

Pocket filter
PROsyntex PM10 65%
592 x 592 x 635 12 poc.

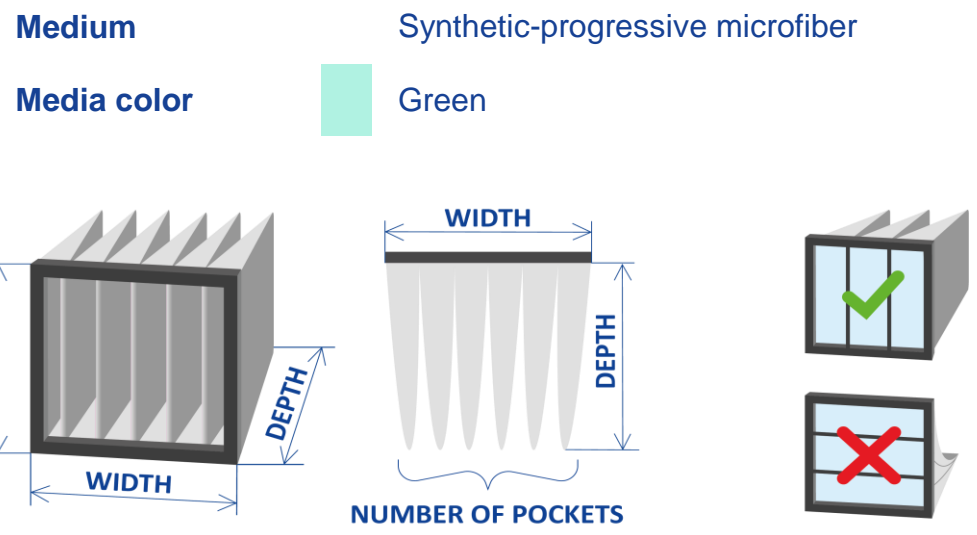


Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM10 65% M6	ePM ₁ 10 % ePM _{2,5} 25 % ePM ₁₀ 65 %	> 1.200 kWh/year	E



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)

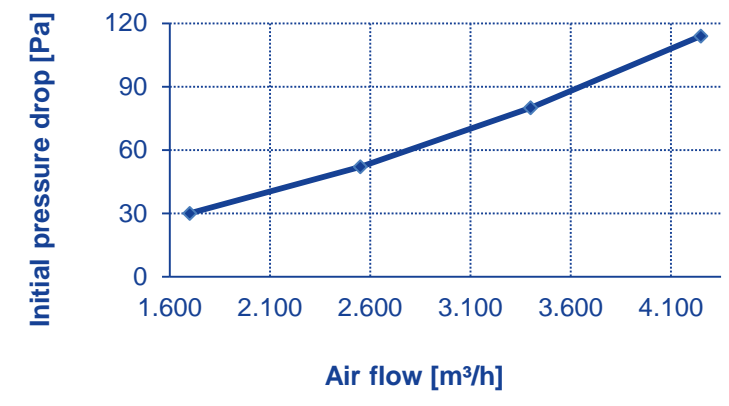


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m ²]	Recommended nominal air flow [m ³ /h]	Initial pressure drop [Pa]
592	592	635	12	9	3.400	80
490	592	635	10	7,5	2.800	80
287	592	635	6	4,5	1.700	80
592	287	635	12	4,4	1.700	80
592	490	635	12	7,5	2.800	80
287	287	635	6	2,2	850	80
592	892	635	12	13,6	5.100	80
490	892	635	10	11,3	4.300	80
287	892	635	6	6,8	2.600	80

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 592x592x635x12poc.



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



Notice:
 All information and illustrations are sole property of Volz and are provided to the best of our company's knowledge. Yet our company does not take over any warranty for the completeness and/ or correctness and cannot be held liable for any damage occurring to the recipient through the use or through her or his trust in the completeness and/ or correctness of the information. The given data are mean values with tolerances due to normal production variations and do not release the recipient from own checks, investigations and test. Furthermore, all data serve as service description and shall not be interpreted as a warranty for composition or service life. Volz reserves the right to change specifications without notice.