Micratex FP-P
Fine Dust Filter

CLEAN AIR

POWER GENERATION

CLEAN ROOM

INDUSTRIAL

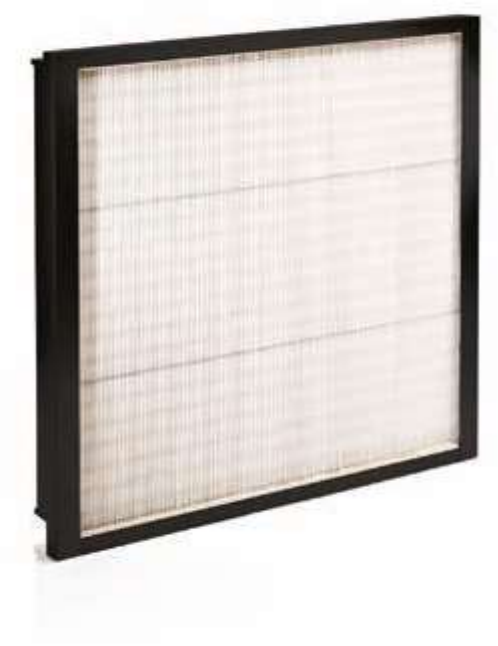
With 10 m² of media packed into a self-supporting frame only 100 mm deep, Micratex FP-P offers a high dust holding capacity and long life in a compact, rigid design.

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.

KEY FACTS

- Air flow up to 3,400 m³/h per cell: Suited for even the most demanding of applications
- Glass fibre paper: No fibre loss or shedding
- Large filter surface of 10.0 m²: 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



EUROVENT CERTIFIED PERFORMANCE
AIR FILTERS
CLASS M5-F9
www.eurovent-certification.com

MANN+HUMMEL participates in the ECC programme for Air Filters. Check ongoing validity of certificate:
www.eurovent-certification.com
or www.certiflash.com

Micratex FP-P
Technical Data

Micratex FP-P	Unit	F6-610	F7-610	F8-610
Air Flow (normal service life)	m^3/h	3,400	3,400	3,400
Initial Pressure Drop	Pa	135	150	170
Air Flow (long service life)	m^3/h	3,000	3,000	3,000
Initial Pressure Drop	Pa	110	120	135
Filter Class as per EN 779	–	M6	F7	F8
Efficiency, 0.4 µm DEHS, EN 779	%	65	81	91
Arrestance, Gravimetric Average, EN 779	%	≥ 96	≥ 98	≥ 99
Energy Rating*	–	E	E	D

* Energy Rating – as is the case with many consumer goods, our M5 – F9 filters are rated according to their energy efficiency on a scale of A+ (the best) to E (the worst). These ratings are certified by Eurovent and in accordance with the 4/21 scheme.

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)	>1,000 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
Dim. H (mm)	1.5	2.0	2.2	2.5

PRESSURE DROP VERSUS AIR FLOW