



*Quality Products. Service Excellence.*

## 65 CFM Filterfans *PF GEN4 Series*

Type 12

### Features

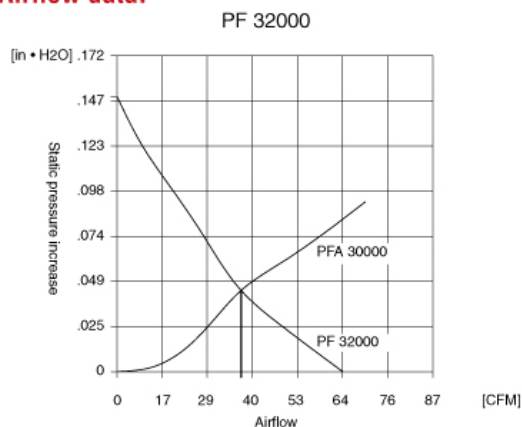


- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented "Click & Fit" design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 VO fire approved material
- Fan Motor is CSA Approved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

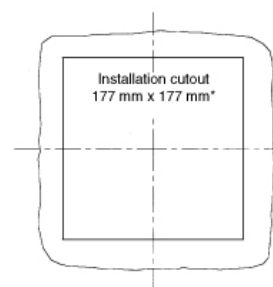


### Accessories

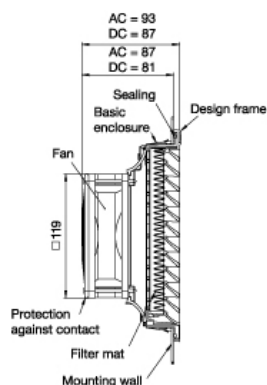
- Exhaust Filters
- Filterfan Rainhoods - 4/4X
- Thermostats
- Replacement Filters
- Filterfan Rainhoods - 3R

**Airflow data:**

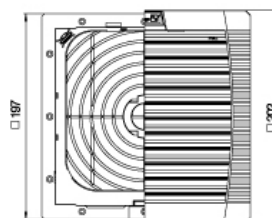
PF 32000 + PFA 30000

**Mechanical data:**

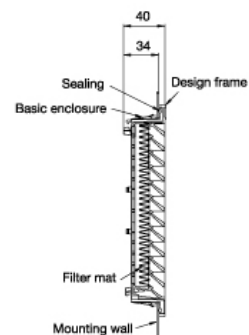
PF 32000



PF 32000 + PFA 30000



PFA 30000



| Part Number Light Gray<br>RAL7035 | Part Number Black<br>RAL9011 | Voltage | Power | Exhaust Filter Light<br>Gray RAL7035 | Exhaust Filter<br>Black RAL9011 |
|-----------------------------------|------------------------------|---------|-------|--------------------------------------|---------------------------------|
| PF32000T12LG                      | PF32000T12BK                 | 115V    | 20W   | PFA30000LG                           | PFA30000BK                      |
| PF32000T12LG230                   | PF32000T12BK230              | 230V    | 18W   | PFA30000LG                           | PFA30000BK                      |
| 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<br>(Filterfan + Exhaust Filter)  | 38 CFM<br>(PF 32000 + PFA 30000) | -                  |
| Capacity in combination<br>(Filterfan + Exhaust Filter) | 21 W/K<br>(PF 32000 + PFA 30000) | -                  |
| Max. static pressure (Airflow = 0 m <sup>3</sup> /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<br>AC                                                           | PF 32000<br>DC | PFA 30000      |
|-------------------------------------------------------------------|--------------------------------------------------------------------------|----------------|----------------|
| 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                                            |                |                |

| Technical data | PF 32000<br>AC | PF 32000<br>DC       | PFA 30000 |
|----------------|----------------|----------------------|-----------|
| Color LG       |                | RAL 7035, Light Grey |           |
| Color BK       |                | RAL9011 Black        |           |
| Connections    | terminal strip | 2 wires, 310mm long  | -         |

| 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*

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