

Microfil - V Filters



DESIGNED BY KAMETIN YILMAZ





MIKROFIL-V FILTER

The MICROFIL-V is capable of filtering air from micro-impurities such as dust, smoke, rust, polens, bacteria, etc. Special filter media is used in accordance with EN 779.

Three sizes are available for different applications.

No maintenance is required. High filter surface area and flow rates are obtained by the equally pleated, MICROFIL-V media construction. Rigid frame construction allows easy handling and shipment.

All filters are produced in standard frame size to suit most applications with the advantage of easy installation. The permissible high final pressure drop of the MIKROFIL-V gives a long service life between changes.

The MICROFIL-V is compact for limited space applications and storage. They can be intermittently exposed to water without harmful effect.

CHARACTERISTICS

Frame: Ultraviolet light and heat resistant plastic construction.

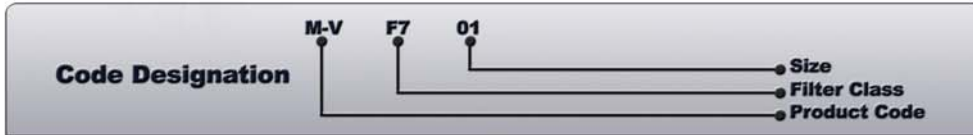
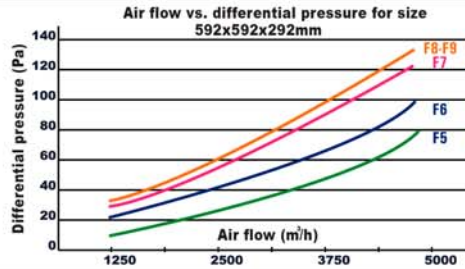
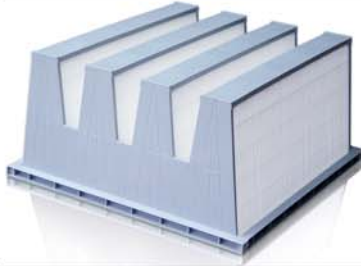
Filtering Media: Glass microfiber equally spaced between each fold for maximum efficiency.

Sealant: Acid-resistant cold-foamed polyurethane.

APPLICATIONS

Microfil-V series have a wide range of applications for various conditions. They are suitable for HVAC and pre-filter applications in:

- Hospitals-Electronic Industries
- Computer Rooms-Food Processing Industries
- Foundries-Power Plants-Nuclear Industries-Intake Air Filtration of Gas Turbines and Air Compressors.



Filter Class (En 779)		F5			F6			F7			F8			F9		
Efficiency	%	40-60			60-80			80-90			90-95			95 <		
Size	Height	01	02	03	01	02	03	01	02	03	01	02	03	01	02	03
	mm	292	492	592	292	492	592	292	492	592	292	492	592	292	492	592
Dimensions	Width	592			592			592			592			592		
	mm	592			592			592			592			592		
Flow Rate	Depth	292			292			292			292			292		
	m³/hr	2125	3500	4250	2125	3500	4250	2125	3500	4250	2125	3500	4250	2125	3500	4250
Initial Pressure Drop (At nominal flow rate)	Pa	55			80			115			120			120		
Recommended Final Pressure Drop (At nominal flow rate)	Pa	600														
Filtering Surface Area	m²	8,5	15	18	8,5	15	18	8,5	15	18	8,5	15	18	8,5	15	18
Operating Temperature	°C	70														
Media Used		Micro Fiber Glass			Micro Fiber Glass			Micro Fiber Glass			Micro Fiber Glass			Micro Fiber Glass		

MIKROPOR

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