

Description

Plane deep pleat filter EPA class E10 accordine to EN 1822:2010 (E ≥ 85% @ MPPS). The deep pleat solution offers an extended filter surface for the treatment of fine dust.

Filter media

Water repellent glass fibre paper folded with constantly calibrated spacing, depth 50 mm. Separation with thermoplastic threads.

Construction

Galvanised steel frame. Polyurethane sealant. One piece endless gasket.

Disposal

Filter not regenerable (CER 15 02 03 / CER 15 02 02* depending on usage).

Operating range

Maximum temperature: 80 °C (continuous operation)
 Maximum relative humidity : 100%
 Recommended final pressure drop : 250 Pa

Applications

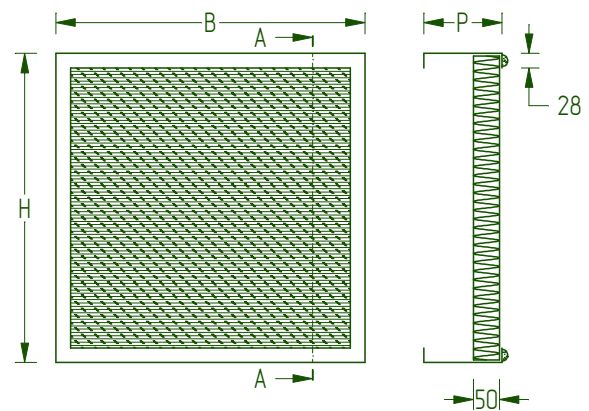
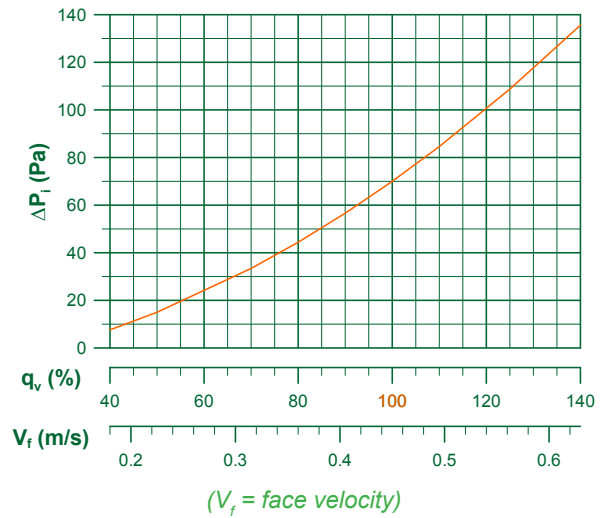
Airborne solid particles filtration in air conditioning systems for air controlled contamination environments.

Special executions

- 2MP10S:** Stainless steel frame
- 2MP10W:** MDF frame
- 2MP102G:** with gasket on clean and dirty side
- 2MP101R:** with aluminium mesh on clean side
- 2MP102R:** with aluminium mesh on clean and dirty side
- 2MP10-ATEX:** ATEX execution cat. II2D/G (IIC) for classified zones 1, 2, 21, 22.

Related products

- MEA:** modular counterframe series **FRAM-FLO**
- BNC:** duct container series **UNI-BOX**
- UC:** safe change housing series **UNI-CAN**
- UB:** safe change housing series **UNI-BANK**
- MB:** multiple safe change housing series **MULTI-BANK**
- GFX-LZ2:** filter grill series **BIOMODULO**



B x H x P (mm)	q _v (m ³ /h)	q _v (m ³ /s)	ΔP _i (Pa)	S _f (m ²)	M (kg)
305x305x150	150	0,04	70	2,8	1,8
457x457x150	335	0,09	70	6,3	2,8
457x610x150	450	0,12	70	8,4	3,4
610x305x150	300	0,08	70	5,5	2,8
610x610x150	600	0,17	70	11,3	4,0
610x915x150	900	0,25	70	16,9	5,2
762x610x150	750	0,21	70	14,3	4,6

q_v nominal air volume flow
 ΔP_i initial pressure drop (± 20 Pa) at the nominal air flow q_v
 S_f filter surface
 M mass

