



# VOKES AIR

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

## Micratex FP-P-HT

The superior solution





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The superior solution

## APPLICATIONS



Clean Air



Power Generation



Clean Room



Industrial

## KEY FACTS

- ▶ **Operating temperature of up to 120 °C**  
Suitable for use in the most extreme of operating environments
- ▶ **Glass fibre paper**  
No fibre loss or shedding
- ▶ **Large filter surface of 8.5m<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
- ▶ **Air flow up to 3000 m<sup>3</sup>/h per cell**  
Suited for even the most demanding of applications
- ▶ **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 88 mm**  
Easy to handle and store

**Designed to operate within the harshest of environments, Micratex FP-P-HT is the high temperature version of our popular Micratex FP-P.**

A galvanised steel frame allows this filter to operate continuously in temperatures of up to 120 °C, meaning that even in the most inhospitable of conditions Micratex FP-P-HT will retain its high performance and rigidity.

A filter surface area of 8.5 m<sup>2</sup>, coupled with a depth of only 88 mm and a light weight, mean that Micratex FP-P-HT provides a long life and low pressure drop in a compact, durable design.



- ▼ Micratex FP-P-HT



## Technical Data

Micratex FP-P-HT		F6 - 610	F7 - 610	F8 - 610	F9 - 610	E11 - 610	E12 - 610
<b>Air Flow (normal service life)</b>	m <sup>3</sup> /h	3000	3000	3000	2500	2500	1500
<b>Initial pressure drop</b>	Pa	100	120	155	180	250	300
<b>Air Flow (long service life)</b>	m <sup>3</sup> /h	2500	2500	2500	2000	2000	1000
<b>Initial pressure drop</b>	Pa	75	90	120	140	190	190
<b>Filter class as per EN 779 EN 1822</b>	-	F6	F7	F8	F9 (E10)	E11	E12
<b>Efficiency (atmospheric average, EN 779)</b>	%	79	82	93	98	-	-
<b>Arrestance (gravimetric average, EN 779)</b>	%	≥ 98	≥ 99	≥ 99	~ 100	-	-
<b>Efficiency (MPPS-DEHS), EN 1822</b>	%	-	-	-	> 85	> 95	> 99.5

### Application Parameters

<b>Continuous Operating Temp.</b>	≤ 120°C
<b>Pressure Drop:</b>	
<b>Rec. Final Pressure Drop</b>	≤ 450 Pa
<b>Max. Final Pressure Drop</b>	≤ 800 Pa
<b>Burst Pressure (new filter)</b>	> 1000 Pa
<b>Admissible Relative Humidity</b>	< 100%

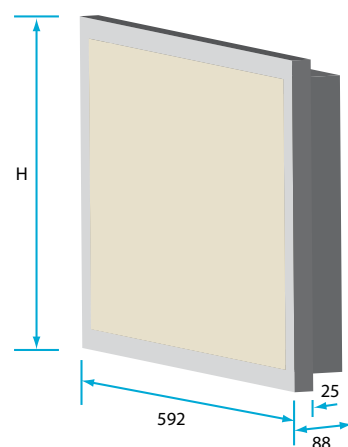
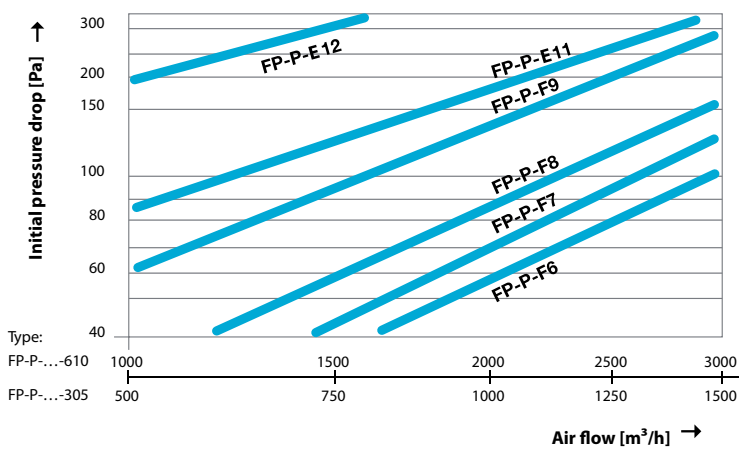
### Materials

<b>Filter medium</b>	Micro-glass fibre paper pleated to form mats
<b>Frame</b>	Galvanised steel
<b>Sealant</b>	Polyurethane
<b>Flammability class of materials used</b>	K1/F1 according to DIN 53438

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

Available Types	-305	-610
<b>Dimensions H (mm)</b>	287	592
<b>Weight (kg)</b>	2.0	3.0

Pressure drop versus air flow



▲ Dimensions [mm]

## OUR LOCATIONS

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