

Micratex FP-P-HT

The Superior Solution



CLEAN
AIR



POWER
GENERATION



CLEAN
ROOM



INDUSTRIAL

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 8.5m², coupled with a depth of only 88mm and a light weight, mean that Micratex FP-P-HT provides a long life and low pressure drop in a compact, durable design.

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 8.5m²:
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 3,000 m³/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



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-HT

Technical Data

Micratex FP-P-HT	Unit	M6-610	F7-610	F8-610	F9-610	E11-610	E12-610
Air Flow (normal service life)	m ³ /h	3,000	3,000	3,000	2,500	2,500	1,500
Initial Pressure Drop	Pa	100	120	155	180	250	300
Air Flow (long service life)	m ³ /h	2,500	2,500	2,500	2,000	2,000	1,000
Initial Pressure Drop	Pa	75	90	120	140	190	190
Filter Class as per EN 779 EN 1822	-	M6	F7	F8	F9 (E10)	E11	E12
Efficiency (atmospheric), average, EN 779	%	79	82	93	98	-	-
Arrestance (gravimetric), average, EN 779	%	≥ 98	≥ 99	≥ 99	~ 100	-	-
Efficiency (MPPS-DEHS), EN 1822	%	-	-	-	> 85	> 95	> 99,5

Application Parameters

Continuous Operating Temp.	≤ 120°C
Rec. Final Pressure Drop	≤ 450 Pa
Max. Final Pressure Drop	≤ 800 Pa
Burst Pressure (new filter)	> 1,000 Pa
Admissible Relative Humidity	< 100%

Materials

Filter medium	Micro-glass fibre paper pleated to form mats
Frame	Galvanised steel
Sealant	Polyurethane
Flam. Class	K1/F1 according to DIN 53438

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

Available Types

	-305	-610
Dimensions H (mm)	287	592
Weight (kg)	2.0	3.0

PRESSURE DROP VERSUS AIR FLOW

