

Extended Surface V-Style Filter

MERV 16



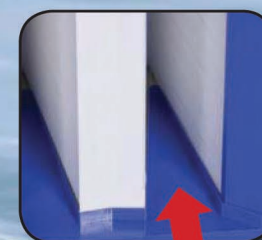
V-Shaped pleats
eliminates obstruction to
air flow for lower
pressure drop.



All plastic construction
eliminates corrosion



Patented offset
optimizes airflow
when used with
prefilters



The **viledon** MV Extended Surface Filter meets all requirements of standard air handling systems as to frame dimensions, depth, and filter performance. viledon's filtration superiority is known as the **viledon difference**.

► viledon filters have been developed specifically for intake, exhaust, and recirculated air filtration HVAC systems that have stringent requirements for clean air quality and cost efficiency.

► Patented 1" recess design for "V" style filters drastically lowers pressure drop when used in conjunction with pleated or panel style pre-filters on the face of the filter. The patented 1" recess provides full utilization of the entire prefilter media area.

► The MV95 V-Banks are potted into a high strength all plastic frame. This assures the user of maximum operational dependability and consistent filtration throughout each specific application.

► The sturdy construction assures optimum performance under turbulent flow conditions and load changes. This means that the risk of particle or fiber shedding is practically eliminated.

► viledon develops and manufactures its own organic synthetic filter media.

► Fine, progressively structured, thermally bonded media provide exceptionally low pressure drop at high efficiency levels.

► Gas Turbine Fine Filtration

► Media is resistant to physical damage from moisture and chemicals.

► The light weight of the MV provides easy handling and reduced cost for transport, shipping and disposal.

► The entire filter element is free of metals, halogens, and glass fibers. The filter element is also corrosion proof and fully incinerable. These features allow for lower disposal costs.

► Moisture-resistant up to 100% relative humidity.

► Temperature Resistance: Continuous 160°F, Peaks 175°F.

► UL 900 Class 2

► Covered by US Patent No 6447566. (1" Recess)

► Microbial Resistance level 4 (ASTM D632G)

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ADVANCED FILTRATION CONCEPTS

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