

Description

Plane deep pleat EPA filter class E12 according to EN 1822:2010 (E ≥ 99,5% @ 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 120 mm. Separation with thermoplastic threads.

Construction

Galvanised steel frame (P=150 mm or 292 mm). 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

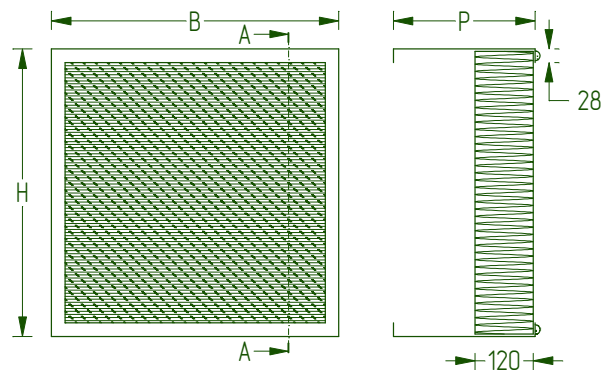
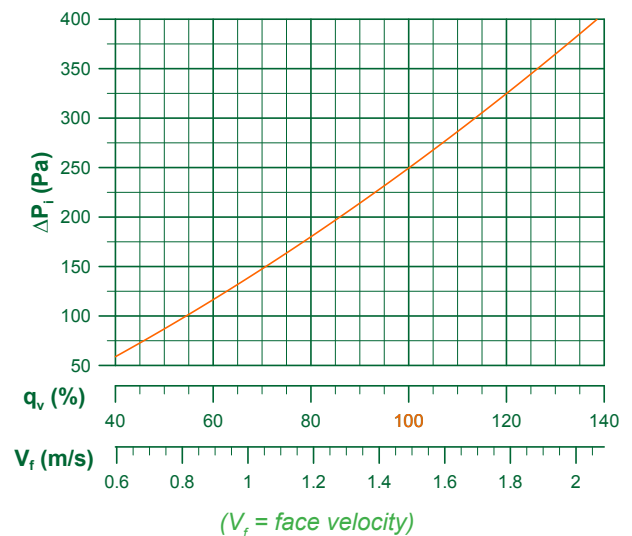
Airborne solid particles filtration in air conditioning systems for air controlled contamination environments.

Special executions

- 5MP12S:** Stainless steel frame
- 5MP12W:** MDF frame
- 5MP122G:** with gasket on clean and dirty side
- 5MP121R:** with aluminium mesh on clean side
- 5MP122R:** with aluminium mesh on clean and dirty side
- 5MP12-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)
305x305xP	500	0,14	250	5,0	2,1/3,3
457x457xP	1125	0,31	250	10,6	4,1/5,9
457x610xP	1500	0,42	250	13,8	5,2/7,3
610x305xP	1000	0,28	250	9,5	3,8/5,6
610x610xP	2000	0,56	250	18,0	6,6/9,0
610x915xP	3000	0,83	250	25,9	9,4/12,4
762x610xP	2400	0,67	250	22,0	8,0/10,7

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 (P=150mm / P=292mm)

