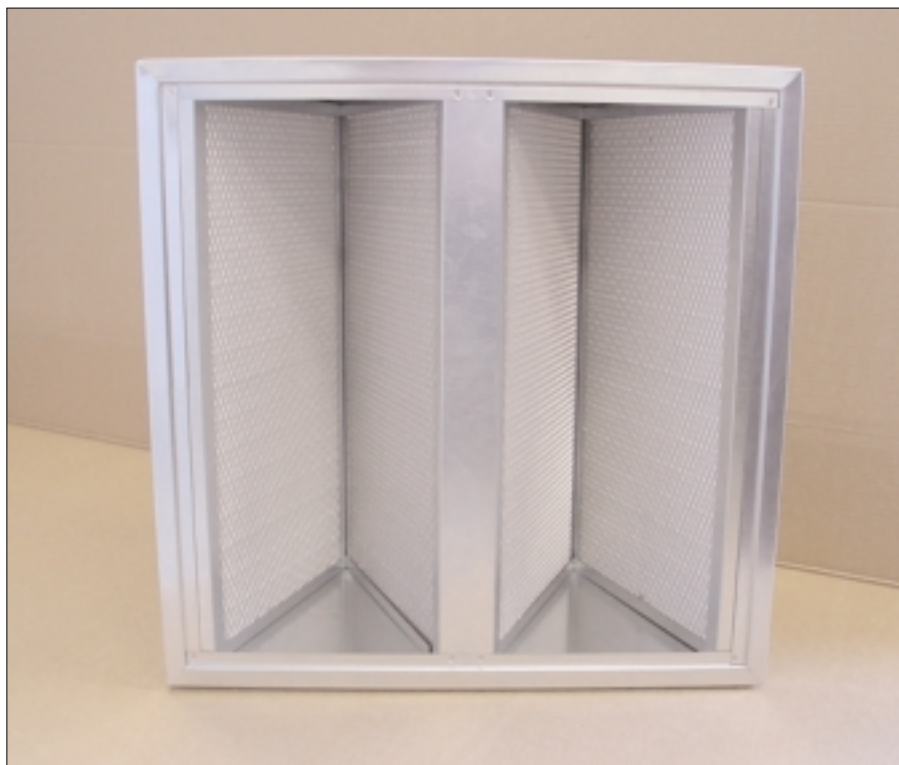


VariCel® V HT

High Temperature Minipleat Filter for the Automotive Industry

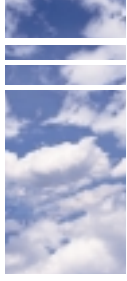
- Designed for recirculation systems in drying lines
- High temperature operation
- Robust, heat resistant materials
- Classification ranges F6 and F8 acc. to EN779
- Silicon free construction



VariCel V HT is designed for use in the recirculation systems of drying ovens. Made of sturdy materials this filter has a maximum continuous operating temperature of 260°C and a peak temperature of 385°C (1 hour). Aluminized steel is used because it does not spall or flake at elevated temperatures. To ensure an high integrity construction, headers and cell sides are mechanically interlocked. The filter is silicon free: no adhesives, sealants or glues are used which could degrade at high temperatures, causing structural damage to the filter or affecting the quality of the drying process. Filter strength is further enhanced by faceguards and support bars on the air entering and leaving sides. The filter is available in the classification ranges F6 and F8 in accordance with EN779.

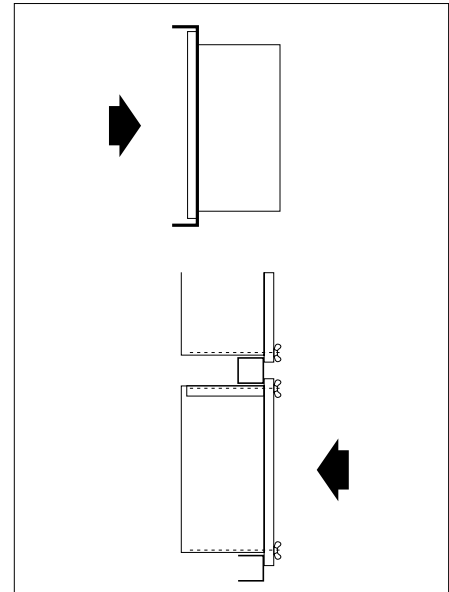
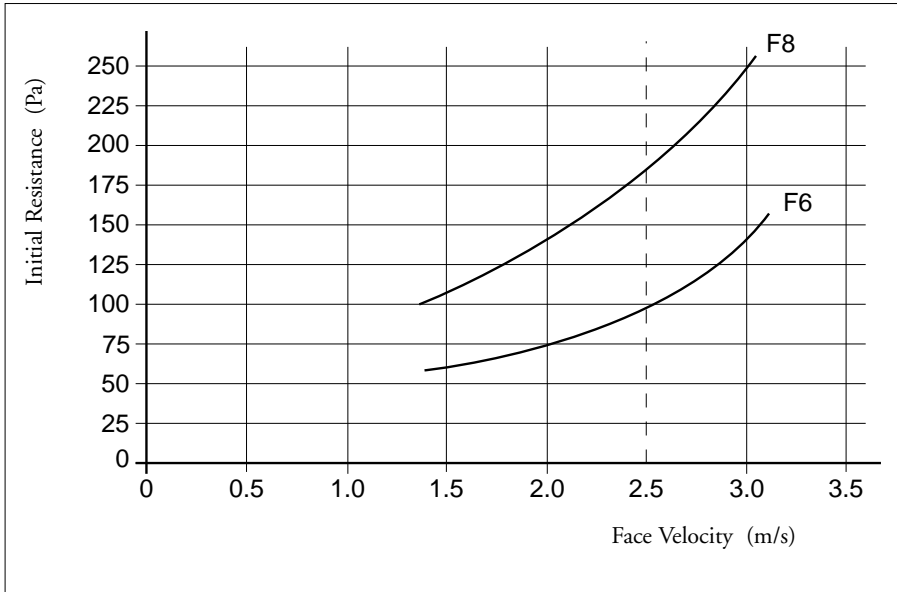
Specifications

Media	Water repellent, fire - retardant high efficiency glass fiber
Header and cell sides	Aluminized steel with provisions for gasket application on both sides
Separators	Glass media ribbon.
Gasket	Glass rope on either the air leaving or air entering side
Faceguards	Aluminized steel
Support bars	Aluminized steel



VariCel® V HT

Installation example



Technical Data

Size ¹⁾ mm WxHxD	Airflow capacity ²⁾ Nm ³ /h Nm ³ /s	Initial Resistance Pa	Recommended Final Resistance ⁴⁾ Pa	Filter Surface Area m ²
60 % Average Efficiency F6 acc. to EN779				
588 x 588 x 292	3400 0.94	95	450	9.6
90 % Average Efficiency F8 acc. to EN779				
588 x 588 x 292	3400 0.94	180	450	9.6

Notes:

- VariCel V HT filters should always be installed with the separators in a vertical position.
- Airflow capacity based on condition - 20°C, Sea level - 1 Bar.
The airflow capacity is 100%. Filter can operate upto 25% above the suggested airflow capacity.
- VariCel V HT filters cannot operate in conditions that exceed a final resistance of 450 Pa.

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