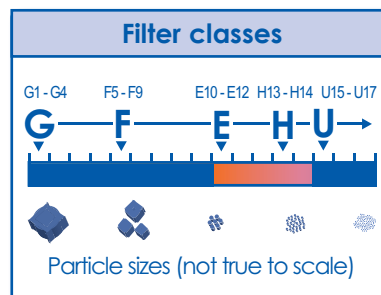




HEPA filter



Applications

In clean rooms for:

- Research
- Medicine
- Pharmacy
- Electrotechnology
- Microtechnology

Classification acc. to EN 1822

- Filter class E10
- Filter class E11
- Filter class E12
- Filter class H13
- Filter class H14

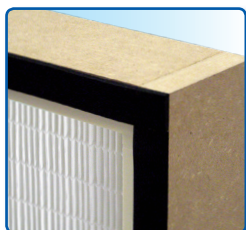
Versions

- 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

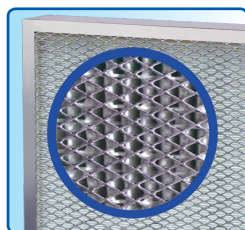
- Tested according to EN 1822
- Humidity resistant up to 100% r. h. (depending on version)
- Temperature resistant up to max. 70°C
- Contains no silicone

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

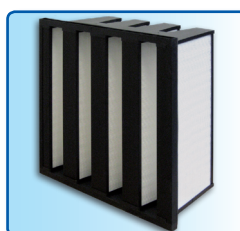


Handle protection

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



Wedge-shaped filter



Compact cassette filter



- Available in several versions and dimensions

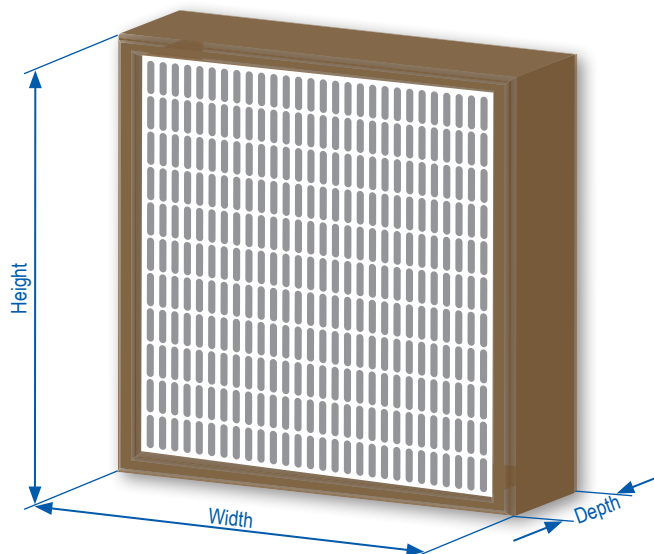


Filter box

Standard versions HEPA filter E10 - E14

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

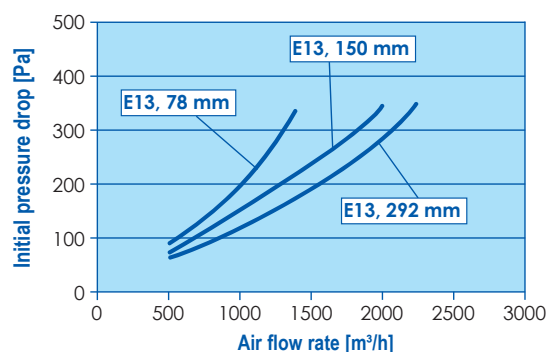
Information: Width and height dimension are changeable
 *Version with MDF-frame



Please order in the following sequence: Width x Height x Depth

HEPA filter e.g. E13	610 x 610 mm depth: 78 mm	610 x 610 mm depth: 150 mm	610 x 610 mm depth: 292 mm
Initial pressure drop (Pa)	250	215	280
Recommended final pressure drop (Pa)	600	600	600
Nominal air flow rate (m ³ /h)	1200	1450	2000
Arrestance for MPPS (%)	≥ 99.95	≥ 99.95	≥ 99.95
Filter area (m ²)	12	14,5	20

Graph HEPA filter



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