

VariSorb® VS Carbon Filter

Carbon Filter for air handling application



- Gas-phase removal filter
- Removal of VOC's
- Standard cell design
- For fresh air and recirculation applications
- Standard and custom-designed impregnation

VariSorb® VS carbon filters are designed for effective gas-phase removal of medium to low concentrations of gaseous contamination in fresh air and recirculation air handling systems. This concerns mainly volatile organic components (VOC's), commonly referred to as smell and odor.

The main applications can be found in:

- Micro-electronics industry
- Pharmaceutical industries
- Pulp, paper and petrochemical industry
- Airports
- Museums and libraries

The design features standard air handling unit dimensions and the cell can be installed into standard Universal holding frames. Non-metal cell sides are fitted with a micro-granulate carbon media, embedded between two support layers.

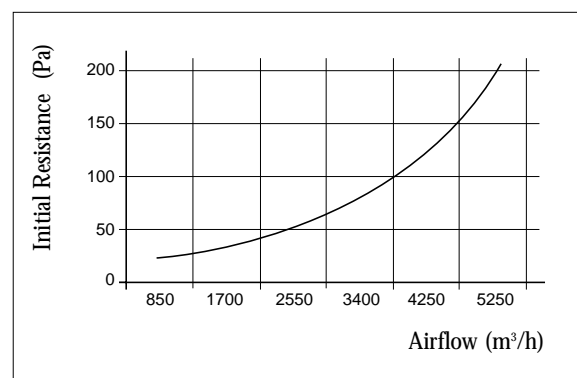
The pleat packs are arranged in a V-shape to utilize maximum amounts of carbon for the given face area. Unlike traditional granular deep bed carbon filters, the granular carbon microstructure ensures high effective active area and high spontaneity of reaction. The construction greatly reduces the pressure drop, eliminates by-pass and abrasion. The entire VariSorb® VS cell can easily be disposed and is fully incinerable.

VariSorb® VS Specifications

Max. recommended operating temp.	30 °C
Max. recommended relative humidity	60 %
Recommended prefilter, EN779	F7
Active carbon area	1000 - 1300 m ² /g

Installation example

Type	H	W	D
VS 24.24.12	592	592	292
VS 20.24.12	490	592	292
VS 12.24.12	287	592	292



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