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## 16-506 CFM Filterfans *PF Series*

**Note:** This product line has been discontinued as a stocked series. Information is for reference only. For alternative solution assistance, please **contact Hammond here** or call: USA (716) 630-7030, Canada and International (519) 822-2960.

### 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.
- Fan CSA Listed.



### 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.

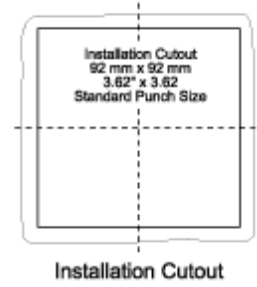
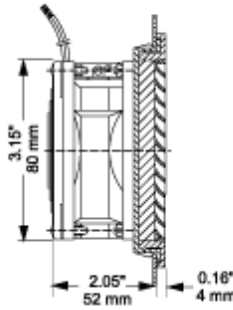
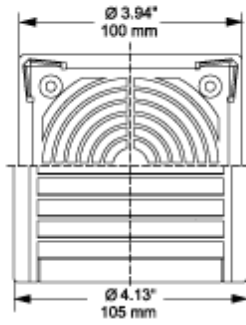
### Options

- Reverse flow (exhaust) available on 5,6,7000 models

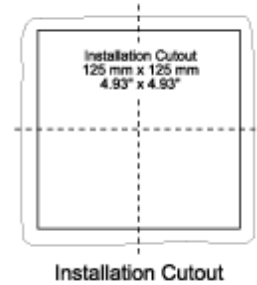
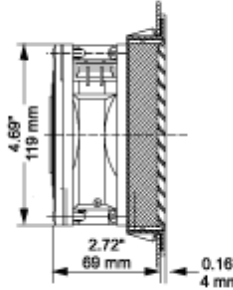
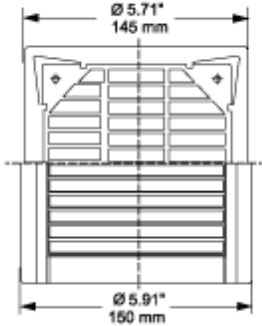
### Accessories

- Exhaust Filters
- Replacement Grill

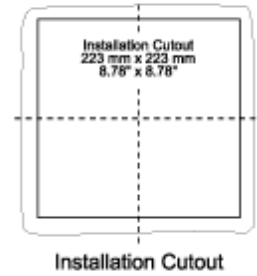
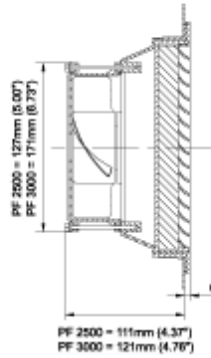
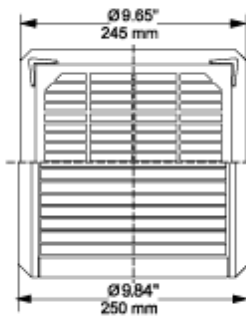
**Mechanical Data:  
PF 1000**



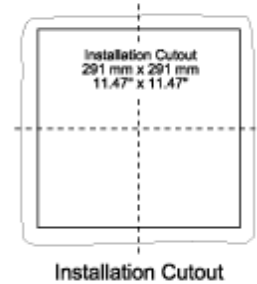
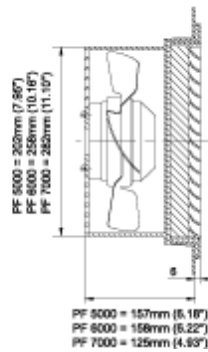
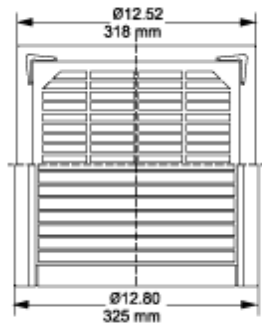
**PF 2000**



**PF 2500 & 3000**



**PF 5000, 6000 & 7000**



| Part No. | Voltage | Free Flow Air Delivery (CFM) | Air Delivery w/Exhaust (CFM) | Max. Static Pressure (Pa) | Filter                      |                 | Sound Level (dB) | Connector Type | Ambient Temp. °F Max/Min | Comparable IP Standard | Ship Wt. lbs |
|----------|---------|------------------------------|------------------------------|---------------------------|-----------------------------|-----------------|------------------|----------------|--------------------------|------------------------|--------------|
|          |         |                              |                              |                           | Density (g/m <sup>3</sup> ) | Filtering Level |                  |                |                          |                        |              |
| PF1000   | 115     | 16                           | 10                           | 29                        | 150                         | 0.73            | 39               | 2 - 12" wires  | 140/14                   | IP43                   | 1.5          |
| PF2000   | 115     | 38                           | 28                           | 69                        | 150                         | 0.73            | 49               | terminal strip | 122/14                   | IP54                   | 2            |
| PF2500   | 115     | 89                           | 62                           | 57                        | 150                         | 0.73            | 55               | terminal strip | 122/14                   | IP54                   | 4            |

| Part No.  | Voltage | Free Flow Air<br>Delivery (CFM) | Air Delivery<br>w/Exhaust (CFM) | Max. Static<br>Pressure (Pa) | Filter<br>Density<br>(g/m <sup>2</sup> ) | Filtering<br>Level | Sound<br>Level<br>(dB) | Connector<br>Type | Ambient Temp.<br>°F Max/Min | Comparable<br>IP Standard | Ship<br>Wt. lbs |
|-----------|---------|---------------------------------|---------------------------------|------------------------------|--|--------------------|------------------------|-------------------|-----------------------------|---------------------------|-----------------|
|           |         |                                 |                                 |                              |  |                    |                        |                   |                             |                           |                 |
| PF3000    | 115     | 169                             | 142                             | 89                           | 150                                      | 0.73               | 55                     | terminal<br>strip | 122/14                      | IP54                      | 4               |
| PF5000    | 115     | 324                             | 249                             | 205                          | 150                                      | 0.73               | 69                     | terminal<br>strip | 122/14                      | IP54                      | 7               |
| PF6000    | 115     | 410                             | 295                             | 225                          | 150                                      | 0.73               | 71                     | terminal<br>strip | 122/14                      | IP54                      | 8               |
| PF7000    | 115     | 506                             | 368                             | 158                          | 150                                      | 0.73               | 72                     | terminal<br>strip | 122/14                      | IP54                      | 8               |
| PF1000230 | 230     | 16                              | 10                              | 29                           | 150                                      | 0.73               | 39                     | 2 - 12"<br>wires  | 140/14                      | IP43                      | 1.5             |
| PF2000230 | 230     | 38                              | 28                              | 69                           | 150                                      | 0.73               | 49                     | terminal<br>strip | 122/14                      | IP54                      | 2               |
| PF2500230 | 230     | 89                              | 62                              | 57                           | 150                                      | 0.73               | 55                     | terminal<br>strip | 122/14                      | IP54                      | 4               |
| PF3000230 | 230     | 169                             | 142                             | 89                           | 150                                      | 0.73               | 55                     | terminal<br>strip | 122/14                      | IP54                      | 4               |
| PF5000230 | 230     | 324                             | 249                             | 205                          | 150                                      | 0.73               | 69                     | terminal<br>strip | 122/14                      | IP54                      | 7               |
| PF6000230 | 230     | 410                             | 295                             | 225                          | 150                                      | 0.73               | 71                     | terminal<br>strip | 122/14                      | IP54                      | 8               |
| PF7000230 | 230     | 506                             | 368                             | 158                          | 150                                      | 0.73               | 72                     | terminal<br>strip | 122/14                      | IP54                      | 8               |

*Data subject to change without notice*

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