



# DuraVee®

## High Efficiency Cartridge Filter

- Water resistant
- Available in three grades: DV60, DV90 and D95
- High dust holding capacity
- Incinerable
- Non-corrosive materials
- Sturdy construction to resist damage



DuraVee is a heavy duty, high efficiency filter developed specially for the rotating machinery industry. It is designed to withstand the rigours of centrifugal compressors, gas turbines and engines in which surging or pulsation occurs.

### Media

DuraVee media is water resistant and can withstand exposure to free moisture in the airstream.

When wet there will be a temporary rise in resistance, which quickly returns to normal as soon as the moisture evaporates.

Each of the three grades features an exclusive new high efficiency media formed from ultra fine glass fibres finely woven into a mat.

The progressive density achieved by this design ensures a full depth loading of dirt across the entire surface of the filter.

### Disposal

DuraVee utilizes materials which are incinerable and do not emit hazardous chlorine gases. Metal parts are reduced to a minimum. Disposal in municipal incinerators is permitted.

### Construction

The header and cell sides provide a sturdy construction that resist damage during shipping and handling. Rigid construction and minimum depth make DuraVee filters easy to install in front, rear and side access systems.

All components are absolutely corrosion resistant over the entire service life of the filter.

### Separators

The thermoplastic separators maintain uniform spacing between pleats to allow optimal flow of air into and through the filter.

They also ensure large effective media area for low resistance and high dust holding capacity.

### Operating Temperature

DuraVee filters can operate at temperatures up to 80°C. The filters should not be stored or transported in conditions exceeding 60°C.

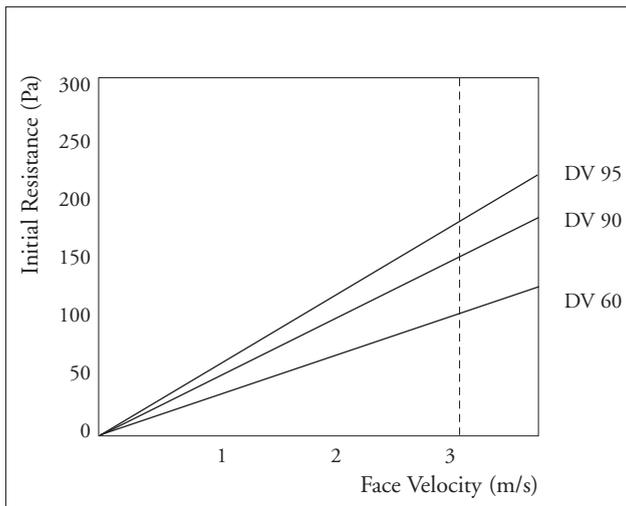


**Technical Data**

Type	Size <sup>1)</sup> (HxWxD) mm	Maximum Airflow m <sup>3</sup> /h	Nominal Airflow m <sup>3</sup> /h	Average Efficiency <sup>2)</sup> %	Initial Resistance Nominal Airflow Pa	Final Resistance <sup>3)</sup> Pa
DV60-24.24-12 <sup>4)</sup>	592 x 592 x 292	5000	4250	60-65	115	650
DV60-12.24-12 <sup>4)</sup>	287 x 592 x 292	2500	2125	60-65	115	650
DV90-24.24-12 <sup>4)</sup>	592 x 592 x 292	5000	4250	80-90	145	650
DV90-12.24-12 <sup>4)</sup>	287 x 592 x 292	2500	2125	80-90	145	650
DV95-24.24-12 <sup>4)</sup>	592 x 592 x 292	5000	4250	90-95	175	650
DV95-12.24-12 <sup>4)</sup>	287 x 592 x 292	2500	2125	90-95	175	650

- 1) Width and height are interchangeable, pleats can be either vertical or horizontal without effecting performance.
- 2) All performance data based on ASHRAE 52.1-1992, tested with AC Fine.
- 3) Recommended maximum value. Filters can be operated to a lower final resistance without materially effecting filter efficiency.
- 4) Standard DuraVee filters have 25 mm header; Suffix "A" denotes 20 mm header as option.

**Airflow Resistance**



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