

VariCel[®] II HT

HIGH TEMPERATURE PANEL FILTER



Features and Benefits

- ISO 16890: ePM10 70% and ePM1 65%, previously rated as M6 and F8 according to EN 779:2012
- Final resistance: 450 Pa
- Silicone free construction
- Made of sturdy materials to match high operating temperatures
- 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
- Enhanced by faceguards on the air entering and leaving sides

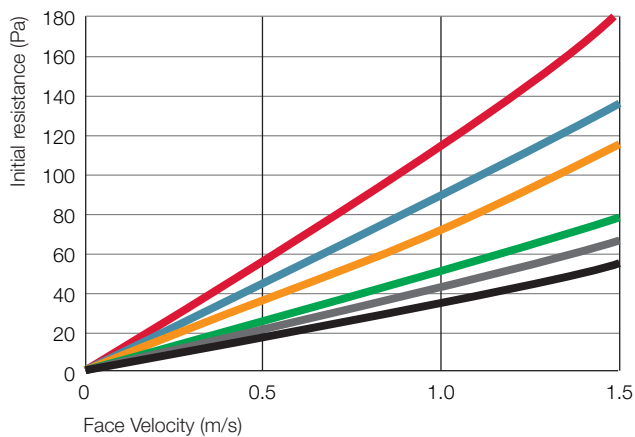
Applications

- The VariCel II HT filter is designed for use in the recirculation systems of drying ovens, especially in automotive industry.

Configurations

Filter media	Glass fibre
Cell sides	Extruded aluminum profile
Separators	Glass ribbon separator
Gasket	Glass rope on one side (DAS or CAS)
Faceguards	Chrome alloy on both sides
Max. operating temperature	385 °C with a peak of 480 °C

Resistance vs Face Velocity



ePM1 65% - 13P, ePM1 65% - 13N, ePM1 65% - 13S, ePM10 70% - 13P,
ePM10 70% - 13N, ePM10 70% - 13S

VariCel® II HT Filter

Technical data

Filter name	Dimensions (mm) ¹⁾ W x H x D	Filter execution code	Filter area (m ²)	Airflow Capacity ²⁾		Initial dp (Pa)	Prev. rated EN 779:2012	ISO 16890 Classification
				@ 1 m/s	@ 1,3 m/s			
VariCel II HT ePM10 70%	305 x 610 x 55	13P	2,7	670	870	50/65	M6	ePM10 70%
VariCel II HT ePM10 70%	610 x 610 x 55	13P	5,5	1340	1740	50/65	M6	ePM10 70%
VariCel II HT ePM10 70%	457 x 915 x 55	13P	6,2	1500	1960	50/65	M6	ePM10 70%
VariCel II HT ePM10 70%	305 x 610 x 78	13N	3,1	670	870	40/55	M6	ePM10 70%
VariCel II HT ePM10 70%	610 x 610 x 78	13N	6,2	1340	1740	40/55	M6	ePM10 70%
VariCel II HT ePM10 70%	457 x 915 x 78	13N	7,0	1500	1960	40/55	M6	ePM10 70%
VariCel II HT ePM10 70%	305 x 610 x 78	13S	4,2	670	870	30/45	M6	ePM10 70%
VariCel II HT ePM10 70%	610 x 610 x 78	13S	8,4	1340	1740	30/45	M6	ePM10 70%
VariCel II HT ePM10 70%	457 x 915 x 78	13S	9,5	1500	1960	30/45	M6	ePM10 70%
VariCel II HT ePM1 65%	305 x 610 x 55	13P	2,7	670	870	110/155	F8	ePM1 65%
VariCel II HT ePM1 65%	610 x 610 x 55	13P	5,5	1340	1740	110/155	F8	ePM1 65%
VariCel II HT ePM1 65%	457 x 915 x 55	13P	6,2	1500	1960	110/155	F8	ePM1 65%
VariCel II HT ePM1 65%	305 x 610 x 78	13N	3,1	670	870	90/120	F8	ePM1 65%
VariCel II HT ePM1 65%	610 x 610 x 78	13N	6,2	1340	1740	90/120	F8	ePM1 65%
VariCel II HT ePM1 65%	457 x 915 x 78	13N	7,0	1500	1960	90/120	F8	ePM1 65%
VariCel II HT ePM1 65%	305 x 610 x 78	13S	4,2	670	870	75/100	F8	ePM1 65%
VariCel II HT ePM1 65%	610 x 610 x 78	13S	8,4	1340	1740	75/100	F8	ePM1 65%
VariCel II HT ePM1 65%	457 x 915 x 78	13S	9,5	1500	1960	75/100	F8	ePM1 65%

Notes:

1) VariCel® II HT filters can be installed with pleats in either horizontal or vertical position.

2) The airflow capacity is 100%. Filter can operate up to 125% above the suggested airflow capacity.

VariCel® is a registered trademark of AAF International in the U.S. and other countries.



Bringing clean air to life.

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HT_603_EN_072023