

# MV SERIES

viledon®

## COST EFFICIENT CLEAN AIR QUALITY

### APPLICATIONS

Supply, exhaust and recirculated air filtration in HVAC systems posing stringent requirements for clean air quality, such as those in:

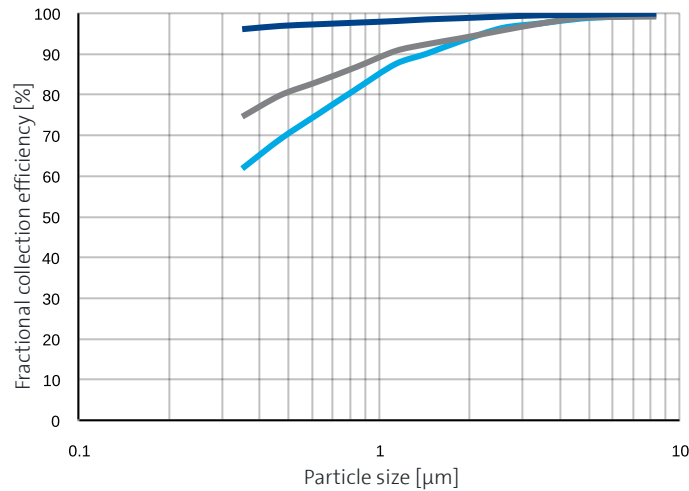
- office buildings
- factory / production halls
- airports, libraries, museums
- laboratories, hospitals, nursing homes and care facilities, etc.
- sensitive applications for the food & beverage industries, pharmaceuticals, chemicals
- sensitive applications for optics, electronics and medical technology, etc.



KEY DATA	MV 75	MV 85	MV 95
Filter area [ft <sup>2</sup> ]	131	131	131
Initial pressure drop [in w.g.]	0.23	0.26	0.36
Rated Air Flow [cfm]	1,970	1970	1970
ASHRAE 52.2 Efficiency	MERV 12	MERV 13	MERV 16
Item Description	MV 75 1/1	MV 85 1/1	MV 95 1/1
Nominal dimensions (W x H x D) [in]	24 x 24 x 12	24 x 24 x 12	24 x 24 x 12

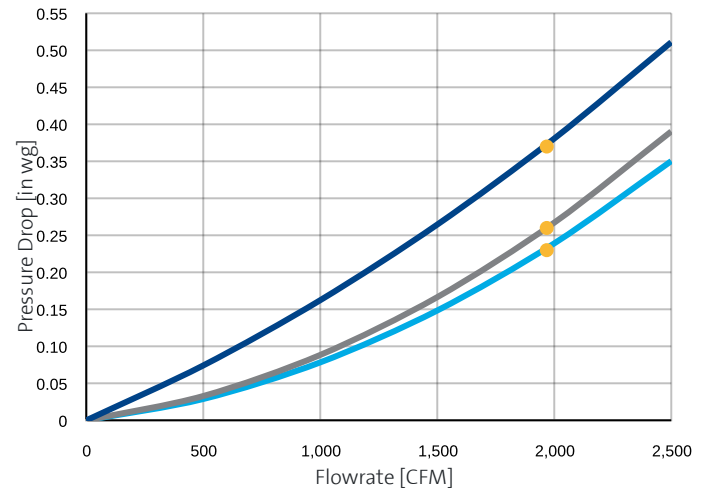
### Fractional collection efficiency curve

- MV 95
- MV 85
- MV 75



### Initial pressure drop curve

- MV 95
- Nominal: 1,968
- MV 85
- Nominal: 1,968
- MV 75
- Nominal : 1,968



### MEDIA & CHARACTERISTICS

- Constructed for ease of handling and installation.
- 100% synthetic and hydrophobic filter media.
- Potted into a high strength all plastic frame ensuring maximum operational dependability and consistent filtration
- Entire filter element is free of metals, halogens and glass fibers as well as corrosion proof and fully incinerables.

### FEATURES

- Patented 1 in. recess design lowers pressure drop and provides full utilization of the entire prefilter media area
- Risk of particle or fiber shedding is practically eliminated.
- Maximized operational reliability thanks to the unique Hybrid-Synthetic Nonwoven media technology.
- Additional lifetime reserves produce a significant reduction in operating costs.
- Simplified handling at installation; the HSN medium will not be irreversibly damaged even when it comes into contact with slight pressure.

The information or figures given are subject to tolerances due to normal production fluctuations. Our explicit written confirmation is required in each case for the correctness of the information. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.

INNOVATING TOGETHER

Contact us [www.freudenberg-filter.com](http://www.freudenberg-filter.com)

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FILTRATION TECHNOLOGIES