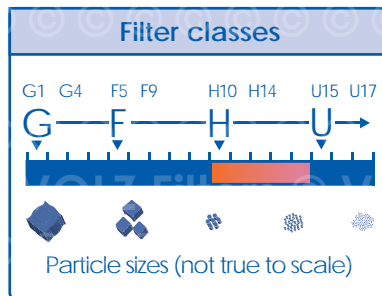




HEPA filter



Applications

In clean rooms for:

- Research
- Medicine
- Pharmacy
- Electrotechnology
- Microtechnology

Classification acc. to EN 1822

- Filter class H10
- Filter class H11
- Filter class H12
- Filter class H13
- Filter class H14

Versions

- Frame types: MDF frame, extruded aluminium frame, plastic frame, steel plate with powder coating, galvanized steel frame
- Standard depths: 78 mm, 150 mm, 292 mm
- Special sizes on request
- Gaskets: several versions
- Filter media is cast in frame
- On demand with scan-test-protocol

Material characteristics

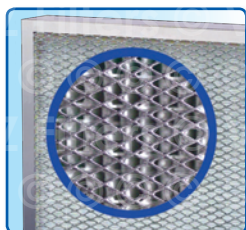
- Tested according to EN 1822
- Humidity resistant up to 100% r. h. (depending on version)
- Temperature resistant up to max. 70°C
- Contains no silicone

Benefits of VOLZ Filters



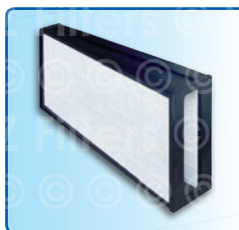
Gaskets for every application

- Standard: with flat section gasket
- On demand with test groove gasket, fluid gasket or foamed continuous gasket available



Handle protection

- Handle protection for secure installation on one side/ both sides on demand (avoids damage of glass fibre medium)



Wedge-shaped filter



Compact cassette filter



- Available in several versions and dimensions



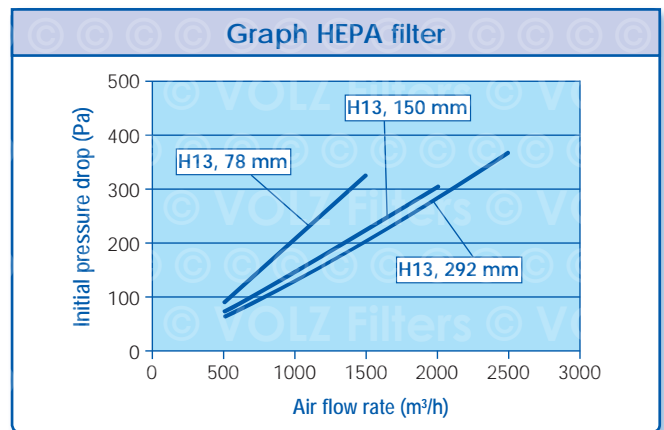
Filter box

Standard versions HEPA filter H10 - H14

Width	Height	Depth	Filter area*	Nominal air flow rate*
mm	mm	mm	m ²	m ³ /h
305	305	78	2.7	270
305	610	78	5.7	560
610	610	78	12	1200
305	305	150	3.2	330
305	610	150	6.8	670
610	610	150	14.5	1450
305	305	292	4.4	460
305	610	292	9.2	940
610	610	292	20	2000

Information: Width and height dimension are interchangeable
*Version with MDF-frame

HEPA filter H10 - H14	610 x 610 mm depth: 292 mm	610 x 610 mm depth: 150 mm	610 x 610 mm depth: 78 mm
Initial pressure drop (Pa)	280	215	250
Recommended final pressure drop (Pa)	600	600	600
Nominal Air flow rate (m ³ /h)	2000	1450	1200
Arrestance for MPPS (%)	≥ 99.95	≥ 99.95	≥ 99.95
Filter area (m ²)	20	14.5	12



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