

Pocket filter
AIRsyntex PM1 80%
592 x 592 x 600 8 poc.



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 80% F9	ePM ₁ 80 % ePM _{2,5} 80 % ePM ₁₀ 90 %	> 2.400 kWh/year	E



Operating conditions:

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

Medium: Synthetic-progressive microfiber
 Media color: White

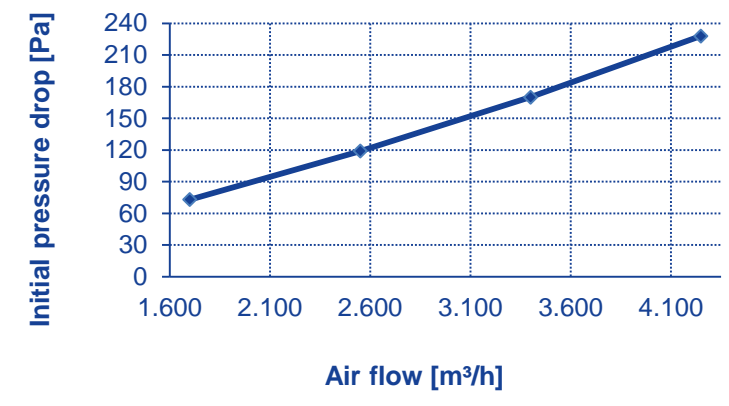
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m ²]	Recommended nominal air flow [m ³ /h]	Initial pressure drop [Pa]
592	592	600	8	5,7	3.400	170
490	592	600	6	4,3	2.600	170
287	592	600	4	2,8	1.700	170
592	287	600	8	2,8	1.700	170
592	490	600	8	4,7	2.800	170
287	287	600	4	1,4	850	170
592	892	600	8	8,6	5.100	170
490	892	600	6	6,4	3.800	170
287	892	600	4	4,3	2.600	170

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
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds

Initial pressure drop 592x592x600x8poc.



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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