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# 266-485 CFM Top Mount Filterfans *PTF GEN4 Series*

Type 12

## Features

- Maintains a NEMA 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented “Click & Fit” design provides a hardware free installation!
- Metal Pagoda Cover for rugged environments, easily painted to match machine color
- Fan Motor is CSA Approved

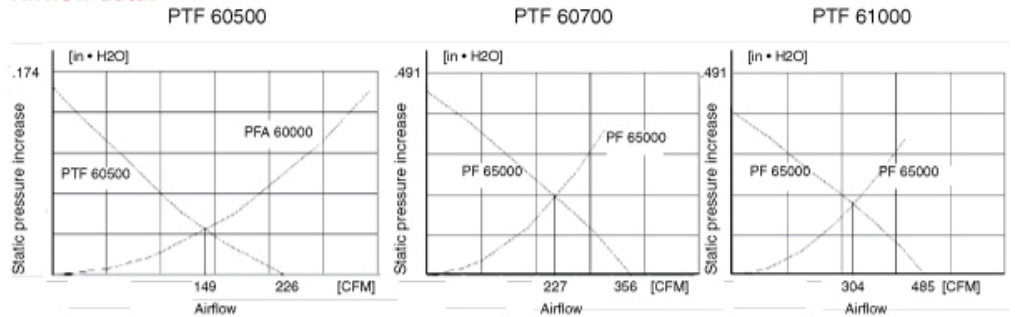


## Accessories

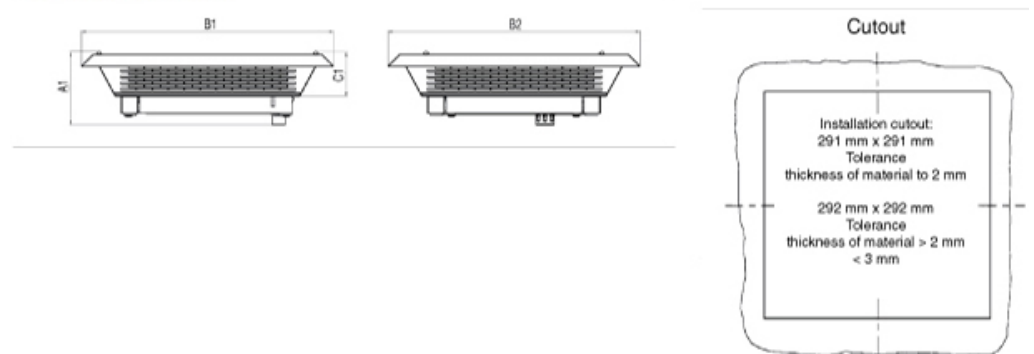
- Exhaust Filters
- Thermostats
- Replacement Filters



## Airflow data:



## Mechanical data:



| Part Number   | Voltage | Power | H    | W     | D     | Installed Depth | Mating Exhaust Filter |
|---------------|---------|-------|------|-------|-------|-----------------|-----------------------|
| PTF60500LG    | 115V    | 24W   | 4.92 | 16.93 | 16.93 | 1.97            | PFA60000LG            |
| PTF60500LG230 | 230V    | 24W   | 4.92 | 16.93 | 16.93 | 1.97            | PFA60000LG            |
| PTF60700LG    | 115V    | 90W   | 5.51 | 18.50 | 18.50 | 1.97            | PFA60000LG            |
| PTF60700LG230 | 230V    | 80W   | 5.51 | 18.50 | 18.50 | 1.97            | PFA60000LG            |
| PTF61000LG    | 115V    | 170W  | 5.51 | 18.50 | 18.50 | 1.97            | PFA60000LG            |
| PTF61000LG230 | 230V    | 150W  | 5.51 | 18.50 | 18.50 | 1.97            | PFA60000LG            |

| Airflow data                       | PTF 60500               | PTF 60700               | PTF 61000               | PTFA 60000        |
|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------|
| Filter material                    | NEMA 12 Filtermat       | NEMA 12 Filtermat       | NEMA 12 Filtermat       | NEMA 12 Filtermat |
| Unimpeded airflow                  | 226 CFM                 | 356 CFM                 | 485 CFM                 | -                 |
| Capacity free-flow                 | 113 W/K                 | 177 W/K                 | 242 W/K                 | -                 |
| Airflow in combination             | 149 CFM                 | 227 CFM                 | 304 CFM                 | -                 |
| (Filterfan + Exhaust Filter)       | (PTF 60500 + PFA 60000) | (PTF 60700 + PFA 60000) | (PTF 61000 + PFA 60000) | -                 |
| Capacity in combination            | 74 W/K                  | 113 W/K                 | 152 W/K                 | -                 |
| (Filterfan + Exhaust Filter)       | (PTF 60500 + PFA 60000) | (PTF 60700 + PFA 60000) | (PTF 61000 + PFA 60000) | -                 |
| Max. static pressure (Airflow = 0) | 71 Pa                   | 88 Pa                   | 158 Pa                  | -                 |
| Filtration efficiency              | 0.81                    | 81%%                    | 0.81                    | -                 |
| Filter material grade              | G 3 (DIN EN 779)        | G 3 (DIN EN 779)        | G 3 (DIN EN 779)        | -                 |
| Duty cycle                         | 1                       | 1                       | 1                       | -                 |

| Technical data    | PTF 60500   | PTF 60700      | PTF 61000      | PTFA 60000 |
|-------------------|---|----------------|----------------|------------|
| Bearing type      | ball bearings   | ball bearings  | ball bearings  | n/a        |
| Fitting position  | horizontal  | horizontal     | horizontal     | any        |
| Construction      | metal chassis cover powder coated, snapin plastic housing |                |                |            |
| Weight            | 5.5 kg  | 5.8 kg         | 6.0 kg         | 3.1 kg     |
| Safety protection | in accordance with DIN 31 001                             |                |                |            |
| Color             | RAL 7035, Light Grey                                      |                |                |            |
| Connections       | terminal strip  | terminal strip | terminal strip | n/a        |

| Supplementary data:           | PFTA 60000  |
|-------------------------------|---|
| Operating temperature         | -10 C (+14 F) to +55 C (+131 F)   |
| Storage temperature           | -20 C (-4 F) to +70 C (+158 F)  |
| Max. relative humidity        | 0.9   |
| System of protection          | IP 33, IP 54 (EN 60 529), when installed as specified                     |
| Accessories                   | radiant heater, fan heater, thermostat, see Thermal Management            |
| Tolerance installation cutout | 291 thickness of material to 2 mm, 292 thickness of material > 2 mm < 3mm |
| Approvals                     | pending   |

*Data subject to change without notice*

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