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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

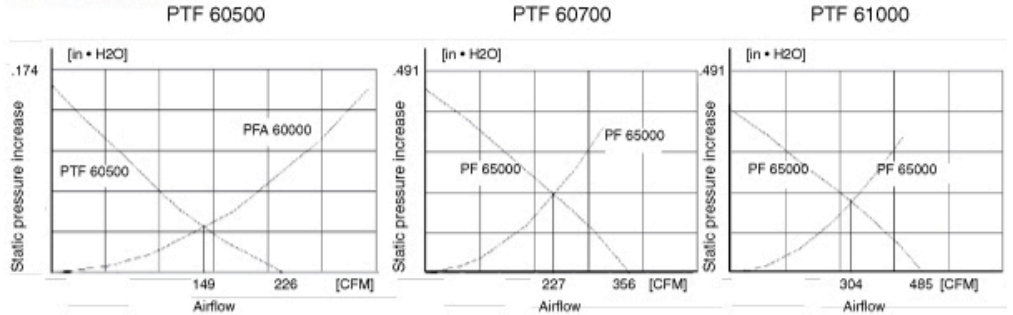


Accessories

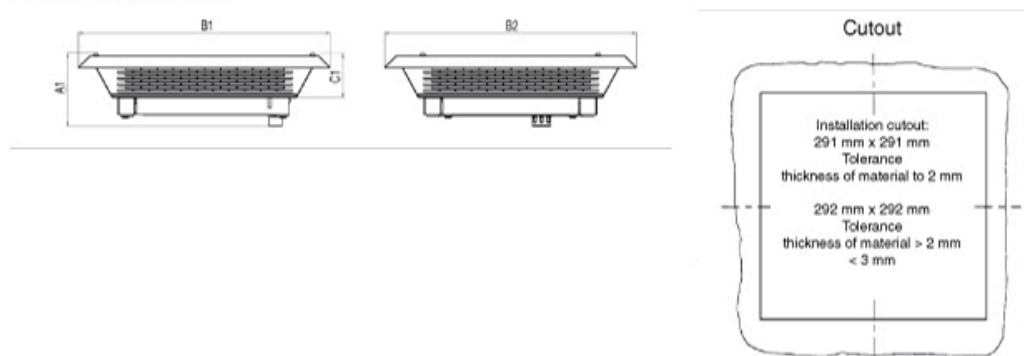
- Exhaust Filters
- Thermostats
- Replacement Filters



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 |

Tags: **Type 12, filterfan, fan, grill, CFM, airflow, filtration, pagoda, cover, filter, top mount**

Data subject to change without notice

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