

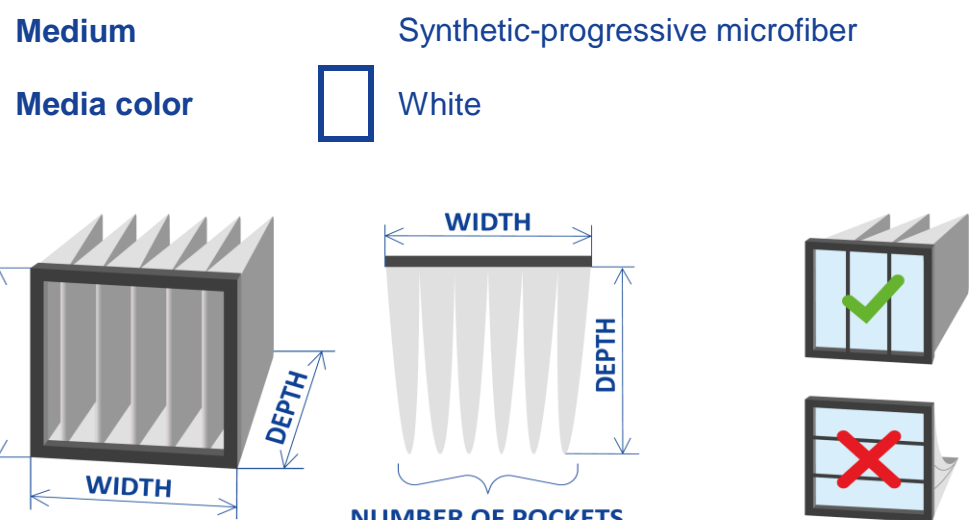
Pocket filter
PROsyntex PM1 65%
592 x 592 x 500 8 poc.



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 ePM1 65% F8	ePM ₁ 65 % ePM _{2,5} 75 % ePM ₁₀ 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)



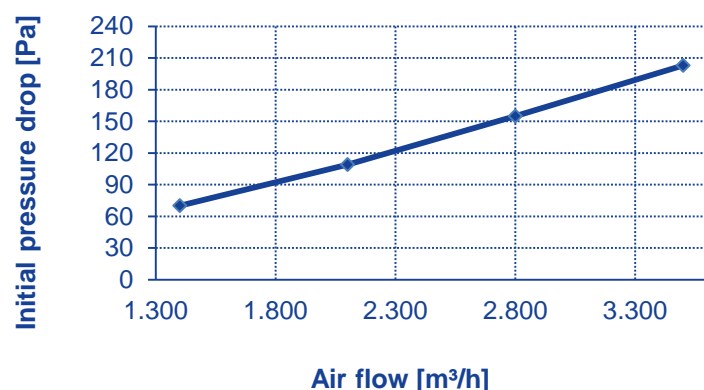
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

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	500	8	4,7	2.800	155
490	592	500	6	3,6	2.100	155
287	592	500	4	2,4	1.400	155
592	287	500	8	2,3	1.400	155
592	490	500	8	3,9	2.300	155
287	287	500	4	1,1	650	155
592	892	500	8	7,1	4.200	155
490	892	500	6	5,4	3.200	155
287	892	500	4	3,6	2.100	155

Product benefits:

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Ultrasonic welded continuous pockets
- Low pressure drop and high dust holding capacity
- Optimal distribution of incoming flow due to optimal pocket opening
- BIOSTATIC version can be used when hygiene demands are high and in environments with increased air humidity
- Testing for paint compatibility by Fraunhofer IPA (not valid for the biostatic version)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

Initial pressure drop 592x592x500x8poc.



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
- Optional **BIOSTATIC version**: the ingredients located within the synthetic fibers „BIO-Hunter RX-106“ and "Silver-Phosphate-Glass" (BIOZIDE) prevent odors and the formation of microorganisms on the filter which is harmful to the health



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