



*Quality Products. Service Excellence.*

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

Type 12

### Features

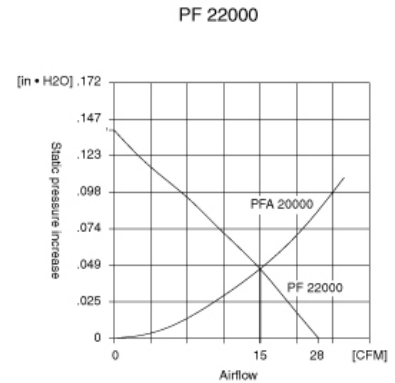
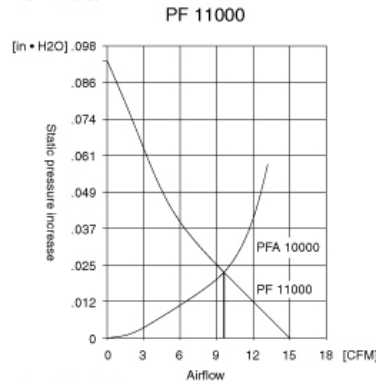
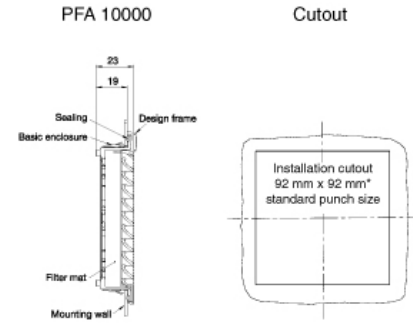
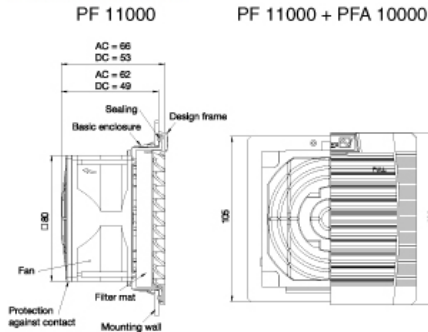
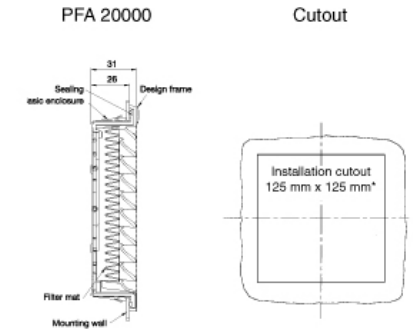
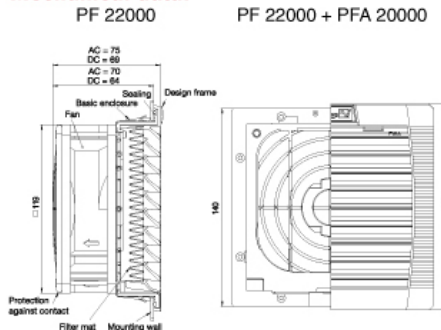


- Maintains a UL Tested NEMA Type 12 seal against enclosure
- UL Recognized to UL 508A, category NITW2/8, UL File #E175229
- Patented "Click & Fit" design provides a hardware free installation!
- Plastic made from strong, heat resistant (ABS-FR), UL 94 V0 fire approved material
- Fan motor is CSA approved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

### Accessories

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



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

| 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 m <sup>3</sup> /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                      | -                   |

|                                       | PF 11000                                                                 | PF 11000       | PF 22000        | PF 22000             | PFA 10000         |
|---------------------------------------|--------------------------------------------------------------------------|----------------|-----------------|----------------------|-------------------|
| Technical data                        | AC                                                                       | DC             | AC              | DC                   | PFA 20000         |
| Outside dimensions in mm              | 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/   |
| (height x width x installation depth) | 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*

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