



# VOKES AIR

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

## Micratex FP-P

Fine dust filter



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**With 10 m<sup>2</sup> 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 m<sup>3</sup>/h per cell**  
Suited for even the most demanding of applications
- ▶ **Glass fibre paper**  
No fibre loss or shedding
- ▶ **Large filter surface of 10.0m<sup>2</sup>**  
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
<b>Air Flow (normal service life)</b>	m <sup>3</sup> /h	3400	3400	3400
<b>Initial pressure drop</b>	Pa	135	150	170
<b>Air Flow (long service life)</b>	m <sup>3</sup> /h	3000	3000	3000
<b>Initial pressure drop</b>	Pa	110	120	135
<b>Filter class as per EN 779</b>	-	F6	F7	F8
<b>Efficiency, 0.4µm DEHS, EN 779</b>	%	65	81	91
<b>Arrestance, gravimetric average, EN 779</b>	%	≥ 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

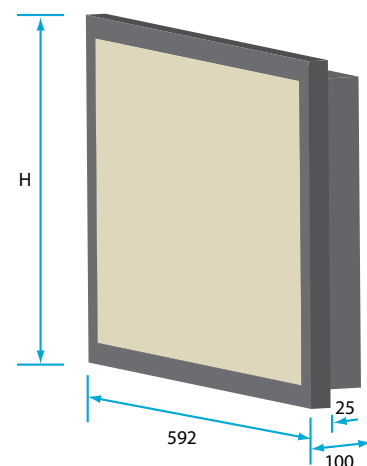
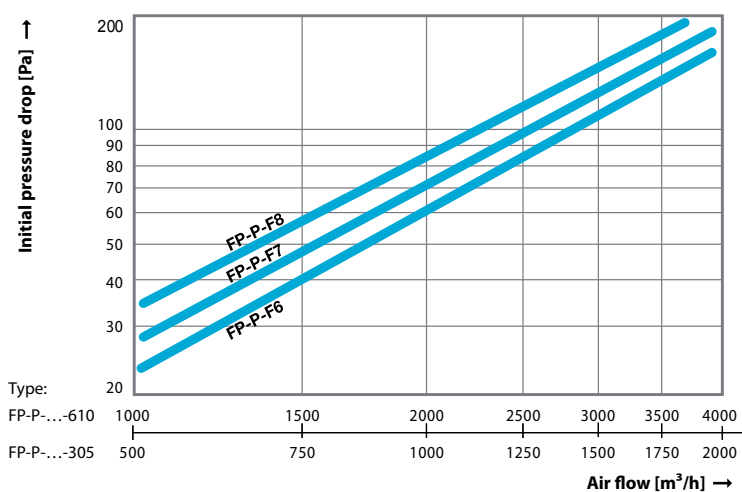
**Sealant** Polyurethane

**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
<b>Dim. H (mm)</b>	287	402	490	592
<b>Weight (kg)</b>	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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