



*Quality Products. Service Excellence.*

## 17-38 CFM Filterfans *PF GEN4 Series*

Type 12

### Features

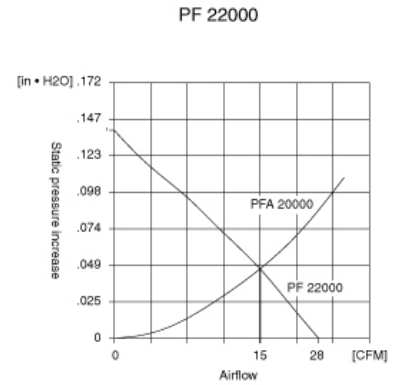
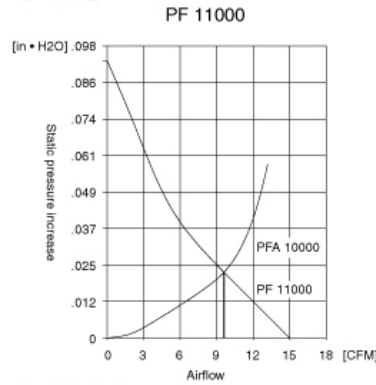


- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented "Click & Fit" design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 V0 fire approved material
- Fan motor is CSA approved
- Options: Black grills

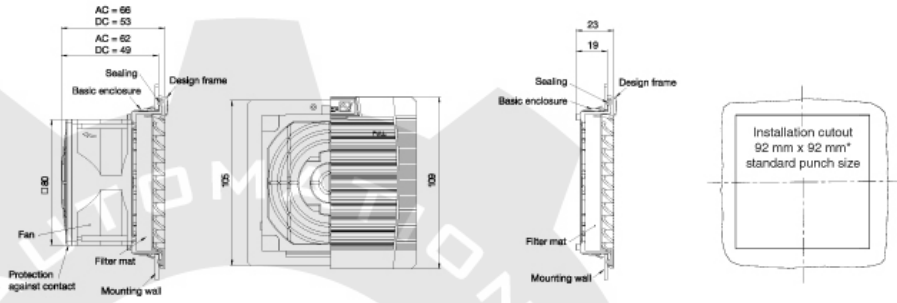
### Accessories

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

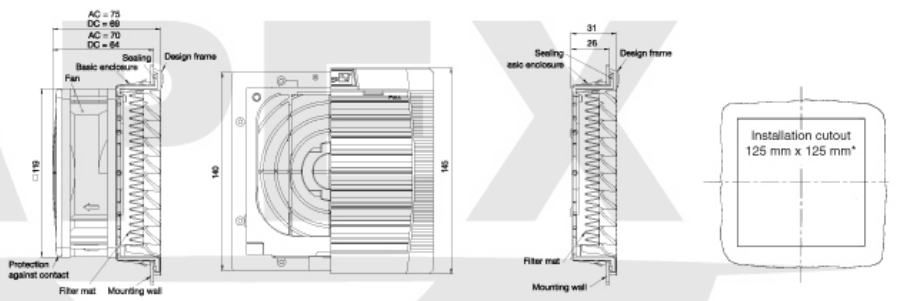


**Airflow data:****Mechanical data:**

PF 11000      PF 11000 + PFA 10000      PFA 10000      Cutout

**Mechanical data:**

PF 22000      PF 22000 + PFA 20000      PFA 20000      Cutout



| Part Number Light Gray<br>RAL7035 | Part Number Black<br>RAL 9011 | Voltage | Power | Exhaust Filter Light<br>Gray RAL7035 | Exhaust Filter<br>Black RAL9011 |
|-----------------------------------|-------------------------------|---------|-------|--------------------------------------|---------------------------------|
| PF11000T12LG                      | PF11000T12BK                  | 115V    | 11W   | PFA10000LG                           | PFA10000BK                      |
| PF11000T12LG230                   | PF11000T12BK230               | 230V    | 11W   | PFA10000LG                           | PFA10000BK                      |
| PF11000T12LG24                    | PF11000T12BK24                | 24V     | 2W    | PFA10000LG                           | PFA10000BK                      |
| PF22000T12LG                      | PF22000T12BK                  | 115V    | 20W   | PFA20000LG                           | PFA20000BK                      |
| PF22000T12LG230                   | PF22000T12BK230               | 230V    | 18W   | PFA20000LG                           | PFA20000BK                      |
| PF22000T12LG24                    | PF22000T12BK24                | 24V     | 5W    | PFA20000LG                           | PFA20000BK                      |

| Airflow data                            | PF 11000               | PF 22000               | PFA 1-20000         |
|-----------------------------------------|------------------------|------------------------|---------------------|
| Filter material                         | Type 12 filter mat     | Type 12 filter mat     | Type 12 filter mat  |
| Unimpeded airflow                       | 17 CFM                 | 38 CFM                 | -                   |
| Capacity free-flow                      | 10 W/K                 | 21 W/K                 | -                   |
| Airflow in combination                  | 11 CFM                 | 28 CFM                 | -                   |
| (Filterfan + Exhaust Filter)            | (PF 11000 + PFA 10000) | (PF 22000 + PFA 20000) | -                   |
| Capacity in combination                 | 6 W/K                  | 15 W/K                 | -                   |
| (Filterfan + Exhaust Filter)            | (PF 11000 + PFA 10000) | (PF 22000 + PFA 20000) | -                   |
| Max. static pressure (Airflow = 0 m3/h) | 38 Pa                  | 57 Pa                  | -                   |
| Filtration efficiency                   | 0.88                   | 0.91                   | 88/91%              |
| Filter material grade                   | G 3 (DIN EN 779)       | G 4 (DIN EN 779)       | G3/ G4 (DIN EN 779) |
| Duty cycle                              | 1                      | 1                      | -                   |

| Technical data                                                    | PF 11000<br>AC                                                           | PF 11000<br>DC | PF 22000<br>AC  | PF 22000<br>DC       | PFA 10000<br>PFA 20000            |
|-------------------------------------------------------------------|--------------------------------------------------------------------------|----------------|-----------------|----------------------|-----------------------------------|
| Outside dimensions in mm<br>(height x width x installation depth) | 109 x 109 x 62                                                           | 109 x 109 x 49 | 145 x 145 x 70  | 145 x 145 x 64       | 109 x 109 x 26/<br>145 x 145 x 26 |
| Bearing type                                                      | sleeve bearings                                                          | ball bearings  | sleeve bearings | ball bearings        | -                                 |
| Fitting position                                                  | vertical                                                                 | any            | vertical        | any                  | -                                 |
| Construction                                                      | housing and guard of sprayed thermoplastic, self-extinguishing, UL 94 VO |                |                 |                      |                                   |
| Weight                                                            | 0.55 kg                                                                  | 0.16 kg        | 0.7 kg          | 0.44 kg              | 0.06 kg / 0.12 kg                 |
| Safety protection                                                 | in accordance with DIN 31 001                                            |                |                 |                      |                                   |
| Color LG                                                          | RAL 7035, Light Grey                                                     |                |                 |                      |                                   |
| Color BK                                                          | RAL 9011 Black                                                           |                |                 |                      |                                   |
| Connection                                                        | 2 wires, 310 mm long                                                     |                | terminal strip  | 2 wires, 310 mm long |                                   |
| System of protection                                              | NEMA Type 12, IP 55 (EN 60 529), when installed as specified             |                |                 |                      |                                   |
| Noise Level (EN ISO 3741)                                         | 33 dB (A)                                                                |                | 44 dB (A)       |                      |                                   |

Data subject to change without notice

© 2022. Hammond Manufacturing Ltd. All rights reserved.