

## AB-P



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EN 1822:2019 classification	H14
MPPS efficiency	99,995%
Suggested final pressure drop	350 Pa
Maximum pressure drop	600 Pa
Maximum operating temperature	70 °C
Maximum relative humidity	90%

HEPA filters available in all HEPA and ULPA efficiency classes with 68-mm thickness for applications where a unidirectional flow is required. The light and compact structure typical of these filters simplifies the maintenance procedures and reduces the system down time. These filters can be totally incinerated at the end of their operating life owing to the lack of metal parts.

**MATERIAL AND FINISH**

- Frame in plastic.
- Micro-fibre glass filter medium.
- Plastic protection grids.
- Hot-melt separators.
- Bicomponent polyurethane sealant
- Semi-circular expanded polyurethane one-piece gasket.

**APPLICATION**

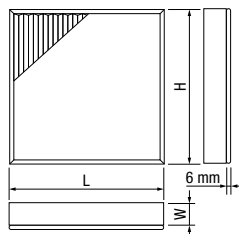
- Isolators.
- Terminal filter housings (DIF) to ensure the best cleanliness level of pharmaceutical production zones, production machinery and weighing systems.
- Exhaust grilles (DEC-A, DEC-S) in contamination controlled environments.
- Environments with aggressive atmosphere.

**VERSIONS**

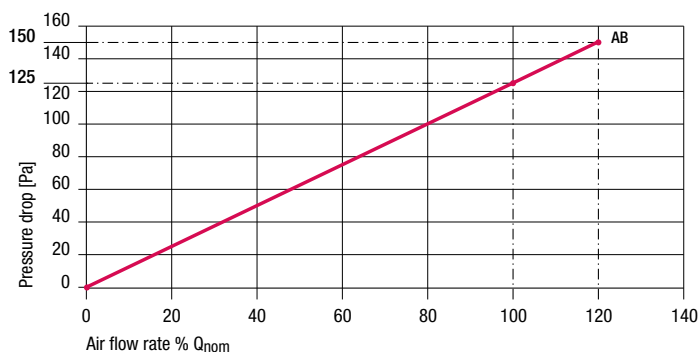
- LPD (15% lower initial pressure drop compared to the standard version).

**ACCESSORIES**

- Double gasket.

**DIMENSIONS AND TECHNICAL DATA**

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]
	L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]		
3	305	305	68	150	42	88	2,5	125
42	305	610	68	300	84	177	5	125
43	457	457	68	340	95	200	5,5	125
44	515	515	68	450	125	265	7	125
4	610	610	68	600	167	353	10	125

**CHARACTERISTIC CURVES**

Q<sub>nom</sub> is measured at face speed velocity of V<sub>f</sub> 0,45 m/s