

Glass fibre mats

Demister COALESCER V81

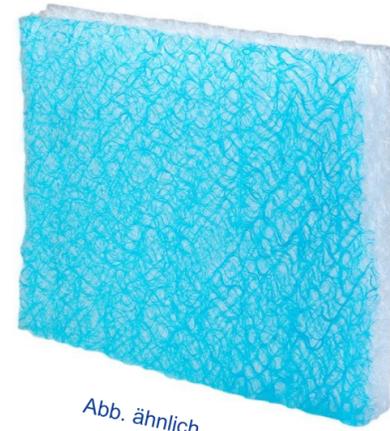


Abb. ähnlich

Product types:	Demister Coalescer V81 - 3"	Demister Coalescer V81 - 4"
Middle water droplets separation efficiency at diameter 2-5 µm	> 99 %	> 99%
Filter class acc. to ISO 16890	ISO Coarse 35%	ISO Coarse 35%

Operating conditions:	
Max. humidity resistance	100%
Max. temperature	100°C
Recommended final pressure drop	250 Pa
Potential nominal air flow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438 - 3 (F1)

Media

Glass fibres

Media color



BLUE (raw air side)

WHITE (clean air side)



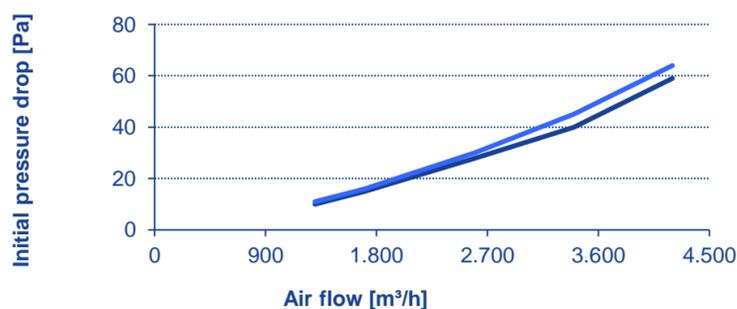
Store in a dry place, protect from direct sunlight. Storage temperature between 15°C and 25°C. Humidity during storage between 30% and 70% RH. Shelf life: max.12 months from the delivery date. Storage and transport in the original packaging, no pressure points may generated during storage.

Technical data:	V81 - 3"	V81 - 4"
Filter area [m ²]	1	1
Material thickness approx. [mm]	75	100
Recommended nominal air flow [m ³ /h/m ²]	3.600 - 9.000	
Air velocity [m/s]	1 - 2,5	
Initial pressure drop (measured at air velocity on a flat sheet 610 x 610 mm) [Pa]	40	45

Product benefits:

- Glass fibre media made by VOLZ, in our own inhouse production
- Elastic fibre structure
- Specially designed for the separation of aerosol and water droplets, down to the smallest form (mist)
- Separation of liquidand particles from a gas stream before or after compressors, fans, gas turbines
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

Initial pressure drop (flat sheet tested)



Versions:

- Rolls in standard dimensions
 - Cut pads available
 - Pad holding frames available
 - Disposal is subject to local restrictions. Depending on separated substances, used filter media may have to be dried prior to disposal
- | | |
|--------------------------------|---------|
| • Standard roll lenght: | 30,00 m |
| • Max. roll width: | 2,30 m |
| • Max. cut lenght: | 10,00 m |

Notice:

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