

Panel filter
Z-Line PM10 50%
ZPDE-96

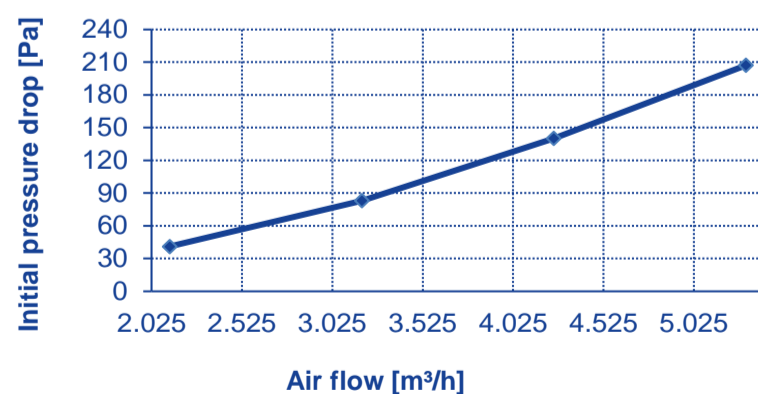


Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM10 50% M5	ePM ₁ 5 % ePM _{2,5} 10 % ePM ₁₀ 50 %	> 1.100 kWh/year	E

Operating conditions:	
Max. humidity resistance	100 %
Max. temperature	80 °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)

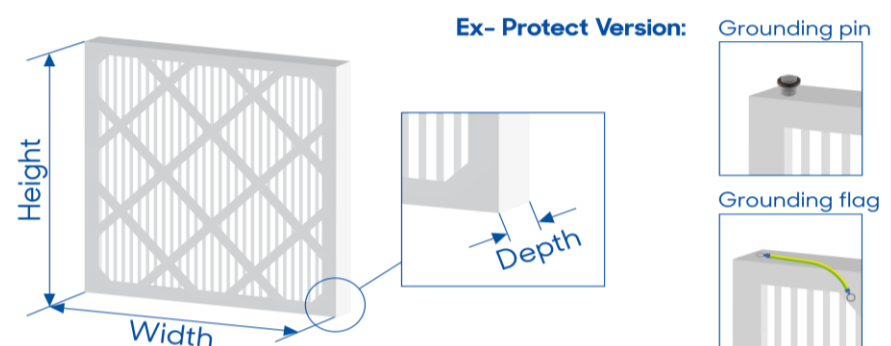
WIDTH	HEIGHT	DEPTH	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]	[m ²]	[m ³ /h]	[Pa]
594	594	96	2,1	4.250	140
495	622	96	1,8	3.600	140
495	495	96	1,4	2.800	140
393	622	96	1,4	2.800	140
393	495	96	1,1	2.200	140
290	594	96	1,0	2.000	140

Initial pressure drop 594x594x96



Similar to picture

Medium Polyester
Media color White



Product benefits:

- Filter media manufactured in house
- Shatter-proof synthetic fibres
- Pleated filter medium, easy to handle
- Suitable for limited space
- Large filter area within a small frame, long service life
- Expanded metal mesh on the clean air side for dimensional stability and performance
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

Z-LINE EX-PROTECT VERSION:

- For the air filtration in engineering plants with dangerous, combustible atmospheres
- Applicable for ex-protect zones 1 and 2 and 21 and 22

Versions:

- Frame types: cardboard, plastic or galvanized steel
- Special sizes on request
- Optional with flat PE closed cell gasket
- Ex-Protect version optional available:
- only with metal frame
- with metal expanded mesh on both sides
- available with grounding flag or with grounding pin



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.