

## MaxiPleat Cassette Filter

MERV 14



V-shaped pleats reduce pressure drop and enhance high dust holding capacity.



Injected molded pull tabs insure easy handling, installation, and removal of product.



Protection grids on the upstream and downstream side of packs eliminate damage to media.



viledon High Efficiency Cassette Filters meet all requirements of standard air handling systems as to frame dimensions, depth and filter performance. viledon's compact filter superiority, known as the **viledon difference**, is highlighted by the following:

- ▶ Excellent for all types of air-handling systems and environments, the viledon filter is constructed to withstand humidity, high velocities, and turbulence as found in both atmospheric air and process environments.
- ▶ The light-weight all-plastic frame is constructed of halogen-free plastic that eliminates any risk of corrosion or oxidation as found in metal constructed products.
- ▶ High strength glass fiber paper is manufactured from a proprietary special moisture resistant inhibitors that resists moisture penetration.
- ▶ The media pack is potted on all four sides to eliminate air-bypass around the media pack.
- ▶ Plastic protection grids on the upstream & downstream side eliminate punctures or tears of the pleated media during handling and installation.
- ▶ Proprietary conical pleat geometry eliminates any obstruction to air flow throughout the media pack, ensuring low pressure drop, even dirt loading, and high dust holding capacity.
- ▶ Moisture-resistant up to 100% relative humidity.
- ▶ UL 900 Class 2
- ▶ Temperature Resistance: Continuous 160°F, peaks 175°F.

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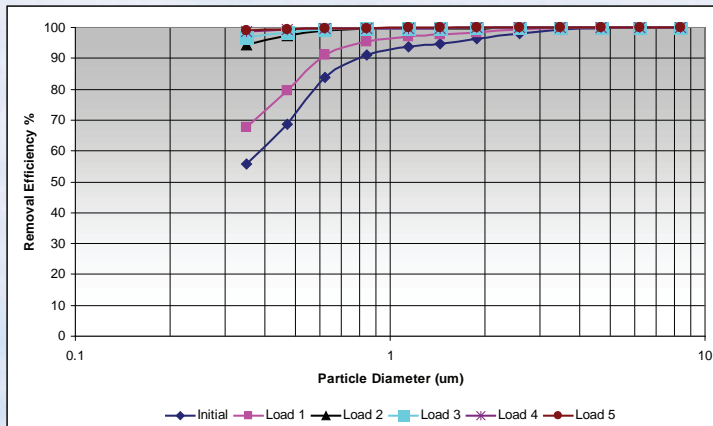
ADVANCED FILTRATION CONCEPTS

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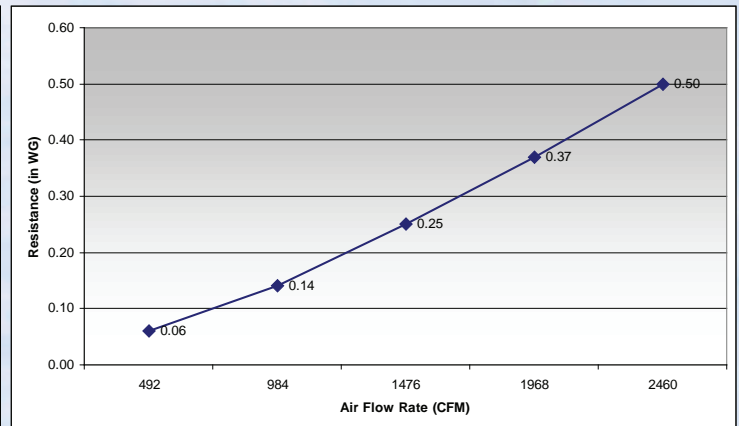
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## Particle Removal Efficiency



## Resistance Curve



### ASHRAE 52.2 BHT- 06-639

Performance	Unit	MX 95
Rated Air Flow	CFM	1968
Initial Resistance	"w.g.	.37
Final Resistance	"w.g.	1.50
MERV@1968	1-16	14

### ADDITIONAL DATA

Performance	Unit	MX 95 1/1
Burst Strength	"w.g.	>10

### MX 95 Characteristic Chart

Characteristics	unit	1/1 (24x24)	1/2 (12x24)	5/6 (20x24)
Header Size	in.	23-3/8x23-3/8	11-3/8x23-3/8	19-3/8x23-3/8
Depth	in.	11.5	11.5	11.5
Weight	lb.	15	7.5	12.5
Media Area	ft <sup>2</sup>	194	194	194

**MX Series filters are available in single header, double header and box style configurations.**

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

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