

# PFANNENBERG OUTDOOR RATED FILTERFAN® (NEMA 3R)



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



For over 60 years Pfannenberg has been protecting electrical enclosures from heat damage and ingress of liquid and solid objects. For indoor applications our Filterfan® protects against water and dust (NEMA 12/IP55). For extreme applications (NEMA 4/4X) the addition of a rainhood provides weatherproof protection. The Pfannenberg Outdoor Rated Filterfan® (NEMA 3R) is 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 hotspot

### 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.

### Prolong Life

UV resistance 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 rating (up to 560cfm)
- Matching Outdoor rated (NEMA 3R) exhaust filter
- Two color choice – Black (RAL 9011) and Light Grey (RAL 7035)
- AC and DC Voltages – 115Vac, 230Vac, 460Vac and 24Vdc
- Accessories & Spare parts – Replacement fluted filter mat, Thermostat, Hygrostats, Heaters

Type	Voltage	Air Flow Rate		Physical Dimension (W x H x D) inch	Cutout Dimension (W x H) inch (mm)	Part No.	
		CFM <sup>2</sup> (Unimpeded - Filterfan assembly uninstalled)	CFM <sup>3</sup> (Installed with one FilterFan and one Exhaust Filter)			Black (RAL 9011)	Light Grey (RAL 7035)
<b>PF Series Filterfans® 4.0 - Outdoor Rated (NEMA 3R)</b>							
PF 22000 R	115 VAC	38 cfm	28 cfm	5.71 x 5.71 x 2.76	4.92 x 4.92 (125 x 125)	11622153110	11622153115
PF 22000 R	230 VAC					11622103110	11622103115
PF 22000 R	24 VDC					11622803110	11622803115
PF 32000 R	115 VAC	65 cfm	38 cfm	7.95 x 7.95 x 3.66	6.97 x 6.97 (177 x 177)	11632153110	11632153115
PF 32000 R	230 VAC					11632103110	11632103115
PF 32000 R	24 VDC					11632803110	11632803115
PF 42500 R	115 VAC	94 cfm	74 cfm	9.92 x 9.92 x 4.05	8.78 x 8.78 (223 x 223)	11642153110	11642153115
PF 42500 R	230 VAC					11642103110	11642103115
PF 42500 R	24 VDC					11642803110	11642803115
PF 43000 R	115 VAC	155 cfm	122 cfm	9.92 x 9.92 x 4.69	8.78 x 8.78 (223 x 223)	11643153110	11643153115
PF 43000 R	230 VAC					11643103110	11643103115
PF 43000 R	24 VDC					11643803110	11643803115
PF 65000 R	115 VAC	297 cfm	224 cfm	12.6 x 12.6 x 6.18	11.46 x 11.46 (291 x 291)	11665153110	11665153115
PF 65000 R	230 VAC					11665103110	11665103115
PF 66000 R	115 VAC	462 cfm	295 cfm	12.6 x 12.6 x 6.18	11.46 x 11.46 (291 x 291)	11666153110	11666153115
PF 66000 R	230 VAC					11666103110	11666103115
PF 66000 R	460 VAC					11666023110	11666023115
PF 67000 R	115 VAC	560 cfm	368 cfm	12.6 x 12.6 x 6.18	11.46 x 11.46 (291 x 291)	11667153110	11667153115
PF 67000 R	230 VAC					11667103110	11667103115
PF 67000 R	460 VAC					11667023110	11667023115
<b>PFA Series Exhaust Filters - Outdoor Rated (NEMA 3R)</b>							
PFA 20000 R	-	-	-	5.71 x 5.71 x 1.22	4.92 x 4.92 (125 x 125)	11720003110	11720003115
PFA 30000 R	-	-	-	7.95 x 7.95 x 1.57	6.97 x 6.97 (177 x 177)	11730003110	11730003115
PFA 40000 R	-	-	-	9.92 x 9.92 x 1.74	8.78 x 8.78 (223 x 223)	11740003110	11740003115
PFA 60000 R	-	-	-	12.6 x 12.6 x 1.8	11.46 x 11.46 (291 x 291)	11760003110	11760003115



Rev 2

Design & Application Assistance • Web-based Sizing Software  
Online Certifications & Drawings • National / International Service

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ELECTRO-TECHNOLOGY FOR INDUSTRY

