

VariCel® HT 725

High Temperature Compact Filter For The Automotive Industry

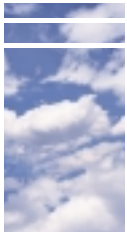
- Improves air quality in drying lines
- High temperature operation: 260°C - 480°C
- Robust, heat resistant aluminized materials
- Classification ranges F6 and F8
- Silicon free



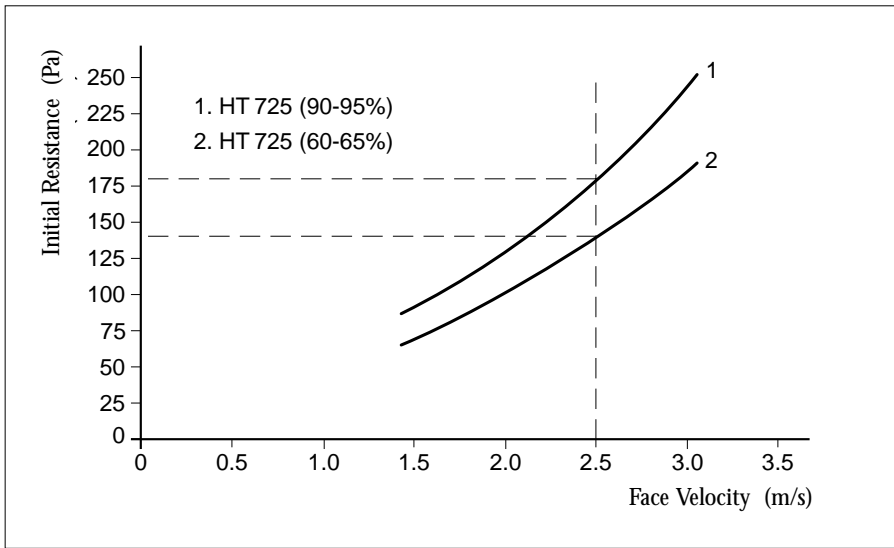
VariCel 725 HT is designed for use in drying ovens. Made of sturdy aluminized steel this filter has a maximum continuous operating temperature of 385 C. Aluminized steel is used because it does not spall or flake at elevated temperatures. To ensure an high integrity construction, headers and cell sides 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 aluminized 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

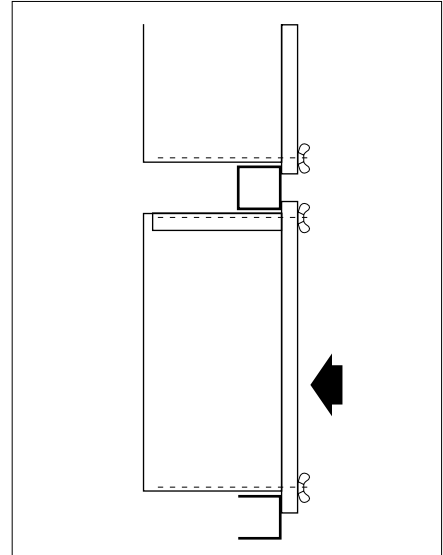
Media	Water repellent, non-flammable high efficiency glass fibre.
Header and cell sides	Aluminized steel.
Separators	Corrugated aluminium.
Gasket	Glass rope on either the air leaving or air entering side.
Faceguards	Aluminized steel.
Support bars	Aluminized steel (1 on air entering side, 2 at right angles on air leaving side).



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Installation example



Technical Data

Size ¹⁾ mm WxHxD	Airflow capacity ²⁾ Nm ³ /h Nm ³ /s	Initial Resistance HT 725 385°C Pa	Recommended Final Resistance ⁴⁾ Pa	Filter Surface Area HT 725 385°C m ²
90 % Average Efficiency⁴⁾ (EN 779 / NFX 44012) - F8				
592 x 592 x 292	3400 0.94	180	300	13.0
287 x 592 x 292	1700 0.47	180	300	6.5
60 % Average Efficiency⁴⁾ (EN 779 / NFX 44012) - F8				
594 x 594 x 292	3400 0.94	140	300	13.0
289 x 594 x 292	1700 0.47	140	300	6.5

Notes:

- VariCel HT 725 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%. It can operate upto 25% above the suggested airflow capacity.
- VariCel HT 725 filters cannot operate in conditions that exceed a final resistance of 300 Pa.
- All data according to EN 779 (ASHRAE 52 - 76).

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