

Filter Fan Kits



Features

- All models are 115V with an expected service life of 30,000 hours
- High-performance fan motors and finger guards
- Polycarbonate fire retardant plastic grilles, UL94-VO
- Durable, reusable filter mat included
- Patented "Click and Fit" system allows for rapid filterfan and exhaust filter installation without screws (This time-saving feature cuts installation time by up to 30 minutes when compared to traditional box fan packages)
- Cutout template provided with every unit.
- Filterfan or exhaust filter simply snaps into cutout opening
- Connector type: WPF10 Series 2 has 12-inch wires. WPF20-WPF60 Series has terminal strip

Standards

- cUL Recognized/CSA fan motor
- NEMA 1 (NEMA 12 with optional WPFG series gasket)
- IP43 (IP54 with optional WPFG Series gasket)

Accessories

- Gaskets (WPFG Series) recommended if installing on enclosure with textured finish
- Replacement Filters (WPFM Series)

Applications

- Most innovative technology for fan cooling and pressurizing of industrial enclosures.
- Provides a high quality, economical method of cooling enclosures
- Filtered passive ventilation can be provided by an exhaust filter for either convection cooling or in combination with a fan in forced air cooling
- Slim line design allows grille to protrude from enclosure surface less than one quarter inch
- Maintains aesthetics of enclosure



Part Number	Price	Amps at 50/60 Hz	Rated Voltage	Power Consumption at 50/60 Hz	Free Flow Air Delivery (CFM) ¹	Air Delivery with Exhaust (CFM) ¹	Max. Static Press. (PA)	Ambient Temp. Degree F Max/Min	Filter Density (G/M2)	Filtering Level	Sound Level (dB)	Required Cutout Sizes
WPF10-115BK	<-->	0.15/0.15	115V	12/12 Watts	16	10	29	140/14	150	67%	39	3.62x3.62 (92x92)
WPF20-115BK	<-->	0.25/0.25	115V	19/19 Watts	38	28	69	122/14	350	83%	49	4.92x4.92 (125x125)
WPF25-115BK	<-->	0.25/0.25	115V	18/18 Watts	89	62	57	122/14	350	83%	53	8.78x8.78 (223x223)
WPF30-115BK	<-->	0.5/0.5	115V	43/44 Watts	169	142	89	122/14	350	83%	55	8.78x8.78 (223x223)
WPF50-115BK²	<-->	0.6/0.7	115V	63/76 Watts	324	249	205	122/14	350	83%	69	11.46x11.46 (291x291)
WPF60-115BK²	<-->	1.2/1.6	115V	122/173 Watts	410	295	225	122/14	350	83%	71	11.46x11.46 (291x291)

Note 1: For operation at 50Hz, reduce CFM by 15%.

Note 2: Intake fan use only

Dimensions in inches (millimeters)

PLC Overview

DL05/06 PLC

DL105 PLC

DL205 PLC

DL305 PLC

DL405 PLC

Field I/O

Software

C-more HMIs

Other HMI

AC Drives

Motors

Steppers/Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pushbuttons/Lights

Process

Relays/Timers

Comm.

TB's & Wiring

Power

Circuit Protection

Enclosures

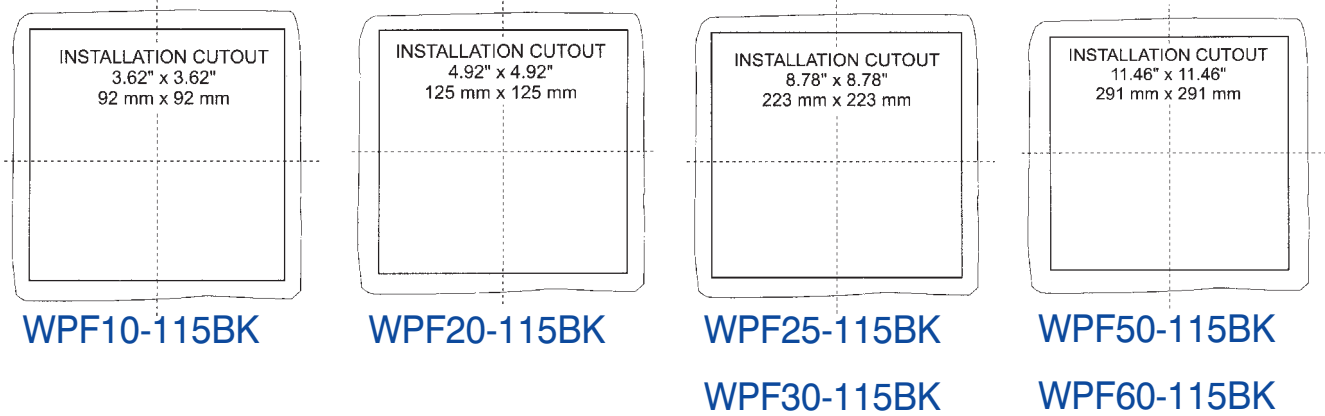
Appendix

Part Index

Filter Fan Kit Cutouts and Dimensions



Installation cutouts



Dimensions

