

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 filter fan 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
- Filter fan 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 File E175229/CSA fan motor
- NEMA 12
- IP54

Accessories

- 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

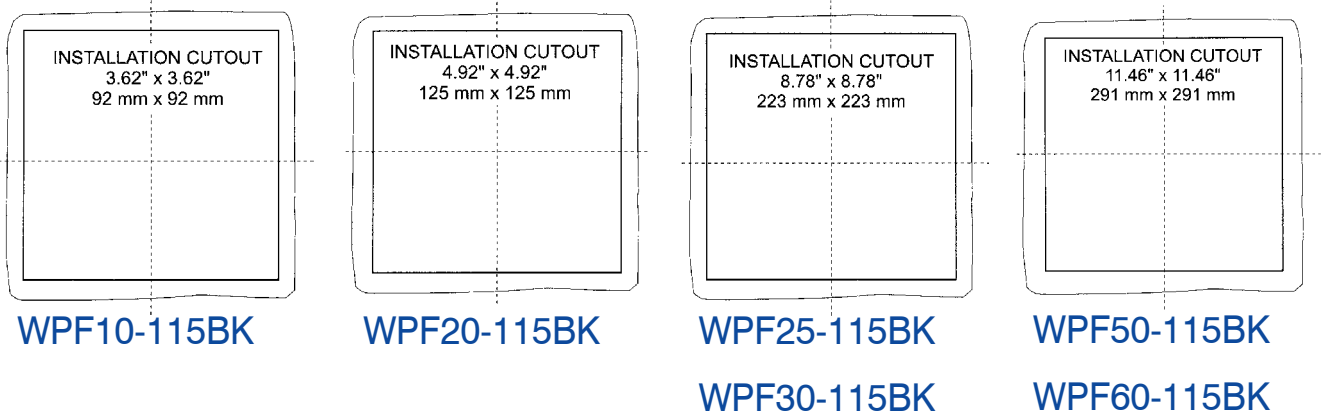
Hubbell-Wiegmann Filter Fan Kits												
Part Number	Price	Amps at 50/60 Hz	Rated Voltage	Power Consumption at 50/60 Hz	Free Flow Air Delivery ¹ (CFM)	Air Delivery with Exhaust ¹ (CFM)	Max. Static Press. (Pa)	Max./Min. Ambient Temp. (°F)	Filter Density (g/m) ²	Filtering Level	Sound Level (dB)	Required Cutout Sizes
WPF10-115BK	\$194.00	0.15/0.15	115V	12/12 W	16	10	29	140/14	150	67%	39	3.62 x 3.62 [92 x 92]
WPF20-115BK	\$250.00	0.25/0.25	115V	19/19 W	38	28	69	122/14	350	83%	49	4.92 x 4.92 [125 x 125]
WPF25-115BK	\$342.00	0.25/0.25	115V	18/18 W	89	62	57	122/14	350	83%	53	8.78 x 8.78 [223 x 223]
WPF30-115BK	\$435.00	0.5/0.5	115V	43/44 W	169	142	89	122/14	350	83%	55	8.78 x 8.78 [223 x 223]
WPF50-115BK ²	\$461.00	0.6/0.7	115V	63/76 W	324	249	205	122/14	350	83%	69	11.46 x 11.46 [291 x 291]
WPF60-115BK ²	\$517.00	1.2/1.6	115V	122/173 W	410	295	225	122/14	350	83%	71	11.46 x 11.46 [291 x 291]

¹For operation at 50Hz, reduce flow rate by 15%.
²Intake fan use only
 Dimensions in inches (millimeters)

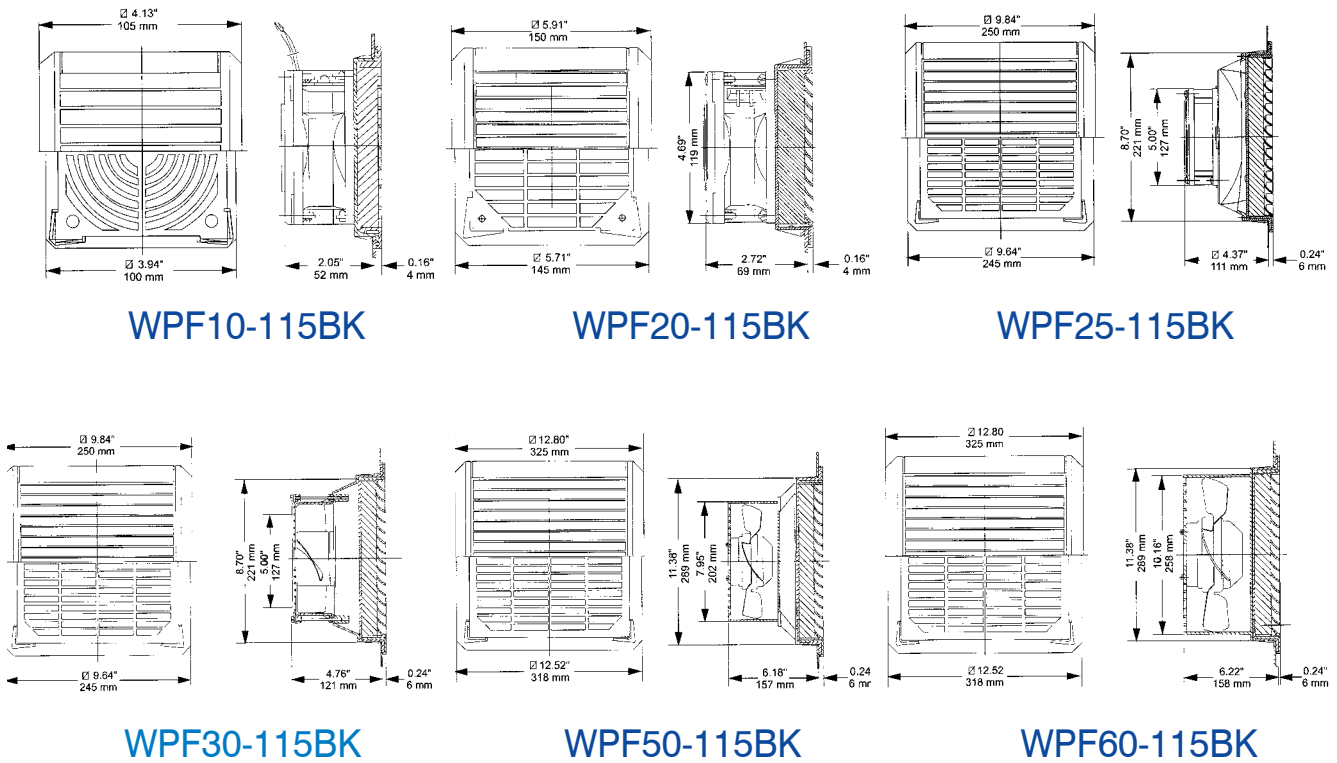
Filter Fan Kit Cutouts and Dimensions



Installation cutouts



Dimensions



Exhaust Grilles with Filters



Hubbell-Wiegmann Exhaust Grille and Filter Accessories				
Part Number	Price	Filter Density (G/M ²)	Mass Filter Level %	Required Cutout Dimensions
WPFA10BK	\$46.00	150	67%	3.62x3.62 (92x92)
WPFA20BK	\$65.00	350	83%	4.92x4.92 (125x125)
WPFA25-30BK	\$81.00	350	83%	8.78x8.78 (223x223)
WPFA50-60BK	\$87.00	350	83%	11.46x11.46 (291x291)

Dimensions in inches (millimeters)

Exhaust grille

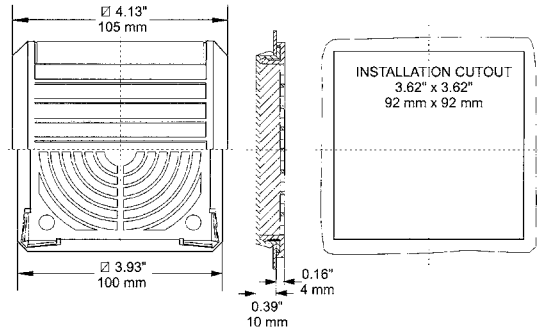
Features

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- Durable, reusable filter mat included

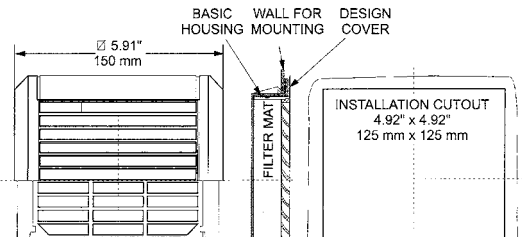
Standards

- NEMA 12
- IP54

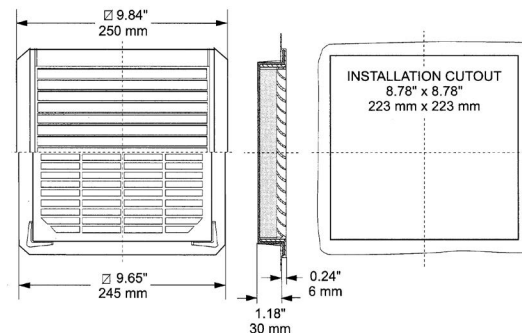
WPFA10BK



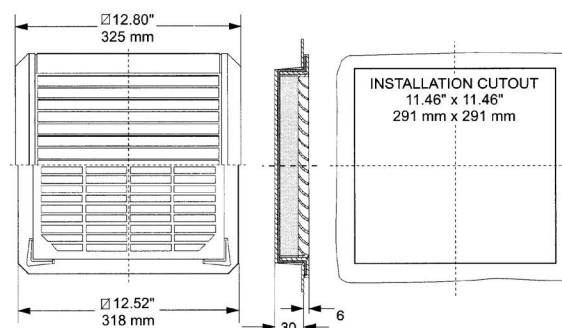
WPFA20BK



WPFA25-30BK



WPFA50-60BK



Replacement Filter Mats



Applications

- Replacement filter mats for WPF series filterfans and WPFA series exhaust grilles



Features

- Made of washable synthetic fibers
- Reusable up to 20 times
- 100% resistant to humidity

Hubbell-Wiegmann Replacement Filter Mats							
<i>Part Number</i>	<i>Price</i>	<i>Use With This Filterfan Kit Part Number</i>	<i>Price</i>	<i>Use With This Exhaust Grille and Filter Part Number</i>	<i>Price</i>	<i>Filtering Level</i>	<i>Dimensions HxW</i>
WPFM10	\$17.50	WPF10-115BK	\$194.00	WPFA10BK	\$46.00	67%	3.40 x 3.40 [85 x 85]
WPFM20	\$38.50	WPF20-115BK	\$250.00	WPFA20BK	\$65.00	83%	4.50 x 4.50 [115 x 115]
WPFM25-30	\$32.50	WPF25-115BK	\$342.00	WPFA25-30BK	\$81.00	83%	8.30 x 8.30 [210 x 210]
		WPF30-115BK	\$435.00				
WPFM50-60	\$48.00	WPF50-115BK	\$461.00	WPFA50-60BK	\$87.00	83%	11.00 x 11.00 [280 x 280]
		WPF60-115BK	\$517.00				

Enclosure Shipping Schedule		
Same day	1 - 7 days	1 -10 days
Color indicates shipping lead time in business days.		

Industrial strength cooling options for your enclosure from AutomationDirect



- Both intake (FPI) and exhaust (FPO) fans are available.
- Exhaust fans and grilles available with air flaps or filters. Using air flaps on the exhaust reduces the number of filters to maintain.



Filter Fan Kits

- Easy filter change
- Outer door lock for outdoor models
- Impact resistant
- Weather/UV resistant -f1
- Flammability Rating: UL94V-0
- Adhesive mounting for non-screw installation (except outdoor models)
- Low noise
- 120VAC and 24VDC models available

Filter Fan Plus

- Easy filter change
- Hinged cover
- Impact resistant
- Weather/UV resistant-UL-f1
- Flammability Rating: UL94V-0
- Unique ratchet mechanism for no-screw installation
- Low noise
- 120, 230VAC and 12, 24, 48VDC models available

Hose-Proof Filter Fan Hoods

- Stainless steel hood with food-grade silicone seal
- Fits all Stego Filter Fan and Filter Fan Plus fans and exhaust grilles (except outdoor Filter Fans)
- Maintains an enclosure's NEMA/UL Type 4 or 4X rating in washdown environments



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Heat Exchangers

- For NEMA 4 and 4X enclosures
- Closed loop cooling
- Energy efficient: uses approximately the same power as a filtered fan system
- 120VAC and 24VDC models available

Air Conditioning Units

- For NEMA 12, 4, 4X type enclosures
- Digital temperature controller
- Active condensate evaporation system
- High unit efficiency
- Tough industrial construction
- Compressor protection system



Made
in the
USA



Enclosure Vortex Coolers



- For NEMA 12, 4, 4X type enclosures
- Operates on compressed air
- Stainless steel construction
- No moving parts, no maintenance required
- Vortex coolers can be “resized” for changing applications by simply replacing the generator inside the cooler. No need to purchase a new unit
- Replacing the vortex generator takes minutes