

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 66000

- Airflow rate up to 462 CFM
- System of protection IP 55, NEMA type 12
- Cut-out dimensions: 291 x 291 mm



PF 66000 FILTERFANS®

Available voltages ± 10%	115 V, 230 V, 400 / 460 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	462 CFM
Weight	7 lb	Airflow rate in combination (PF + PFA 60.000)	295 CFM
Color	RAL 7035 (Lt. Grey) RAL 9011 (Black)	Filtration efficiency	91%
Noise level (EN ISO 3741)	64 dB (A)	Part no. * 115 V, Lt. Grey	11666154055
Type of connection	spring-type terminal	Part no. * 115 V, Black	11666154050
Bearing type	ball bearing	Part no. * 230 V, Lt. Grey	11666104055
Approvals	UL, cUL, CE, (on request: GOST)	Part no. * 230 V, Black	11666104050
Power consumption	160 W / 150 W / 155 W	Part no. * 400/460 V, Lt. Grey	11666024055
Width x height x depth	12.6 x 12.6 x 6.18 in	Part no. * 400/460 V, Black	11666024050
System of protection (EN 60529)	IP 55	Part no. Spare part filter mats (5 pieces)	18611600037
		Part no. NEMA Type 3R/4/4X Rainhoods *	See page 27 for part no.

PF 67000

- Airflow rate up to 560 CFM
- System of protection IP 55, NEMA type 12
- Cut-out dimensions: 291 x 291 mm



PF 67000 FILTERFANS®

Available voltages ± 10%	115 V, 230 V, 400 / 460 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	560 CFM
Weight	8.16 lb	Airflow rate in combination (PF + PFA 60.000)	368 CFM
Color	RAL 7035 (Lt. Grey) RAL 9011 (Black)	Filtration efficiency	91%
Noise level (EN ISO 3741)	66 / 69 dB (A)	Part no. * 115 V, Lt. Grey	11667154055
Type of connection	spring-type terminal	Part no. * 115 V, Black	11667154050
Bearing type	ball bearing	Part no. * 230 V, Lt. Grey	11667104055
Approvals	UL, cUL, CE, (on request: GOST)	Part no. * 230 V, Black	11667104050
Power consumption	195 W / 200 W / 170 W	Part no. * 400/460 V, Lt. Grey	11667024055
Width x height x depth	12.6 x 12.6 x 6.18 in	Part no. * 400/460 V, Black	11667024050
System of protection (EN 60529)	IP 55	Part no. Spare part filter mats (5 pieces)	18611600037
		Part no. NEMA Type 3R Rainhood *	See page 27 for part no.

PF 67000 SL

- Airflow rate up to 427 CFM
- System of protection IP 55, NEMA type 12
- Cut-out dimensions: 291 x 291 mm



PF 67000 SL SLIM LINE FILTERFANS®

Available voltages ± 10%	115 V, 230 V, 400 / 460 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	427 CFM
Weight	8.82 lb / 8.93 lb / 8.49 lb	Airflow rate in combination (PF + PFA 60.000)	342 CFM
Color	RAL 7035 (Lt. Grey) RAL 9011 (Black)	Filtration efficiency	91%
Noise level (EN ISO 3741)	69 dB (A)	Part no. * 115 V, Lt. Grey	11677154055
Type of connection	spring-type terminal	Part no. * 115 V, Black	11677154050
Bearing type	ball bearing	Part no. * 230 V, Lt. Grey	11677104055
Approvals	UL, cUL, CE, (on request: GOST)	Part no. * 230 V, Black	11677104050
Power consumption	165 W / 180 W / 165 W	Part no. * 400/460 V, Lt. Grey	16677124055
Width x height x depth	12.6 x 12.6 x 5.27 in	Part no. * 400/460 V, Black	16677124050
System of protection (EN 60529)	IP 55	Part no. Spare part filter mats (5 pieces)	18611600037
		Part no. NEMA Type 3R/4/4X Rainhoods *	See page 27 for part no.

*Consult factory for additional options

DID YOU KNOW?

Pfannenber's Filterfans 4.0™ were developed and optimized after more than 1,000 tests in our modern test laboratory. Our engineers use specially designed climate chambers to test and measure the capabilities of our thermal management products.

