



Quality Products. Service Excellence.

## 297-560 CFM Filterfans PF GEN4 Series

Type 12



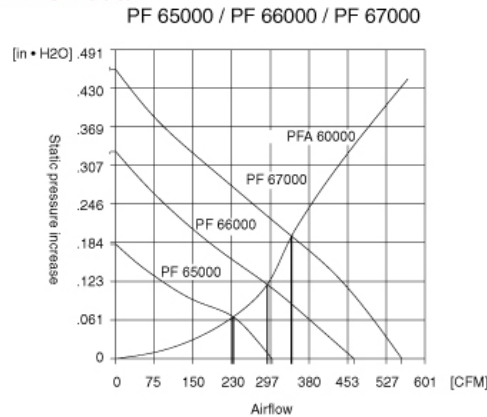
### Features

- 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 V0 fire approved material
- Fan Motor is CSA Approved
- Options: Black Grills

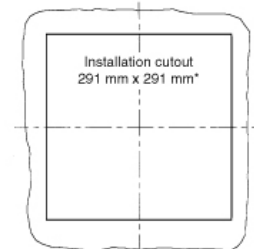
### Accessories

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

### Airflow data:



PF 65000, PF 66000, PF 67000 + PFA 60000

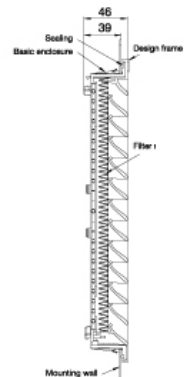
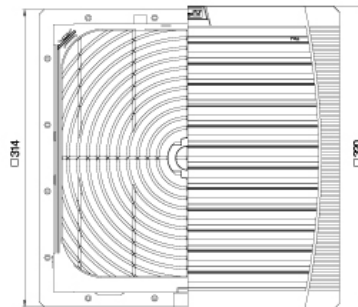
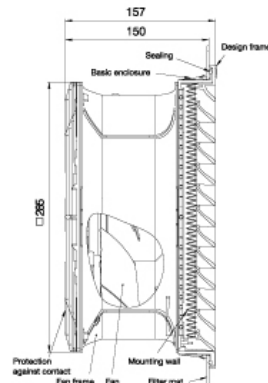


### Mechanical data:

PF 65000, PF 66000, PF 67000

PF 65000, PF 66000, PF 67000 + PFA 60000

PFA 60000



| Part Number Light Gray<br>RAL 7035 | Part Number Black<br>RAL9011 | Voltage | Power | Exhaust Filter Light<br>Gray RAL7035 | Exhaust Filter<br>Black RAL9011 |
|------------------------------------|------------------------------|---------|-------|--------------------------------------|---------------------------------|
| PF65000T12LG                       | PF65000T12BK                 | 115V    | 90W   | PFA60000LG                           | PFA60000BK                      |
| PF65000T12LG230                    | PF65000T12BK230              | 230V    | 80W   | PFA60000LG                           | PFA60000BK                      |

| Part Number Light Gray<br>RAL 7035 | Part Number Black<br>RAL9011 | Voltage | Power | Exhaust Filter Light<br>Gray RAL7035 | Exhaust Filter<br>Black RAL9011 |
|------------------------------------|------------------------------|---------|-------|--------------------------------------|---------------------------------|
| PF66000T12LG                       | PF66000T12BK                 | 115V    | 160W  | PFA60000LG                           | PFA60000BK                      |
| PF66000T12LG230                    | PF66000T12BK230              | 230V    | 155W  | PFA60000LG                           | PFA60000BK                      |
| PF67000T12LG                       | PF67000T12BK                 | 115V    | 195W  | PFA60000LG                           | PFA60000BK                      |
| PF67000T12LG230                    | PF67000T12BK230              | 230V    | 200W  | PFA60000LG                           | PFA60000BK                      |
| PF67000T12LG460                    | PF67000T12BK460              | 460V    | 170W  | PFA60000LG                           | PFA60000BK                      |

| Airflow data                       | PF 65000                 | PF 66000                 | PF 67000                 | PFA 60000         |
|------------------------------------|--------------------------|--------------------------|--------------------------|-------------------|
| Filter material                    | Type 12 Filtermat        | Type 12 Filtermat        | Type 12 Filtermat        | Type 12 Filtermat |
| Unimpeded airflow                  | 297 CFM                  | 462 CFM                  | 560 CFM                  | -                 |
| Capacity free-flow                 | IP 54: 160 W/K / 160 W/K | IP 54: 213 W/K / 218 W/K | IP 54: 282 W/K / 292 W/K | -                 |
|                                    | IP 55: 168 W/K / 168 W/K | IP 55: 257 W/K / 262 W/K | IP 55: 308 W/K / 317 W/K | -                 |
| Airflow in combination             | 230 CFM                  | 295 CFM                  | 368 CFM                  | -                 |
| (Filterfan + Exhaust Filter)       | (PF 65000 + PFA 60000)   | (PF 66000 + PFA 60000)   | (PF 67000 + PFA 60000)   | -                 |
| Capacity in combination            | 127 W/K                  | 167 W/K                  | 208 W/K                  | -                 |
| (Filterfan + Exhaust Filter)       | (PF 65000 + PFA 60000)   | (PF 66000 + PFA 60000)   | (PF 67000 + PFA 60000)   | -                 |
| Max. static pressure (Airflow = 0) | 74 Pa                    | 134 Pa                   | 187 Pa                   | -                 |
| Filtration efficiency              | 0.91                     | 0.91                     | 0.91                     | 0.91              |
| Filter material grade              | G 4 (DIN EN 779)         | G 4 (DIN EN 779)         | G 4 (DIN EN 779)         | G 4 (DIN EN 779)  |
| Duty cycle                         | 1                        | 1                        | 1                        | -                 |

| Technical data   | PF 65000   | PF 66000        | PF 67000        | PFA 60000      |
|--|--|-----------------|-----------------|----------------|
| Outside dimensions in mm (height x width x installation depth) | 320 x 320 x 150  | 320 x 320 x 150 | 320 x 320 x 150 | 320 x 320 x 39 |
| Bearing type   | ball bearings  | ball bearings   | ball bearings   | -              |
| Fitting position   | any, horizontal airflow preferred  |                 | any             | -              |
| Construction   | housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO |                 |                 |                |
| Weight   | 3.2 kg   | 3.2 kg          | 3.7 kg          | 0.7 kg         |
| Safety protection  | in accordance with DIN 31 001  |                 |                 | -              |
| Color  | RAL 7035, Light Grey   |                 |                 |                |
| Connections  | cage clamp   | cage clamp      | cage clamp      | -              |
| Noise Level (EN ISO 3741)                                      | 52 dB (A)  | 64 dB (A)       | 69 db (A)       | -              |

| Supplementary data              | PF 65000  | PF 66000 | PF 67000 |
|---------------------------------|---|----------|----------|
| 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 | 291 + 1/-0 thickness of material to 2 mm  |          |          |
|                                 | 292 + 1/-0 thickness of material > 2 mm < 3 mm                                      |          |          |

Data subject to change without notice