

Filterfan PF 22.000 Exhaust filter PFA 20.000



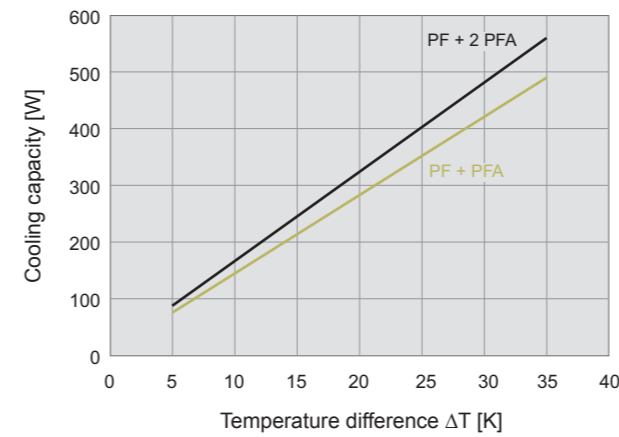
- installation size 2, air flow rate up to 70 m³/h
- system of protection IP 54 and IP 55, NEMA type 12
- UL, cUL approval
- UV-resistance (IP 55 version)
- cut-out compatible with installation size 2 from the 3rd Generation

| Data | | PF 22.000 | | | | | Unit |
|--|------------------|---|-------------|------------------------------|---------------------|-------------|---------|
| Article number | IP 54 | 11622101055 | 11622151055 | 11622851055 | 11622801055 | 11622701055 | |
| | IP 55 | 11622103055 | 11622153055 | 11622853055 | 11622803055 | 11622703055 | |
| Rated voltage ± 10 % | AC 50 Hz / 60 Hz | | | DC | | | V |
| | | 230 | 115 | 12 | 24 | 48 | |
| Unimpeded airflow | IP 54 | 61 / 70 | | | | | m³/h |
| | IP 55 | 56 / 64 | | | | | |
| Air flow rate in combination (PF + PFA 20.000) | IP 54 | 44 / 52 | | | | | |
| | IP 55 | 40 / 46 | | | | | |
| Power consumption | | 19 / 18 | 20 / 20 | 5 | 5 | 5 | W |
| Current consumption | | 0.12 / 0.18 | 0.24 / 0.23 | 0.42 | 0.21 | 0.1 | A |
| Noise level (according to EN ISO 3741) | IP 54 | 44 / 44 | | | 44 | | dB (A) |
| | IP 55 | | | | | | |
| Weight | | 0.7 | | | 0.44 | | kg |
| Type of connection | | terminal strip | | cable, 2-core, length 310 mm | | | |
| Fuse | | 6 | | | | | A |
| System of protection according to EN 60529 / UL 50 | IP 54 | NEMA type 12 - standard filter | | | | | |
| | IP 55 | NEMA type 12 - fluted filter | | | | | |
| Filtration efficiency | IP 54 | 88 | | | | | % |
| | IP 55 | 91 | | | | | |
| Filter mat quality class according to EN 779 | IP 54 | G 3 | | | | | |
| | IP 55 | G 4 | | | | | |
| Duty cycle | | 100 | | | | | % |
| Bearing type | | sleeve bearing | | ball bearing | | | |
| Service life L ₁₀ (+ 40 °C) ¹ | | 37500 | 40000 | 62500 | | | h |
| Temperature range | | - 15 ... + 55 / + 5 ... + 131 | | | | | °C / °F |
| Design (housing and protection against accidental contact) | IP 54 | made of injection-moulded thermoplastic, self-extinguishing, UL 94 VO | | | | | |
| | IP 55 | additional: UV-resistant | | | | | |
| Colour | | RAL 7035, different colours available on request | | | | | |
| Accessories | Piece | Article number | | | Information on page | | |
| Exhaust filter PFA 20.000 | IP 54 | 1 | 11720001055 | | | 160 | |
| | IP 55 | 1 | 11720003055 | | | 160 | |
| Thermostat | 1 | 17121000000 | | | 176/178 | | |

¹ fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary
Approvals see page 119

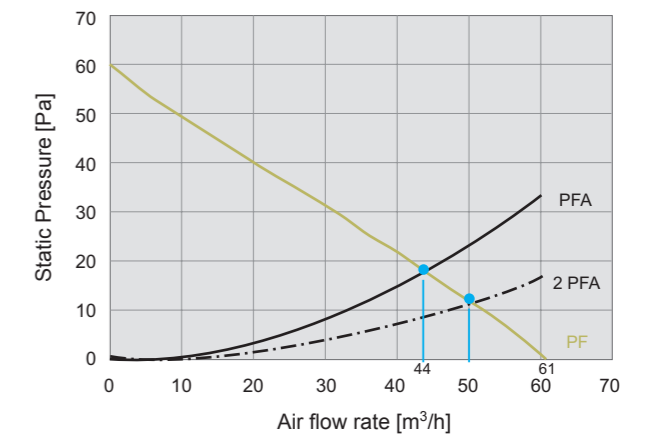
Cooling capacity performance curves

PF 22.000 IP 54

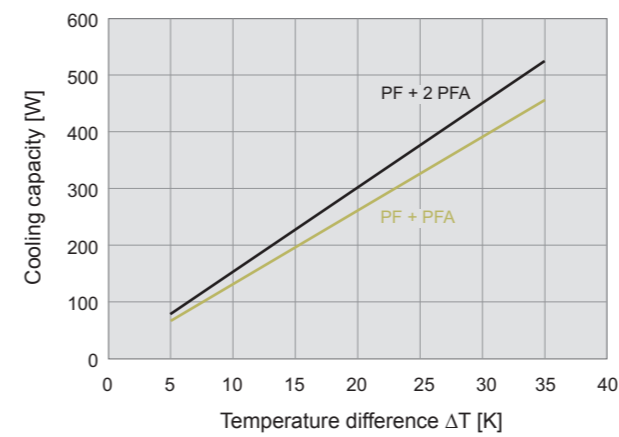


Static pressure performance curves

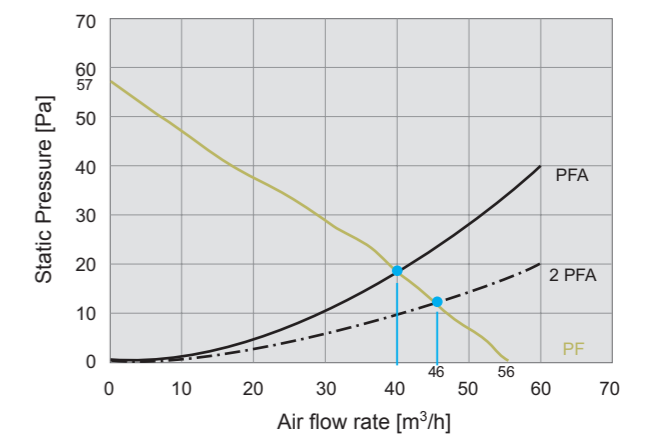
PF 22.000 IP 54



PF 22.000 IP 55



PF 22.000 IP 55



Dimensions

| mm | PF 22.000 | | PFA 20.000 |
|----------------|-----------|-----|------------|
| | AC | DC | |
| X | 145 | 145 | 145 |
| Y | 145 | 145 | 145 |
| Z1 | 5 | 5 | 5 |
| Z2 | 70 | 64 | 26 |
| A ¹ | 125 | 125 | 125 |
| B ¹ | 125 | 125 | 125 |

¹ for material thicknesses up to 2 mm
+ 1 mm for thickness of material > 2 mm ≤ 3 mm

