

Filterfans for roof mounting

PTF 60.500

PTF 60.700

PTF 61.000

Top exhaust filter for roof mounting

PTFA 60.000



- 2 installation sizes, air flow rate up to 1000 m³/h
- three performance classes, cut-out compatible
- safe condensate management system
- system of protection IP 33 and IP 54
- optimum passage of air and even temperature distribution (natural air convection is supported)
- toolless mounting, patented quick fastening system
- UL, cUL approval

| Data | | PTF 60.500 | | PTF 60.700 | | PTF 61.000 | | Unit |
|--|-------|---|----------------|---------------|-------------|---------------|---------------------|-------------------|
| Article number | IP 54 | 11685101055 | 11685151055 | 11087102055 | 11087152055 | 11081102055 | 11081152055 | |
| | IP 33 | 11685100055 | 11685150055 | 11087101055 | 11087151055 | 11081101055 | 11081151055 | |
| AC 50 Hz / 60 Hz | | | | | | | | |
| Rated voltage ± 10 % | | 230 | 115 | 230 | 115 | 230 | 115 | V |
| Unimpeded airflow | IP 54 | 350 | | 550 | | 750 | | m ³ /h |
| | IP 33 | 500 | | 700 | | 1000 | | |
| Airflow rate in combination (PTF + PFA 60.000) | IP 54 | 242 | | 370 | | 500 | | |
| | IP 33 | 268 | | 427 | | 582 | | |
| Power consumption | | 4 x 28 / 29 | 4 x 29 / 24 | 65 / 80 | 75 / 90 | 115 / 150 | 110 / 160 | W |
| Current consumption | | 4 x 0.2 / 0.2 | 4 x 0.3 / 0.3 | 0.3 / 0.36 | 0.66 / 0.8 | 0.51 / 0.66 | 0.96 / 1.4 | A |
| Noise level (according to EN ISO 3741) | IP 54 | 67 | | 69 | | 77 | | dB (A) |
| | IP 33 | | | | | | | |
| Weight | | 5.5 | | 5.8 | | 6.0 | | kg |
| Type of connection | | terminal strip | | | | | | |
| Fuse | | 6 | | | | | | A |
| System of protection according to EN 60529 / UL 50 | | IP 33, IP 54 | | | | | | |
| Filtration efficiency | IP 54 | 81 | | | | | | % |
| | IP 33 | 0 (no filter mat) | | | | | | |
| Filter mat quality class according to EN 779 | IP 54 | G 3 | | | | | | |
| | IP 33 | no filter mat | | | | | | |
| Duty cycle | | 100 | | | | | | % |
| Bearing type | | ball bearing | | | | | | |
| Service life L ₁₀ (+ 40 °C) ¹ | | approx. 50000 ² | | approx. 40000 | | approx. 40000 | | h |
| Temperature range | | - 15 ... + 55 / + 5 ... + 131 | | | | | | °C / °F |
| Design (housing and protection against accidental contact) | | sheet steel, cover powder-coated; snap-in housing made of injection-moulded thermoplastic (ABS-FR) self-extinguishing, UL 94 VO | | | | | | |
| Colour | | RAL 7035, different colours available on request | | | | | | |
| Accessories | | Piece | Article number | | | | Information on page | |
| Exhaust filter PTFA 60.000 | IP 54 | 1 | 11786001055 | | | | 160 | |
| | IP 33 | 1 | 11786000055 | | | | 160 | |
| Thermostat | | 1 | 17121000000 | | | | 176/178 | |

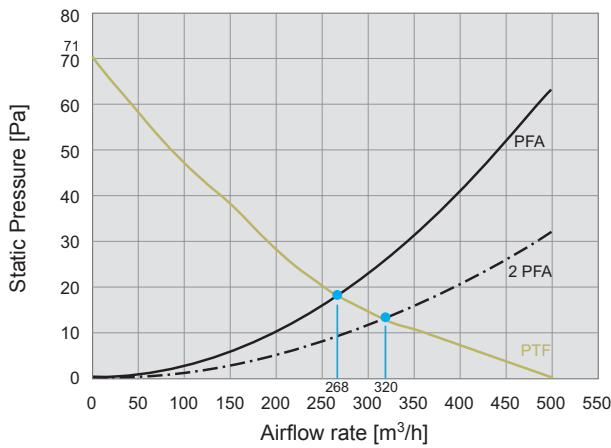
¹ fan failure is defined as being when the current and speed deviate or the operating noises are out of the ordinary

² L₁₀ (+25 °C)

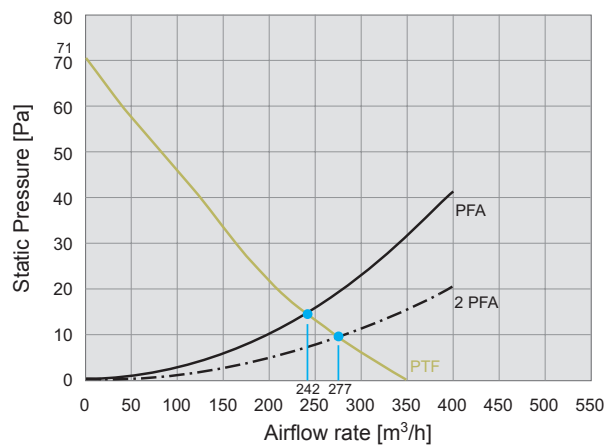
Approvals see page 119

Static pressure performance curves

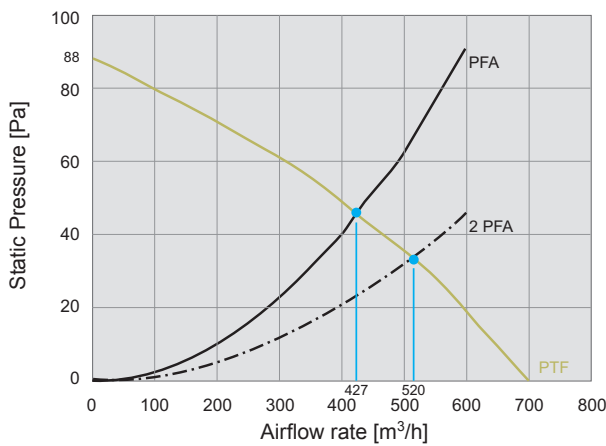
PTF 60.500 IP 33



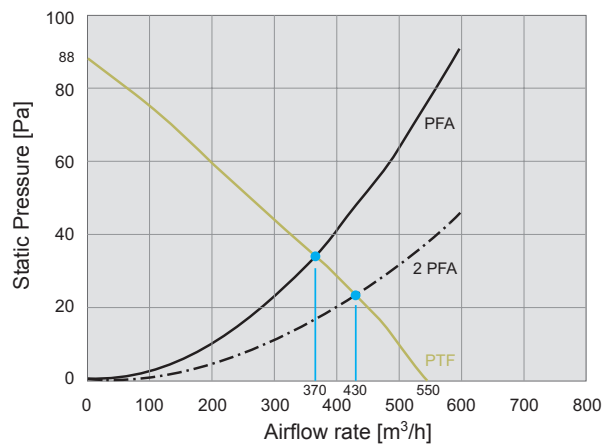
PTF 60.500 IP 54



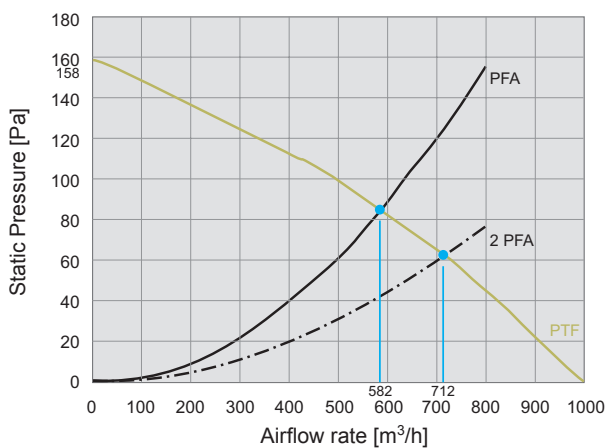
PTF 60.700 IP 33



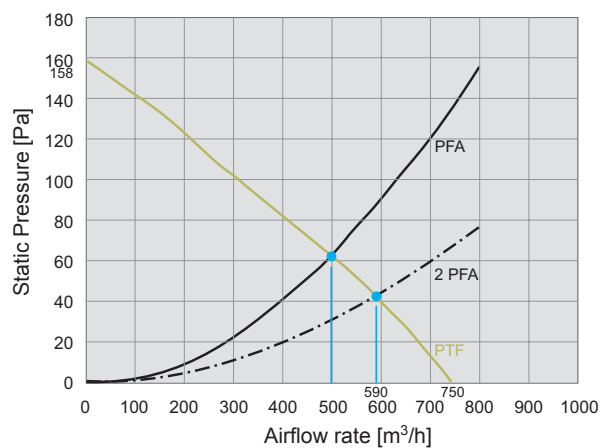
PTF 60.700 IP 54



PTF 61.000 IP 33

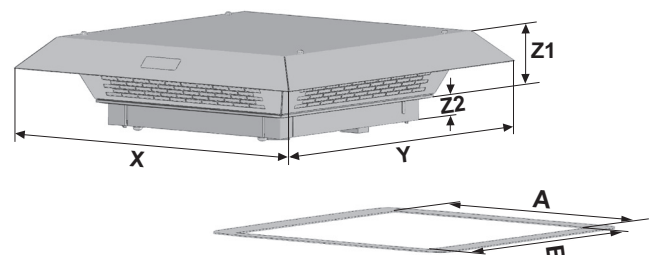


PTF 61.000 IP 54



Dimensions

| mm | PTF 60.500 | PTF 60.700 | PTF 61.000 | PTFA 60.000 |
|----------------|------------|------------|------------|-------------|
| X | 430 | 470 | 470 | 470 |
| Y | 430 | 470 | 470 | 470 |
| Z1 | 75 | 90 | 90 | 90 |
| Z2 | 50 | 50 | 50 | 50 |
| A ¹ | 291 | 291 | 291 | 291 |
| B ¹ | 291 | 291 | 291 | 291 |



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