PFANNENBERG
DATAWIND FILTERFAN®

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

For over 60 years Pfannenberg has been protecting enclosure electronics from the damaging effects of too much heat, while also protecting the inside of the enclosure from the outside environment. Our original Filterfan® was one of the first thermal management products to cool electronics using natural convection for indoor, outdoor and washdown applications. Throughout the last 60 years we've continued to pioneer this technology.

Introducing our newest product the Datawind Filterfan®. This externally mounted Filterfan was designed for the new IT space, the manufacturing floor. As IT moves away from the clean rooms and closer to the manufacturing equipment, cooling requirements and equipment need to change. This new Datawind Filterfan® delivers the same advantages as our Filterfans 4.0, protecting your IT equipment in much dirtier manufacturing environments without sacrificing critical rack space.

VALUE AND BENEFITS

Zero Protrusion Into The Enclosure
- Externally mounted, allowing for full use of all racks within the bays.

Maintenance Indication LED Light
- LED indicator warns when the temperature exceeds the desired temperature inside the cabinet.
- Indication of fan malfunction or clogged filter.

IEC Power Connector 6ft Cable
(Located on center of fan to allow door to hinge in both directions.)
- Fan side - IEC C13 plug with lock mechanism.
- Power side - NEMA 5-15P (115v) and IEC C14 (230v).

30° Sloped Top
- Designed to avoid dust collection and improve safety.

Cable to Adjustable Thermostat
- 13ft cable attached to an adjustable thermostat with DIN mounted bracket allowing fan to toggle on/off depending on cooling need. This feature extends both fan and filter lives.

Fits Existing Filterfan® Cutout
- Only need to drill mounting holes with power tools. Pre-existing 2.5" hole cut to allow pass through wiring.

Filterfan® 4.0 Benefits
- Design based on the Filterfan 4.0™ line to provide the same airflow as standard Filterfans® using a fluted filter mat with a 3x longer service life.
- The Datawind Filterfan® is also designed to be used with our existing PFA exhaust filters.

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CONFIGURATIONS

- Three unimpeded airflow ratings (38, 152, and 560 CFM)
- Use with existing PFA exhaust filters
- Accessories – Replacement fluted filter mat, Hygrostats, and Heaters

- Available in black (RAL 9004) and white (RAL 9003)
- Voltage 115v and 230v options

Datawind Filterfan

Part Number	Unimpeded CFM	Description	Physical Dimensions H x W x D (inches)
18182000039	38	Datawind PF22000 115V RAL 9003	9.4" x 6.8" x 2.8"
18182000040	38	Datawind PF22000 115V RAL 9004	9.4" x 6.8" x 2.8"
18182000041	38	Datawind PF22000 230V RAL 9003	9.4" x 6.8" x 2.8"
18182000042	38	Datawind PF22000 230V RAL 9004	9.4" x 6.8" x 2.8"
18182000043	152	Datawind PF33000 SL 115V RAL 9003	11.9" x 9.3" x 3.3"
18182000044	152	Datawind PF33000 SL 115V RAL 9004	11.9" x 9.3" x 3.3"
18182000045	152	Datawind PF33000 SL 230V RAL 9003	11.9" x 9.3" x 3.3"
18182000046	152	Datawind PF33000 SL 230V RAL 9004	11.9" x 9.3" x 3.3"
18182000047	560	Datawind PF67000 115V RAL 9003	17.5" x 14.9" x 5.5"
18182000048	560	Datawind PF67000 115V RAL 9004	17.5" x 14.9" x 5.5"
18182000049	560	Datawind PF67000 230V RAL 9003	17.5" x 14.9" x 5.5"

17.5" 5.5" 14.9"

11.9" 3.3" 9.3"

9.4" 2.8" 6.8"

Rev 1

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

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