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# 65 CFM Filterfans PF GEN4 Series

Type 12



## Features

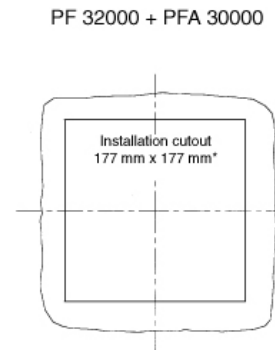
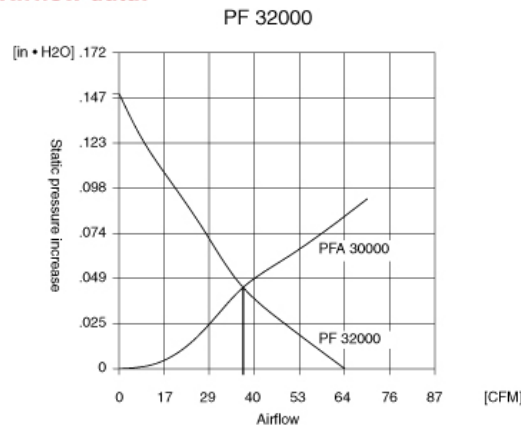
- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

## Accessories

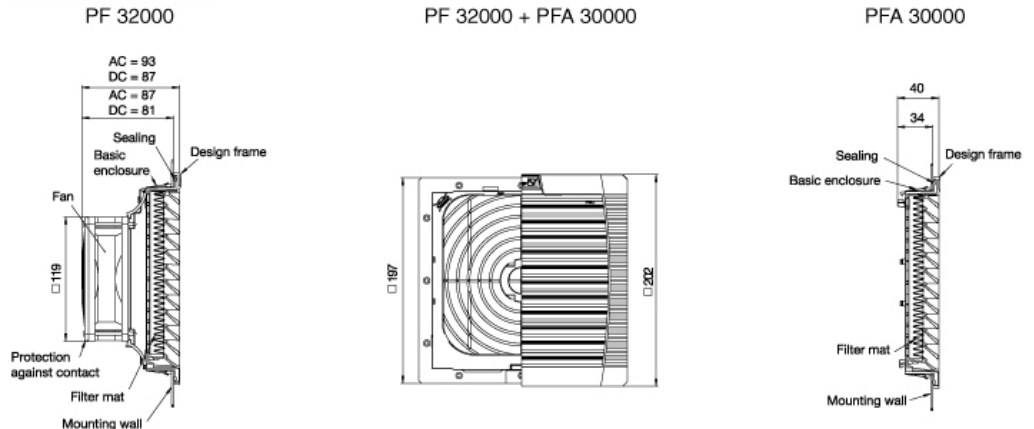
- Exhaust Filters
- Filterfan Rainhoods - 4/4X
- Thermostats
- Replacement Filters
- Filterfan Rainhoods - 3R



## Airflow data:



## Mechanical data:



| Part Number Light Gray | Part Number Black | Voltage Power |     | Exhaust Filter Light Gray | Exhaust Filter Black |
|------------------------|-------------------|---------------|-----|---------------------------|----------------------|
| RAL7035                | RAL9011           |               |     | RAL7035                   | RAL9011              |
| PF32000T12LG           | PF32000T12BK      | 115V          | 20W | PFA30000LG                | PFA30000BK           |
| PF32000T12LG230        | PF32000T12BK230   | 230V          | 18W | PFA30000LG                | PFA30000BK           |

| Part Number Light Gray<br>RAL7035       | Part Number Black<br>RAL9011 | Voltage Power          |    | Exhaust Filter Light<br>Gray RAL7035 | Exhaust Filter<br>Black RAL9011 |
|---|------------------------------|------------------------|----|--------------------------------------|---------------------------------|
| PF32000T12LG24                          | PF32000T12BK24               | 24V                    | 5W | PFA30000LG                           | PFA30000BK                      |
| Airflow data                            |                              | PF 32000               |    | PFA 30000                            |                                 |
| Filter material                         |                              | Type 12 filter mat     |    | Type 12 filter mat                   |                                 |
| Unimpeded airflow                       |                              | 65 CFM                 |    | -                                    |                                 |
| Capacity free-flow                      |                              | 37 W/K                 |    | -                                    |                                 |
| Airflow in combination                  |                              | 38 CFM                 |    | -                                    |                                 |
| (Filterfan + Exhaust Filter)            |                              | (PF 32000 + PFA 30000) |    | -                                    |                                 |
| Capacity in combination                 |                              | 21 W/K                 |    | -                                    |                                 |
| (Filterfan + Exhaust Filter)            |                              | (PF 32000 + PFA 30000) |    | -                                    |                                 |
| Max. static pressure (Airflow = 0 m3/h) |                              | 61 Pa                  |    | -                                    |                                 |
| Filtration efficiency                   |                              | 0.91                   |    | -                                    |                                 |
| Filter material grade                   |                              | G 4 (DIN EN 779)       |    | G 4 (DIN EN 779)                     |                                 |
| Duty cycle                              |                              | 1                      |    | -                                    |                                 |

| Technical data  | PF 32000   | PF 32000            | PFA 30000      |
|---|--|---------------------|----------------|
|   | AC   | DC                  |                |
| Outside dimensions in mm<br>(height x width x installation depth) | 202 x 202 x 87   | 202 x 202 x 81      | 202 x 202 x 34 |
| Bearing type  | sleeve bearings  | ball bearings       | -              |
| Fitting position  | vertical   | any                 | any            |
| Construction  | housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO |                     |                |
| Weight  | 0.87 kg  | 0.61 kg             | 0.26 kg        |
| Safety protection   | in accordance with DIN 31 001  |                     |                |
| Color LG  | RAL 7035, Light Grey   |                     |                |
| Color BK  | RAL9011 Black  |                     |                |
| Connections   | terminal strip   | 2 wires, 310mm long | -              |
| Noise Level (EN ISO 3741)   | 40 dB (A)  |                     |                |

| Supplementary data              | PF 32000 AC   | PF 32000 DC | PFA 30000 |
|---------------------------------|---|-------------|-----------|
| Operating temperature           | - 15 °C (- 5 °F) to / bis + 55 °C (+ 131 °F)  |             |           |
| Storage temperature             | - 20 °C (- 4 °F) to / bis + 70 °C (+ 158 °F)  |             |           |
| Max. relative humidity          | 0.9   |             |           |
| System of protection            | NEMA Type 12, IP 55 (EN 60 529), when installed as specified                        |             |           |
| Basic Accessories               | parts kit filter mat, user manual radiant heater, fan heater, thermostat, hygrostat |             |           |
| Approvals                       | UL Recognized   |             |           |
| * Tolerance installation cutout | 177 + 1/-0 thickness of material to 2 mm  |             |           |
|                                 | 178 + 1/-0 thickness of material > 2 mm < 3 mm                                      |             |           |

*Data subject to change without notice*