

Panel filter
High temperature filter (HT) PM1 70% - 150



Filter class acc. to ISO 16890	Particle efficiency		Energy consumption	Energy class
EN 779:2012				Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM1 70% F8	ePM ₁	70 %	>2.150 kWh/year	E
	ePM _{2,5}	75 %		
	ePM ₁₀	90 %		



Similar to picture

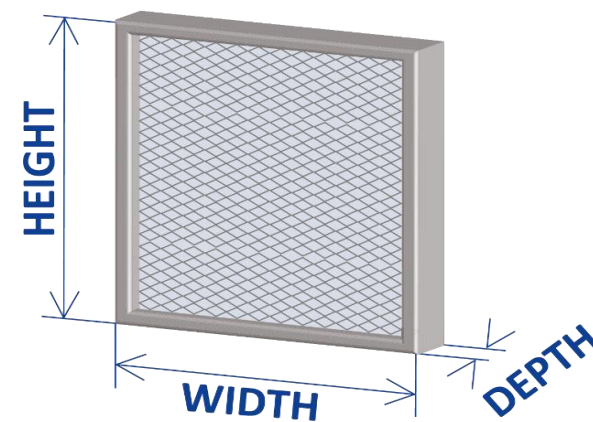
Operating conditions:

Max. humidity resistance	100%
Max. temperature	260 °C (380°C)*
* Note the instruction of temperatures ! Available on request	
Recommended final pressure drop	300 Pa
Potential nominal air flow (short term usage possible)	1,25 x nominal air flow



Protect from sunlight (UV exposure)
 Store in original packaging and firmly closed
 Store in conditions with stable temperature
 Constant and permanent ventilation should be assured during storage
 Storage time max. 6 months from the delivery date

Medium Glass
Media color White

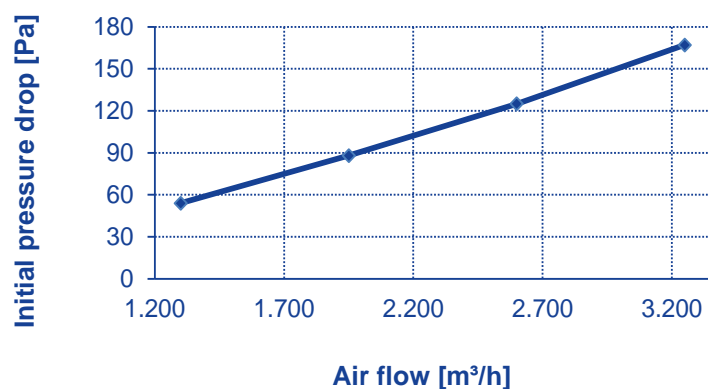


WIDTH	HEIGHT	DEPTH	Filter area	Recommended nominal air flow	Initial pressure drop	Frame type
[mm]	[mm]	[mm]	[m ²]	[m ³ /h]	[Pa]	
592	592	150	8,2	2.600	125	Al
305	610	150	4,39	1.400	125	Al
610	610	150	8,77	2.800	125	Al
915	457	150	9,82	3.100	125	Al
305	610	150	2,39	750	125	Zn-Fe
610	610	150	4,78	1.500	125	Zn-Fe
915	457	150	5,36	1.700	125	Zn-Fe

Product benefits:

- High quality glass fibre media
- Pleat separators made from glass fibre paper
- Reinforced mounting frame with a flat profile which prevents the deflection of the filter at high air flow rates
- Mitered sealing between frame parts
- No disarrangement of gasket due to the gasket sitting within a formed recess
- For use in painting and drying technology (recirculating air operation)
- For demanding applications in high operating temperatures
- Testing for paint compatibility by Fraunhofer IPA based on Mercedes-Benz test standard MBN 10494-3 and VDMA standard sheet 24364

Initial pressure drop 592x592x150



Versions:

- Frame types: Aluminium (Al) or galvanized steel (Zn-Fe)
- Clean air side and dust air side with protection grid against handling
- Protection grid-BASIC version: clean air side-stainless steel, dust air side-galvanized steel
- Protection grid-PREMIUM version: clean air side-stainless steel, dust air side-aluminium
- Form-fitted glass fibre cord sealing on clean air side or dust air side



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