

**Pocket filter**  
**AIRsyntex PM1 65%**  
**592 x 592 x 380 10 poc.**



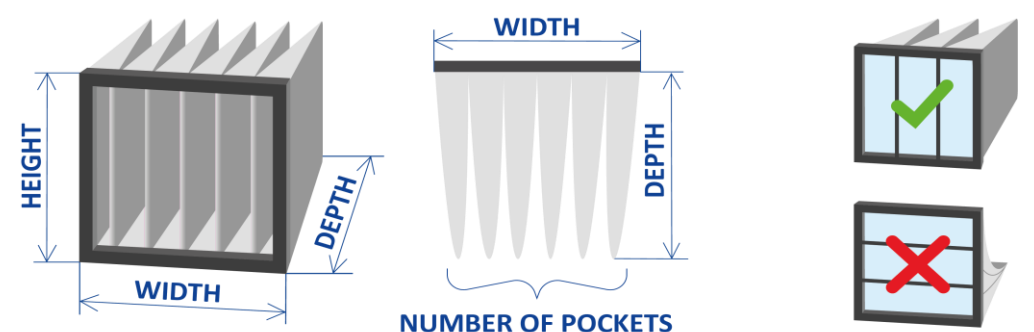
Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			<small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM1 65% F8	ePM <sub>1</sub> 65 % ePM <sub>2,5</sub> 70 % ePM <sub>10</sub> 90 %	> 2.050 kWh/year	E

**Operating conditions:**

Max. humidity resistance	100%
Max. temperature	70°C
Recommended final pressure drop	300 Pa
Potential nominal air flow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438-3 (F1)

Medium Synthetic-progressive microfiber

Media color White

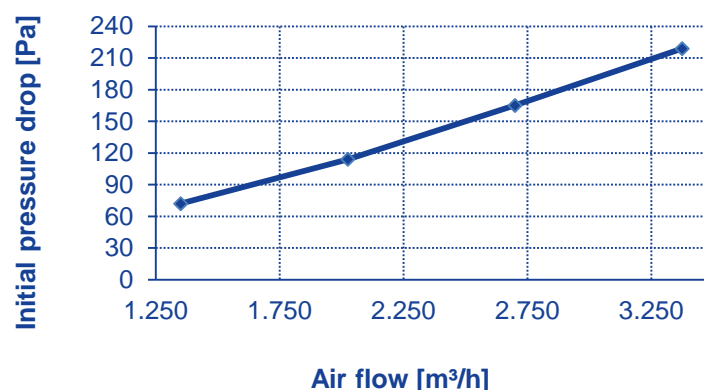


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m²]	Recommended nominal air flow [m³/h]	Initial pressure drop [Pa]
<b>592</b>	<b>592</b>	<b>380</b>	<b>10</b>	<b>4,5</b>	<b>2.700</b>	<b>165</b>
490	592	380	8	3,6	2.200	165
287	592	380	5	2,2	1.300	165
592	287	380	10	2,2	1.300	165
592	490	380	10	3,7	2.200	165
287	287	380	5	1,1	650	165
592	892	380	10	6,8	4.100	165
490	892	380	8	5,4	3.200	165
287	892	380	5	3,4	2.000	165

**Product benefits:**

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Welded continuous pockets
- Optimal pocket opening
- Efficient and economical at the same time
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds

**Initial pressure drop 592x592x380x10poc.**



**Versions:**

- Plastic frame: 25 mm
- Metal frame: 20 mm, 25 mm
- Special sizes on request
- Version with plastic frame fully incinerable
- Optional with foamed hygiene gasket



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