

## 297-560 CFM Filterfans *PF GEN4 Series*

### Type 12



- 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

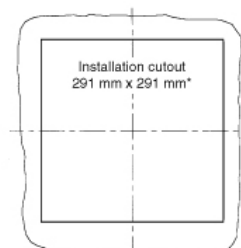
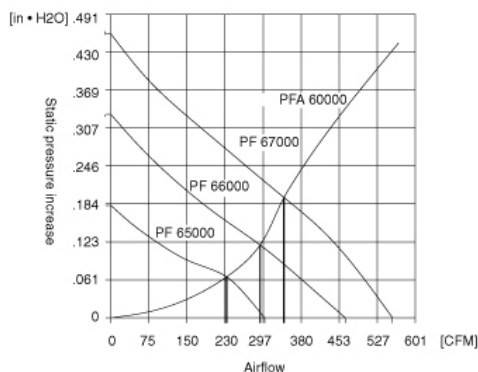
- Exhaust Filters
- Replacement Filters



### Airflow data:

PF 65000 / PF 66000 / PF 67000

PF 65000, PF 66000, PF 67000 + PFA 60000

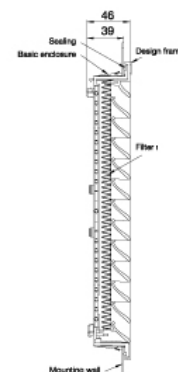
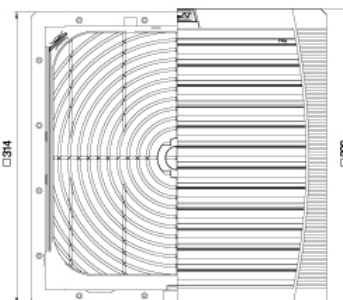
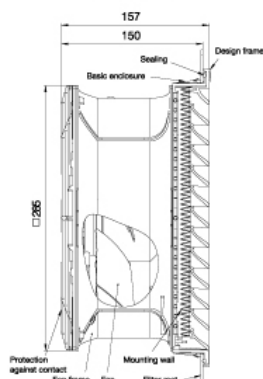


### Mechanical data:

PF 65000, PF 66000,  
PF 67000

PF 65000, PF 66000,  
PF 67000 + PFA 60000

PFA 60000



| Part Number     | Part Number     | Voltage Power |      | Mating Exhaust Filter | Mating Exhaust Filter | Ship Wt. lbs. |
|-----------------|-----------------|---------------|------|-----------------------|-----------------------|---------------|
| PF65000T12LG    | PF65000T12BK    | 115V          | 90W  | PFA60000LG            | PFA60000BK            | 7.5           |
| PF65000T12LG230 | PF65000T12BK230 | 230V          | 80W  | PFA60000LG            | PFA60000BK            | 7.5           |
| PF66000T12LG    | PF66000T12BK    | 115V          | 160W | PFA60000LG            | PFA60000BK            | 8             |
| PF66000T12LG230 | PF66000T12BK230 | 230V          | 155W | PFA60000LG            | PFA60000BK            | 8             |

| Part Number     | Part Number     | Voltage Power |      | Mating Exhaust Filter | Mating Exhaust Filter | Ship Wt. lbs. |
|-----------------|-----------------|---------------|------|-----------------------|-----------------------|---------------|
| PF67000T12LG    | PF67000T12BK    | 115V          | 195W | PFA60000LG            | PFA60000BK            | 8             |
| PF67000T12LG230 | PF67000T12BK230 | 230V          | 170W | PFA60000LG            | PFA60000LG            | 8             |

| 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 /<br>160 W/K | IP 54: 213 W/K /<br>218 W/K | IP 54: 282 W/K /<br>292 W/K | -                 |
|                                    | IP 55: 168 W/K /<br>168 W/K | IP 55: 257 W/K /<br>262 W/K | IP 55: 308 W/K /<br>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              | 320 x 320 x 150                                                          | 320 x 320 x 150 | 320 x 320 x 150 | 320 x 320 x 39 |
| (height x width x installation depth) |                                                                          |                 |                 |                |
| 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      | -              |

| 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 | 177 + 1/-0 thickness of material to 2 mm                                            |          |          |
|                                 | 178 + 1/-0 thickness of material > 2 mm < 3 mm                                      |          |          |

