



| Part Number     | Part Number     | Voltage | Power | Mating Exhaust Filter | Mating Exhaust Filter | Ship Wt. lbs. |
|-----------------|-----------------|---------|-------|-----------------------|-----------------------|---------------|
| PF42500T12LG230 | PF42500T12BK230 | 230V    | 18W   | PFA40000LG            | PFA40000BK            | 4             |
| PF42500T12LG24  | PF42500T12BK24  | 24V     | 5W    | PFA40000LG            | PFA40000BK            | 4             |
| PF43000T12LG    | PF43000T12BK    | 115V    | 40W   | PFA40000LG            | PFA40000BK            | 5             |
| PF43000T12LG230 | PF43000T12BK230 | 230V    | 39W   | PFA40000LG            | PFA40000BK            | 5             |
| PF43000T12LG24  | PF43000T12BK24  | 24V     | 12W   | PFA40000LG            | PFA40000BK            | 5             |

| Airflow data  | PF 42500                  | PF 43000                  | PFA 40000                 |
|---|---------------------------|---------------------------|---------------------------|
| Filter material   | NEMA Type 12<br>Filtermat | NEMA Type 12<br>Filtermat | NEMA Type 12<br>Filtermat |
| Unimpeded airflow                                       | 94 CFM                    | 169 CFM                   | -                         |
| Capacity free-flow                                      | 53 W/K                    | 188 W/K                   | -                         |
| Airflow in combination                                  | 67 CFM                    | 142 CFM                   | -                         |
| (Filterfan + Exhaust Filter)                            | (PF 42500 + PFA<br>40000) | (PF 43000 + PFA<br>40000) | -                         |
| Capacity in combination                                 | 38 W/K                    | 69 W/K                    | -                         |
| (Filterfan + Exhaust Filter)                            | (PF 43000 + PFA<br>40000) | (PF 43000 + PFA<br>40000) | -                         |
| Max. static pressure (Airflow =<br>0 m <sup>3</sup> /h) | 49 Pa                     | 112 Pa                    | -                         |
| Filtration efficiency                                   | 0.91                      | 0.91                      | 0.91                      |
| Filter material grade                                   | G 4 (DIN EN 779)          | G 4 (DIN EN 779)          | G 4 (DIN EN 779)          |
| Duty cycle  | 1                         | 1                         | -                         |

| Technical data   | PF 42500<br>AC/DC   | PF 43000<br>AC/DC | PFA 40000      |
|--|---|-------------------|----------------|
| Outside dimensions in mm<br>(height x width x installation<br>depth) | 252 x 252 x 97  | 252 x 252 x 113   | 252 x 252 x 38 |
| Bearing type / Lagerart  | ball bearings   | ball bearings     | -              |
| Fitting position / Einbaulage  | any, horizontal airflow preferred   |                   | any            |
| Construction   | housing and guard of sprayed thermoplastic, self-extinguishing,<br>UL 94 VO |                   |                |
| Weight   | 1.18 kg   | 1.67 kg           | 0.46 kg        |
| Safety protection  | in accordance with DIN 31 001   |                   |                |
| Color  | RAL 7035, Light Grey  |                   |                |
| Connections / Anschlussart   | cage clamp  | cage clamp        | -              |

| Supplementary data                 | PF 42500   | PF 43000 | PFA 40000 |
|------------------------------------|--|----------|-----------|
| 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,<br>thermostat, hygrostat |          |           |
| Approvals                          | UL Recognized  |          |           |
| * Tolerance installation<br>cutout | 223 + 1/-0 thickness of material to 2 mm   |          |           |
|                                    | 224 + 1/-0 thickness of material > 2 mm < 3 mm   |          |           |

