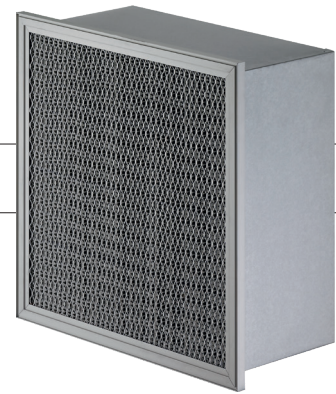


VariCel[®] HT

HIGH TEMPERATURE COMPACT FILTER



Features and Benefits

- Improves air quality in drying lines
- Maximum continuous operating temperature 385 °C
- Robust, heat resistant aluminized materials
- Classification ranges of M6, F7 and F8
- Silicon free construction

The VariCel HT filter 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 that 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 leaving sides. The filter is available in the classification ranges of M6, F7 and F8 in accordance with EN779:2012.

VariCel[®] HT Filter

Standard configuration

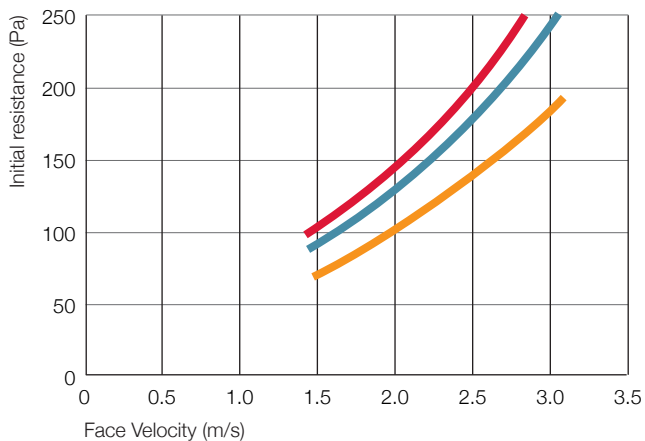
Filter medium		Filter frame	
Material	High efficiency, water resistant fibreglass	Material	Aluminized steel and extruded aluminium
Gasket			
Material	Optional: Glass rope gasket		

Product information

Filter	Part number	Dimensions (mm) W x H x D	Filter area (m ²)	Number of pockets or V	Nominal airflow (m ³ /h)	DHC acc. EN779 (g)	EN779:2012 Classification	Initial dp (Pa)	Energy Rating	ISO 16890 Classification	ePM1 (%)	ePM2,5 (%)	ePM10 (%)
VariCel [®] HT VHT7SF	20-6286-0065	592 x 592 x 292	12,5	-	3400	350	F7	180	D	ePM1 50%	54	64	82
VariCel [®] HT VHT8SF	20-7286-0065	592 x 592 x 292	12,5	-	3400	275	F8	190	D	ePM1 65%	68	76	90
VariCel [®] HT VHT6SF	20-5286-0065	592 x 592 x 292	12,5	-	3400	450	M6	140	E	ePM10 70%	28	42	71

Further dimensions are available on request. Until December 31st 2017 filtration efficiency values are certified according to EN779:2012. From January 1st 2018 filtration efficiency values are certified according to ISO 16890.

Resistance vs Face Velocity



F8, F7, M6

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



AAF International
European Headquarters
Robert-Bosch-Straße 30-32, 64625 Bensheim
Tel: +49 6251 80368 – 0, Fax +49 6251 80368 – 20
aafintl.com

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