

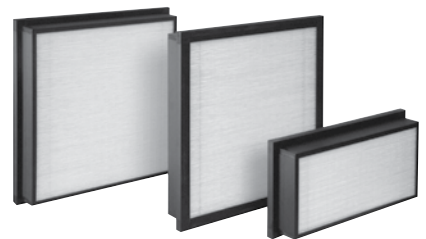


VOKES AIR

Taking small steps together, always ahead, towards a better world

Micratex FP-P

Fine dust filter



Micratex FP-P

Fine dust filter

With 10 m² of media packed into a self-supporting frame only 100 mm deep, Micratex FP-P offers a high dust holding capacity and long life in a compact, rigid design.

Available in a wide array of efficiencies and sizes, Micratex FP-P is suited to a diverse range of applications, but particularly those which require a high-level of safety and assured performance.

A plastic cavity-profile frame makes disposal easy by incineration and a low pressure drop reduces energy consumption and operating costs.



APPLICATIONS



Clean Air



Power Generation



Clean Room



Industrial

KEY FACTS

- ▶ **Air flow up to 3400 m³/h per cell**
Suited for even the most demanding of applications
- ▶ **Glass fibre paper**
No fibre loss or shedding
- ▶ **Large filter surface of 10.0m²**
For a high dust holding capacity and long service life
- ▶ **Lightweight**
Easy to install, handle and remove
- ▶ **Low pressure drop**
Reduced energy consumption
- ▶ **Self-supporting and rigid**
Provides a high burst pressure and eliminates dust migration
- ▶ **Fully incinerable, plastic cavity profile frame**
For simple, environmentally-friendly disposal
- ▶ **Compact with an installation depth of only 100 mm**
Easy to handle and store

Technical Data

| Micratex FP-P | | F6 - 610 | F7 - 610 | F8 - 610 |
|--|-------------------|----------|----------|----------|
| Air Flow (normal service life) | m ³ /h | 3400 | 3400 | 3400 |
| Initial pressure drop | Pa | 135 | 150 | 170 |
| Air Flow (long service life) | m ³ /h | 3000 | 3000 | 3000 |
| Initial pressure drop | Pa | 110 | 120 | 135 |
| Filter class as per EN 779 | - | F6 | F7 | F8 |
| Efficiency, 0.4µm DEHS, EN 779 | % | 65 | 81 | 91 |
| Arrestance, gravimetric average, EN 779 | % | ≥ 96 | ≥ 98 | ≥ 99 |

Application Parameters

Continuous Operating Temp.* ≤ 65°C

Pressure Drop:

Rec. Final Pressure Drop ≤ 450 Pa

Max. Final Pressure Drop ≤ 800 Pa

Burst Pressure (new filter) > 1000 Pa

Admissible Relative Humidity < 100%

*120°C HT-version also available

Materials

Filter media Micro-glass fibre paper pleated to form mats

Frame Halogen-free incinerable polystyrol

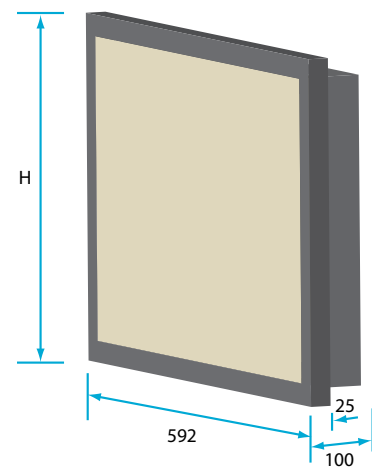
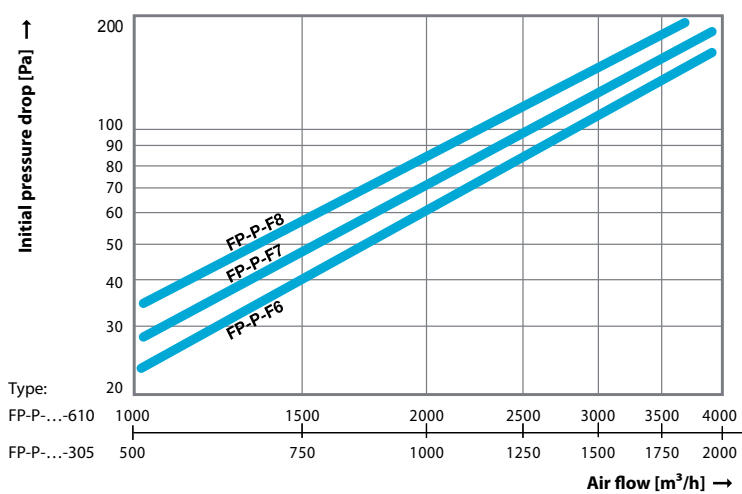
Sealant Polyurethane

Flam. class K2/F2 according to DIN 53438

All components are classified as class 1 (no visible microbiological growth)

| Available Types | -305 | -420 | -508 | -610 |
|--------------------|------|------|------|------|
| Dim. H (mm) | 287 | 402 | 490 | 592 |
| Weight (kg) | 1.5 | 2.0 | 2.2 | 2.5 |

Pressure drop versus air flow



▲ Dimensions [mm]

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In view of continuous research and development we reserve the right to modify specifications and dimensions without prior notice. For quoted standards, the issue valid at the print date of this leaflet is relevant.
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