# 297-560 CFM Filterfans *PF GEN4 Series*

**Type 12**





## Features

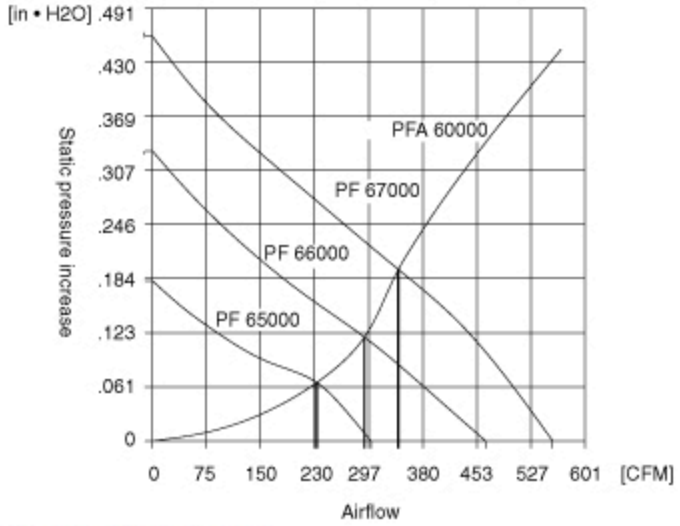
- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware-free installation
- Plastic made from strong, heat resistant ABS-FR, UL 94 V0 fire approved material
- Fan ships with one filter. Additional filters can be purchased separately
- Fan Motor is CSA Approved

## Accessories

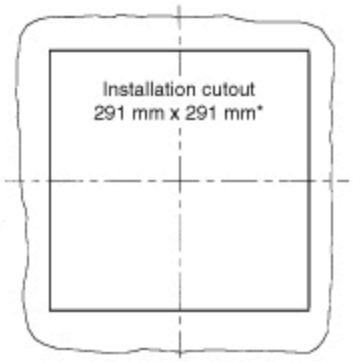
- Exhaust Filters
- Filterfan Rainhoods - 4/4X
- Thermostats
- Replacement Filters
- Filterfan Rainhoods - 3R

# Airflow data:

PF 65000 / PF 66000 / PF 67000

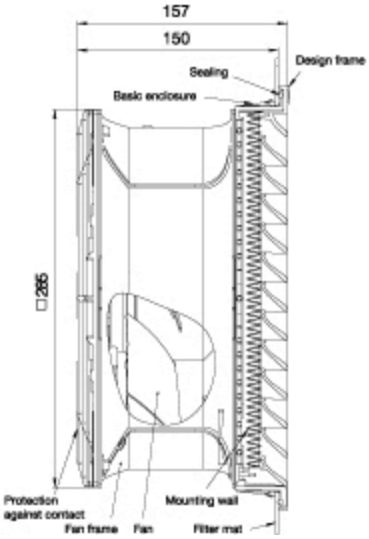



PF 65000, PF 66000, PF 67000 + PFA 60000

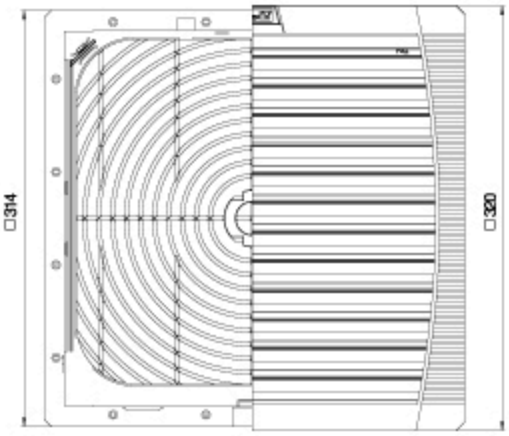



# Mechanical data:

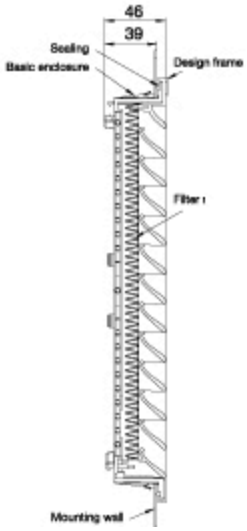
PF 65000, PF 66000, PF 67000




PF 65000, PF 66000, PF 67000 + PFA 60000




PFA 60000




## Standard Flow (Pressurize) Design

| Part No. RAL7035 Light Gray | Part No RAL9011 Black | Voltage | Power | Exhaust Filter RAL7035 Light Gray | Exhaust Filter RAL9011 Black | Part No. Replacement Filter |
|---|---|---|---|---|---|---|
| PF65000T12LG | PF65000T12BK | 115V AC | 90W | PFA60000LG | PFA60000BK | PFF60000 |
| PF65000T12LG230 | PF65000T12BK230 | 230V AC | 80W | PFA60000LG | PFA60000BK | PFF60000 |
| PF66000T12LG | PF66000T12BK | 115V AC | 160W | PFA60000LG | PFA60000BK | PFF60000 |
| PF66000T12LG230 | PF66000T12BK230 | 230V AC | 150W | PFA60000LG | PFA60000BK | PFF60000 |
| PF66000T12LG460 | PF66000T12BK460 | 460V AC | 155W | PFA60000LG | PFA60000BK | PFF60000 |
| PF67000T12LG | PF67000T12BK | 115V AC | 195W | PFA60000LG | PFA60000BK | PFF60000 |
| PF67000T12LG230 | PF67000T12BK230 | 230V AC | 200W | PFA60000LG | PFA60000BK | PFF60000 |
| PF67000T12LG460 | PF67000T12BK460 | 460V AC | 170W | PFA60000LG | PFA60000BK | PFF60000 |

## Reverse Flow Design

| Part No. RAL7035 Light Gray | Part No RAL9011 Black | Voltage | Power | Exhaust Filter RAL7035 Light Gray | Exhaust Filter RAL9011 Black | Part No. Replacement Filter |
|---|---|---|---|---|---|---|
| PF6500AT12LG | PF6500AT12BK | 115V AC | 90W | PFA60000LG | PFA60000BK | PFF60000 |
| PF6500AT12LG230 | PF6500AT12BK230 | 230V AC | 80W | PFA60000LG | PFA60000BK | PFF60000 |
| PF6600AT12LG | PF6600AT12BK | 115V AC | 160W | PFA60000LG | PFA60000BK | PFF60000 |

| Part No. RAL7035 Light Gray | Part No RAL9011 Black | Voltage | Power | Exhaust Filter RAL7035 Light Gray | Exhaust Filter RAL9011 Black | Part No. Replacement Filter |
|---|---|---|---|---|---|---|
| **PF6600AT12LG230** | **PF6600AT12BK230** | 230V AC | 150W | **PFA60000LG** | **PFA60000BK** | **PFF60000** |
| **PF6600AT12LG460** | **PF6600AT12BK460** | 460V AC | 155W | **PFA60000LG** | **PFA60000BK** | **PFF60000** |
| **PF6700AT12LG** | **PF6700AT12BK** | 115V AC | 195W | **PFA60000LG** | **PFA60000BK** | **PFF60000** |
| **PF6700AT12LG230** | **PF6700AT12BK230** | 230V AC | 200W | **PFA60000LG** | **PFA60000BK** | **PFF60000** |
| **PF6700AT12LG460** | **PF6700AT12BK460** | 460V AC | 170W | **PFA60000LG** | **PFA60000BK** | **PFF60000** |

| 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 | 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 | - |
| 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 | | |

Tags: **Type 12**, **filterfan**, **fan**, **grill**, **CFM**, **airflow**, **filtration**, **filter**

*Data subject to change without notice.*

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