

**Panel filter**  
**High temperature filter (HT) PM2,5 50% - 78**



Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency	Energy consumption	Energy class <small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM <sub>2,5</sub> 50% M6	ePM <sub>1</sub> 40 % ePM <sub>2,5</sub> 50 % ePM <sub>10</sub> 80 %	>1.900 kWh/year	E



Similar to picture

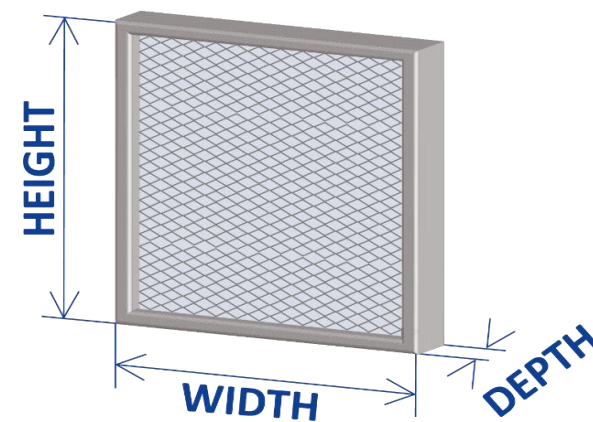
**Operating conditions:**

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



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

**Medium** Glass  
**Media color** White

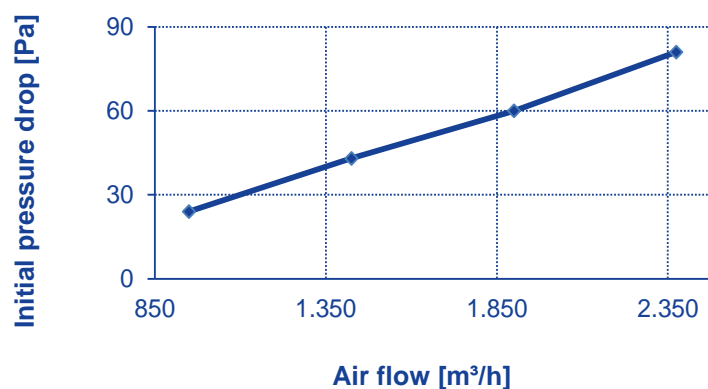


WIDTH <small>[mm]</small>	HEIGHT <small>[mm]</small>	DEPTH <small>[mm]</small>	Filter area <small>[m²]</small>	Recommended nominal air flow <small>[m³/h]</small>	Initial pressure drop <small>[Pa]</small>	Frame type
<b>592</b>	<b>592</b>	<b>78</b>	<b>5,96</b>	<b>1.900</b>	<b>60</b>	<b>Al</b>
305	610	78	3,19	1.000	60	Al
610	610	78	6,38	2.000	60	Al
915	457	78	7,14	2.300	60	Al
305	610	78	2,39	750	60	Zn-Fe
610	610	78	4,78	1.500	60	Zn-Fe
915	457	78	5,36	1.700	60	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 592x592x78**



**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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