

Micratex V

State of the Art

Filter Exchange System



CLEAN
AIR



POWER
GENERATION



CLEAN
ROOM



INDUSTRIAL

Save waste, costs and time with the Micratex V changeable filter system. Featuring replaceable filter elements in a compact, robust frame, Micratex V provides all the performance you will ever need in a low cost, environmentally-friendly package.

Because you only need to change the filter element, as opposed to the entire filter, Micratex V saves you time and money throughout its life. Simple to install, easy to change, and, thanks to the fact that you only need dispose of the filter elements at change-time, cost effective to dispose. All-in-all, Micratex V offers fantastic performance with an incredibly low cost of ownership.



KEY FACTS

- Changeable filter system: Reduces cost and benefits the environment
- Simple filter change requiring no tools: For ease of use and maintenance
- Lightweight: For simple filter change
- Incinerable, metal and silicone free: For simple, environmentally-friendly disposal
- Lowers waste: Low cost disposal

ADVANTAGES

- Easy to change filters
- Dustfree filter change
- Filter change within seconds
- Low weight filter elements
- Free of metals
- Fully incinerable
- Optimised positioning of filter elements
- Safe and tight sealing
- Low transport and stock costs
- All filter elements are the same size – no extra stock required
- Low disposal costs
- Avoidance of waste

Cost of ownership is very economic and the system is well-proven in the marketplace. The filters offer design engineers a true cost-saving solution.



Micratex V

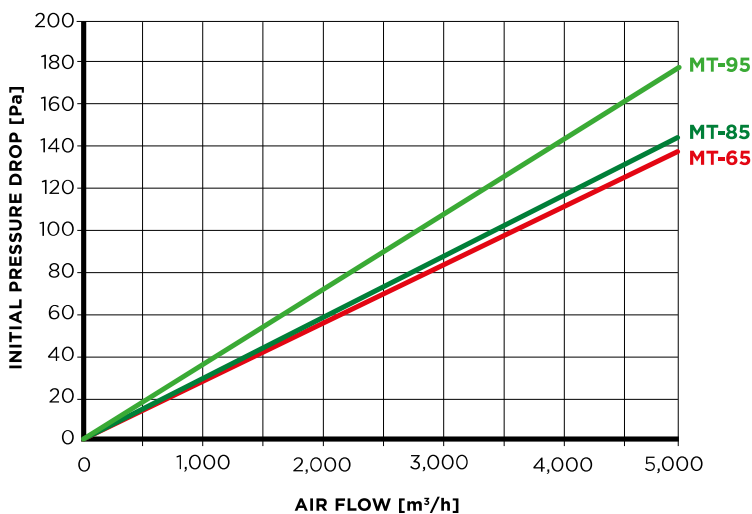
Technical Data

Type	Unit	MT65	MT85	MT95
Filter Class according to EN 779	-	M6	F7	F9
Nominal Air Flow	m ³ /h	3,400	3,400	3,400
Initial Pressure Drop	Pa	91	96	120
Recommended Final Pressure Drop	Pa	450	450	450
Average Arrestance, Gravimetric (EN 779)	%	>95	99	>99
Average Efficiency (EN 779)	%	60-80	80-90	>95
Maximum Operating Temperature	°C	80	80	80
Relative Air Humidity (up to)	%	100	100	100
Energy Rating*	-	D	B	B

Type	Unit	XR00A66	XR00A36
Air Flow	m ³ /h	4,250	2,125
Number of Cells	-	2 Pairs = 4 Pieces	1 Pair = 2 Pieces
Filter Area	m ²	18	9
Dimensions	mm	592/592	287/592
Suitable for Supporting Frames	mm	610/610	305/610

* 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.

PRESSURE DROP VERSUS AIR FLOW



CONSTRUCTION

Micratex V Filters consist of well known micro nonwovens of different efficiencies. The media is pleated together with thermostatic distance holders to achieve streamlined and optimised geometry. This process ensures that the filter packs are tightly sealed into U profile frames. The filter elements are tightly positioned due to guidance tracks. The exchange of filter elements is very easy and requires no tools due to their low weight. The Micratex V Change System can be used in every common mounting frame for pocket or fine dust filters.