

# MVDP SERIES

viledon®

## SURFACE DUOPLEAT V-STYLE FILTER

### APPLICATION

Combining CarboPleat activated-carbon and DuoPleat filters improve indoor air quality and protect people as well as sensitive products, processes, and equipment by eliminating or reducing pollutant gases and unwanted odors. They are excellent for use in state-of-the-art air-conditioning and indoor climate control systems.

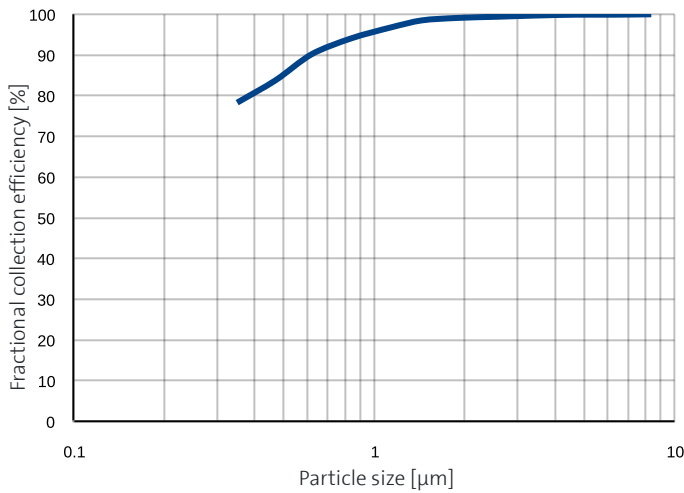
- Airports
- Hospitals
- Museums
- Commercial buildings
- Laboratories



KEY DATA	0.32	0.32	0.32
Rated Air Flow [cfm]	1.970	985	1.640
ASHRAE 52.2 Efficiency		MERV 15	
Item Description	MV DP95 1/1	MV DP95 1/2	MV DP95 5/6
Nominal dimensions (W x H x D) [in]	24 x 24 x 12	12 x 24 x 12	20 x 24 x 12

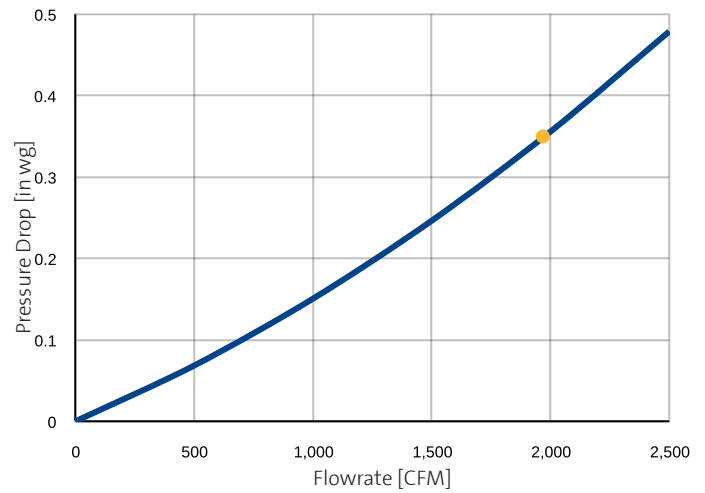
For cost-efficiency or system-specific reasons it may be appropriate to change the filters before reaching the final pressure drop stated. It can also be exceeded in certain applications.

### Fractional collection efficiency curve



### Initial pressure drop curve

● Nominal: 1,968



### MEDIA AND CHARACTERISTICS

- The activated-carbon media used in both types of filters is secured in an open structure by a newly developed bonding system.
- The DuoPleat (DP) filters are made from a unique combination of activated carbon media and a triple-layered high performance nonwoven.
- The pleated filter media packs are mounted into plastic V shape panels and sealed, resulting in high media content, extended overall lifetimes and very low pressure drop.

### BENEFITS

- CarboPleat and DuoPleat are used together in intake, exhaust and recirculated air filtration involving special requirements for clean air quality.
- Viledon®'s CarboPleat and DuoPleat extended surface filters protect systems from damaging pollutants.
- Thermal Stability: 160°F.
- DuoPleat combines high efficiency particulate filtration with removal of pollutant gases and odors.
- Covered by US Patent No. 6447566.

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.

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Contact us

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