

Pocket filter
Ex-Protect PM10 50%
592 x 592 x 600 6 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 50% M5	ePM ₁ 5 % ePM _{2,5} 10 % ePM ₁₀ 50 %	1.100 kWh/year	D

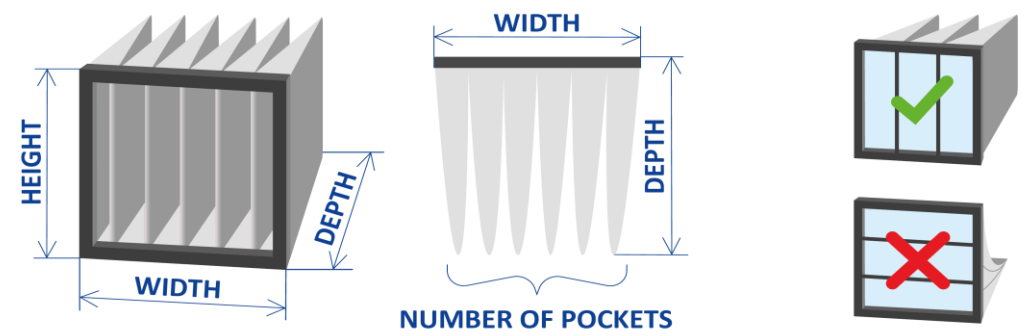


Similar to picture

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 (F3)

Medium Polyester
 Media color White

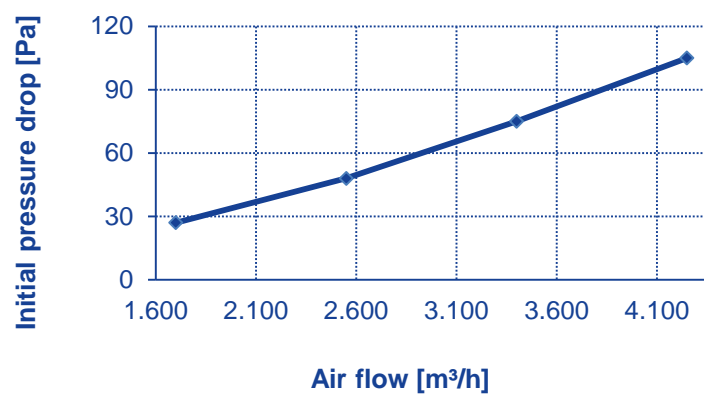


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m²]	Recommended nominal air flow [m³/h]	Initial pressure drop [Pa]
592	592	600	6	4,3	3.400	75
490	592	600	5	3,6	2.800	75
287	592	600	3	2,1	1.700	75
592	287	600	6	2,1	1.700	75
592	490	600	6	3,5	2.800	75
287	287	600	3	1	800	75

Product benefits:

- Shatter-proof synthetic fibres with integrated metal mesh
- Individual stitched pockets
- Electroconductive media with integrated metal mesh
- Ex-Protect filters will not gain electrostatic charge
- For air filtration in aerial engineering plants with dangerous, combustible atmospheres (mixtures of air and burnable gases or steams)
- Device category 2, group II according to EU directive 2014/34 / EU and EN 1127-1: 2011, EN ISO 80079-36: 2016, EN ISO 80079-37: 2016, type of protection Ex "c" suitable for atmospheres with gas, steam, fog or dust.
- Suitable for use in potentially explosive areas of zones 1, 2 and 21, 22 in accordance with EU Directive 1999/92 / EC. (Conductive dusts are to be excluded from the application)

Initial pressure drop 592x592x600x6poc.



Versions:

- Sewn construction
- Special sizes on request
- With galvanized metal frame (inner and outer frames)
- Available with grounding flag or grounding pin
- Manufacturers declaration is included with each filter



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.