

FILTERFANS 4.0™

Filterfans® / Exhaust Filters

Trust in the Original. Otto Pfannenberg's invention of the Filterfan® in 1958 was a milestone in the area of industrial thermal management. Today Pfannenberg provides a wide range of different solutions for industrial thermal management and is thus one of the few specialists that can provide the appropriate devices for virtually all industrial requirements – worldwide.

NEMA Type 12 Protection

The closed frame design prevents unfiltered air from penetrating the cabinet.

Highest Quality Fans

German manufactured fans that exceed industry standards for quality, performance and service life.

Highest System Airflow Compared to Competitors Filter Fans.

The design of the louvers supports the greatest airflow while further protecting against airborne dust and dirt.

Patented Tool-Less 4 Corner Fastening System

The patented fastening system allows for fast installation (possible to install in seconds) and easy removal reducing MTTR.

Aesthetically Pleasing Design Using Neutral Colors

Available in a standard RAL 7035 Grey and an optional Black color. These units blend in well with the modern styles and colors used for existing machines and systems.

300% Longer Service Time via Patented Fluted Filter Mat

A larger surface area on the filter mat allows for a high filtration level, greater service life and maximum airflow. Saving time and money.



Versatile Options

Options including UV Protected Plastic for use in direct sunlight, EMC shielding to attenuate RF signals and exhausting fans for custom applications.

Globally Compatible

ERP compliant to meet European efficiency directives. Units also comply with additional national and international standards, e.g. TÜV, NEMA, UL, CSA and EAC.

PF SERIES

FILTERFANS 4.0™

PF 65000

- Airflow rate up to 297 CFM
- System of protection IP 55, NEMA type 12
- Cut-out dimensions: 291 x 291 mm



PF 65000 FILTERFANS®

Available voltages ± 10%	115 V, 230 V	System of protection (EN 60529)	IP 55
Design (housing and protection against accidental contact)	made of injection-molded thermoplastic, self-extinguishing, UL 94 VO	System of protection (UL 50)	NEMA Type 12 - fluted filter
Service life L ₁₀ (+ 40 °C)	40,000 h	Filter mat quality class	G 4
Weight	7 lb	Unimpeded airflow	297 CFM
Color	RAL 7035 (Lt. Grey) RAL 9011 (Black)	Airflow rate in combination (PF + PFA 60.000)	224 CFM
Noise level (EN ISO 3741)	52 dB (A)	Filtration efficiency	91%
Type of connection	spring-type terminal	Part no. * 115 V, Lt. Grey	11665154055
Bearing type	ball bearing	Part no. * 115 V, Black	11665154050
Approvals	UL, cUL, CE, (on request: GOST)	Part no. * 230 V, Lt. Grey	11665104055
Power consumption	90 W / 80 W	Part no. * 230 V, Black	11665104050
Width x height x depth	12.6 x 12.6 x 6.18 in	Part no. Spare part filter mats (5 pieces)	18611600037
System of protection (EN 60529)	IP 55	Part no. NEMA Type 3R Rainhood *	See page 27 for part no.

PF 65000 SL

- Airflow rate up to 325 CFM
- System of protection IP 55, NEMA type 12
- Cut-out dimensions: 291 x 291 mm



PF 65000 SL SLIM LINE FILTERFANS®

Available voltages ± 10%	115 V, 230 V	System of protection (UL 50)	NEMA type 12 - fluted filter
Design (housing and protection against accidental contact)	made of injection-molded thermoplastic, self-extinguishing, UL 94 VO	Filter mat quality class	G 4
Service life L ₁₀ (+ 40 °C)	40,000 h	Unimpeded airflow	325 CFM
Weight	7 lb	Airflow rate in combination (PF + PFA 60.000)	249 CFM
Color	RAL 7035 (Lt. Grey) RAL 9011 (Black)	Filtration efficiency	91%
Noise level (EN ISO 3741)	52 dB (A)	Part no. * 115 V, Lt. Grey	11675154055
Type of connection	spring-type terminal	Part no. * 115 V, Black	11675154050
Bearing type	ball bearing	Part no. * 230 V, Lt. Grey	11675104055
Approvals	UL, cUL, CE, (on request: GOST)	Part no. * 230 V, Black	11675104050
Power consumption	80 W	Part no. Spare part filter mats (5 pieces)	18611600037
Width x height x depth	12.6 x 12.6 x 5.16 in	Part no. NEMA Type 3R/4/4X Rainhoods *	See page 27 for part no.
System of protection (EN 60529)	IP 55		

*Consult factory for additional options

DID YOU KNOW?

Installing a standard intake Filterfan® lower than the exhaust filter is the most efficient method for removing heat from an enclosure. There are times when the placement of internal electronics prevents this type of installation. You can flip the fan in the field or you can order reverse flow Filterfans® that exhausts air from the upper portion of the enclosure. This process creates a partial vacuum allowing air to be drawn in through a PFA Exhaust Filter maintaining the same system airflow. Reverse Filterfans® can also be used in series with intake Filterfans® to increase airflow through the system.

Reverse flow Filterfans® are available for all models. Just add "A" to the model number when ordering. Consult factory for 11 digit part number.

