.

Prolonged Life

UV resistant plastic to prevent premature degradation from direct sunlight



IDEAL APPLICATIONS

- Pump panels for irrigation, water/waste water
- Lighting control box for traffic, field/stadiums
- Outdoor communication (IT) structures
- Energy storage and charging systems
- Transportation systems – Bridges, Highways, Tolls, Rail

CONFIGURATIONS

- Multiple unimpeded airflow ratings (up to 560cfm)
- Matching Outdoor rated (NEMA 3R) exhaust filter
- Two color choices – Black (RAL 9011) and Light Gray (RAL 7035)
- AC and DC Voltages – 115VAC, 230VAC, 460VAC and 24VDC
- Accessories & Spare parts – Replacement fluted filter mats, Thermostats, Hygrostats, Heaters

Part Numbers		Voltage	Air Flow Rate		Physical Dimension (W x H x D) inch	Cutout Dimension (W x H) inch (mm)
Light Gray RAL 7035	Black RAL 9011		CFM ² (Unimpeded - Filterfan assembly uninstalled)	CFM ³ (Installed with one FilterFan and one Exhaust Filter)		
PF Series Filterfans® 4.0 - Outdoor Rated (NEMA 3R)						
PF22000T3RLG	PF22000T3RBK	115 VAC	38 cfm	28 cfm	5.71 x 5.71 x 2.76	4.92 x 4.92 (125 x 125)
PF22000T3RLG230	PF22000T3RBK230	230 VAC				
PF22000T3RLG24	PF22000T3RBK24	24 VDC				
PF32000T3RLG	PF32000T3RBK	115 VAC	65 cfm	38 cfm	7.95 x 7.95 x 3.66	6.97 x 6.97 (177 x 177)
PF32000T3RLG230	PF32000T3RBK230	230 VAC				
PF32000T3RLG24	PF32000T3RBK24	24 VDC				
PF42500T3RLG	PF42500T3RBK	115 VAC	94 cfm	74 cfm	9.92 x 9.92 x 4.05	8.78 x 8.78 (223 x 223)
PF42500T3RLG230	PF42500T3RBK230	230 VAC				
PF42500T3RLG24	PF42500T3RBK24	24 VDC				
PF43000T3RLG	PF43000T3RBK	115 VAC	155 cfm	122 cfm	9.92 x 9.92 x 4.69	8.78 x 8.78 (223 x 223)
PF43000T3RLG230	PF43000T3RBK230	230 VAC				
PF43000T3RLG24	PF43000T3RBK24	24 VDC				
PF65000T3RLG	PF65000T3RBK	115 VAC	297 cfm	224 cfm	12.6 x 12.6 x 6.18	11.46 x 11.46 (291 x 291)
PF65000T3RLG230	PF65000T3RBK230	230 VAC				
PF66000T3RLG	PF66000T3RBK	115 VAC	462 cfm	295 cfm	12.6 x 12.6 x 6.18	11.46 x 11.46 (291 x 291)
PF66000T3RLG230	PF66000T3RBK230	230 VAC				
PF66000T3RLG460	PF66000T3RBK460	460 VAC				
PF67000T3RLG	PF67000T3RBK	115 VAC	560 cfm	368 cfm	12.6 x 12.6 x 6.18	11.46 x 11.46 (291 x 291)
PF67000T3RLG230	PF67000T3RBK230	230 VAC				
PF67000T3RLG460	PF67000T3RBK460	460 VAC				
PFA Series Exhaust Filters - Outdoor Rated (NEMA 3R)						
PFA20000T3RLG	PFA20000T3RBK	-	-	-	5.71 x 5.71 x 1.22	4.92 x 4.92 (125 x 125)
PFA30000T3RLG	PFA30000T3RBK	-	-	-	7.95 x 7.95 x 1.57	6.97 x 6.97 (177 x 177)
PFA40000T3RLG	PFA40000T3RBK	-	-	-	9.92 x 9.92 x 1.74	8.78 x 8.78 (223 x 223)
PFA60000T3RLG	PFA60000T3RBK	-	-	-	12.6 x 12.6 x 1.8	11.46 x 11.46 (291 x 291)



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