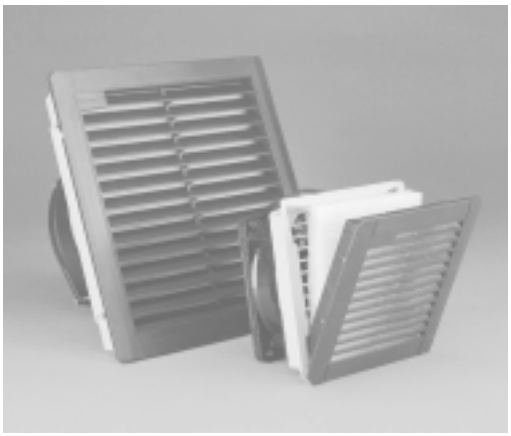
# PF Filter Fans



PF3000 and PF2000

## Description

- This line of fans provides innovative technology for fan cooling and pressurizing of industrial cabinets. A high quality filter fan provides an economical method of ensuring your enclosure does not overheat.
- Filtered passive ventilation can be provided by an exhaust filter for either convection cooling or in combination with a fan in forced air cooling.
- The slim-line design of this fan line is unique, when installed, the front louvered grill protrudes less than one quarter inch. The attractive grill maintains the sleek aesthetics of an enclosure system.

## Standards

- UR, CUR and CE.
- Built to IP54 standards (except PF1000/PFA1000 - IP43 standards).
- Maintains NEMA 12 integrity of enclosure

## Features

- Available in 115V and 230V versions
- High performance fan motors with finger guards.
- ABS-FR grills (except PF1000 Series which is polystyrene FR).
- Durable, reusable filter mat.
- Grills are black allowing for a complementary match to all cabinet colors.
- Integral gasket to seal against enclosure. (except PF1000 - use PFG1000)

## Easy Installation

- The patented "Click and Fit" system allows for rapid filter fan and exhaust filter installation without screws.
- After using the convenient cutout template (provided with every unit), the fan and/or exhaust filter just snaps into the opening.

## Accessories

- Exhaust filters...see page 362
- Replacement grills...see page 362
- Replacement filters...see page 362

| Part No. | Voltage | Free Flow Air Delivery (CFM) | Air Delivery w/Exhaust (CFM) | Max. Static Pressure (Pa) | Filter Density ($g/m^2$) | Sound Filtering Level | Sound Level (dB) | Connector Type | Ambient Temp. °F Max/Min | Comparable IP Standard | Ship Wt. lbs |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **PF1000** | 115 | 16 | 10 | 29 | 150 | 73% | 39 | 2 - 12" wires | 140/14 | IP43 | 3 |
| **PF2000** | 115 | 38 | 28 | 69 | 150 | 73% | 49 | terminal strip | 122/14 | IP54 | 5 |
| **PF2500** | 115 | 89 | 62 | 57 | 150 | 73% | 55 | terminal strip | 122/14 | IP54 | 7 |
| **PF3000** | 115 | 169 | 142 | 89 | 150 | 73% | 55 | terminal strip | 122/14 | IP54 | 10 |
| **PF5000** | 115 | 324 | 249 | 205 | 150 | 73% | 69 | terminal strip | 122/14 | IP54 | 15 |
| **PF6000** | 115 | 410 | 295 | 225 | 150 | 73% | 71 | terminal strip | 122/14 | IP54 | 15 |
| **PF1000230** | 230 | 16 | 10 | 29 | 150 | 73% | 39 | 2 - 12" wires | 140/14 | IP43 | 3 |
| **PF2000230** | 230 | 38 | 28 | 69 | 150 | 73% | 49 | terminal strip | 122/14 | IP54 | 5 |
| **PF2500230** | 230 | 89 | 62 | 57 | 150 | 73% | 55 | terminal strip | 122/14 | IP54 | 7 |
| **PF3000230** | 230 | 169 | 142 | 89 | 150 | 73% | 55 | terminal strip | 122/14 | IP54 | 10 |
| **PF5000230** | 230 | 324 | 249 | 205 | 150 | 73% | 69 | terminal strip | 122/14 | IP54 | 15 |
| **PF6000230** | 230 | 410 | 295 | 225 | 150 | 73% | 71 | terminal strip | 122/14 | IP54 | 15 |

Technical references and DXF downloads available at www.hammfg.com

All dimensions in inches unless specified otherwise





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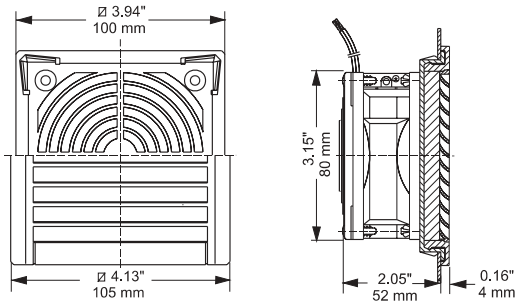
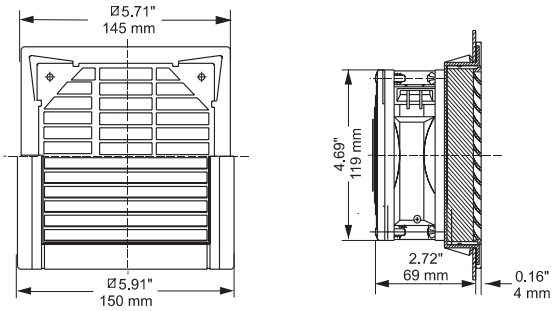
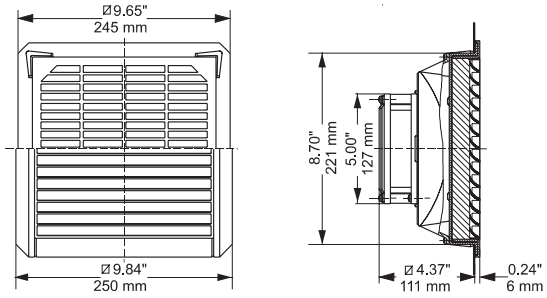


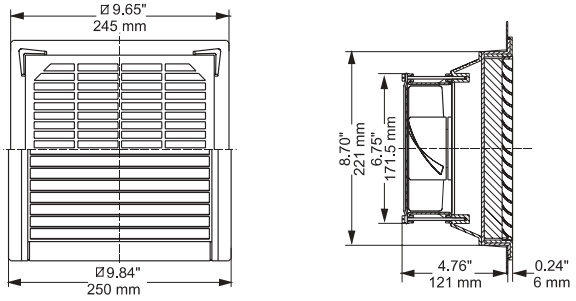

**PF1000**



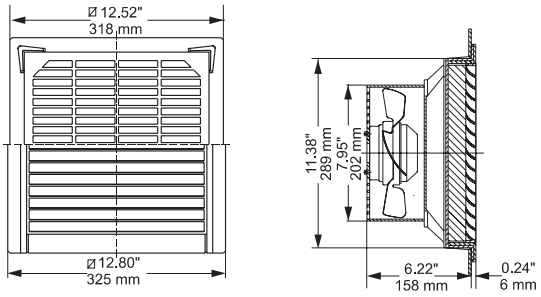

**PF2000**



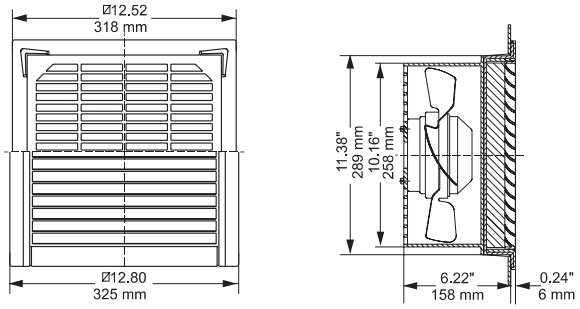

**PF2500**



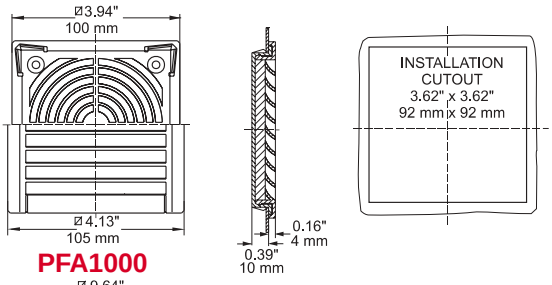

**PF3000**



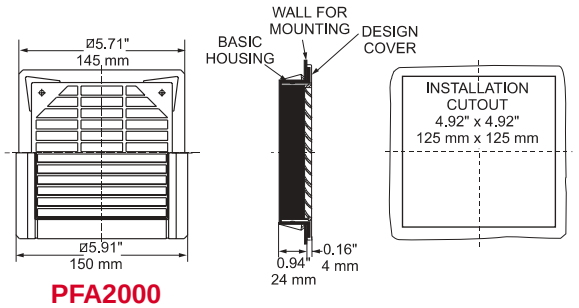

**PF5000**



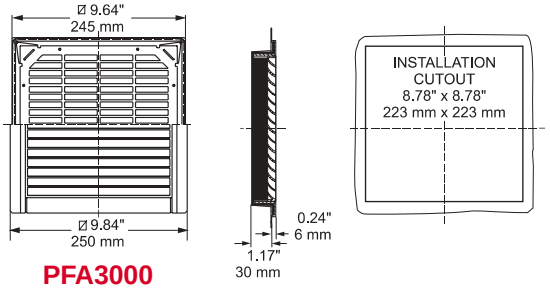

**PF6000**



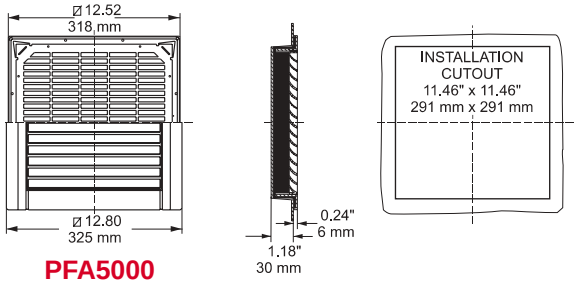

**PFA1000**




**PFA2000**




**PFA3000**




**PFA5000**

Note: All cutout tolerances +1/- 0 mm

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All dimensions in inches unless specified otherwise





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