

Panel filter
Z-Line PM10 50%
ZPDE-48

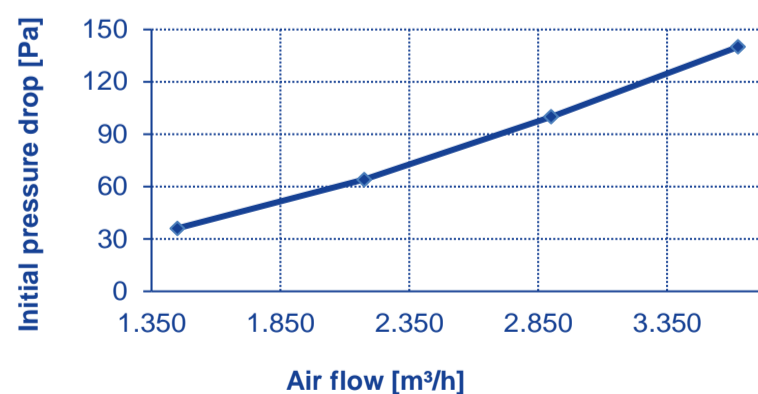


Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency	Energy consumption	Energy class
			<small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM10 50% M5	ePM ₁ 5 % ePM _{2,5} 10 % ePM ₁₀ 50 %	> 1.100 kWh/year	E

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)

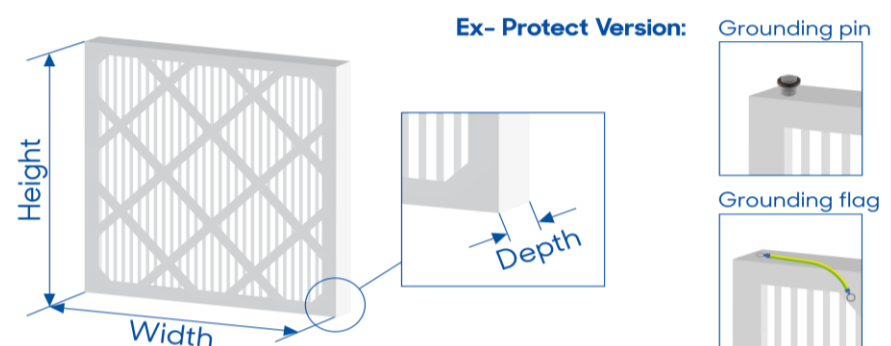
WIDTH	HEIGHT	DEPTH	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]	[m ²]	[m ³ /h]	[Pa]
594	594	48	1,6	2.900	100
495	622	48	1,4	2.500	100
495	495	48	1,1	2.000	100
393	622	48	1,1	2.000	100
393	495	48	0,9	1.600	100
290	594	48	0,8	1.500	100

Initial pressure drop 594x594x48



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



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