

EPA, HEPA, ULPA FILTERS

Applications: used in clean rooms:

- hospitals,
- food industry,
- medicine manufacturing,
- micro electronics industry,
- laboratories.

EPA, HEPA, ULPA filters are absolute filters, which can hold the smallest airborne particles – bacteria, viruses, poison dusts. These filters are used in places with special requirements, where tolerance for any dust is very low.



EPA — efficient particulate filters. Can hold dusts from supply or exhaust air from 85 % (E10), 95 % (E11) and 99,5 % (E12) efficiency.

HEPA — high efficiency particulate air filters. Can hold dusts from supply or exhaust air from 99,95% (H13) and from 99,995% (H14) efficiency.

ULPA — ultra low penetration air filters. Can hold dusts from supply or exhaust air from 99,9995 % (U15) and from 99,999 95 % (U16) efficiency.

We recommend to use multi stage filtration before EPA, HEPA or ULPA filters – pre-filters, higher class filters to prolong lifetime.

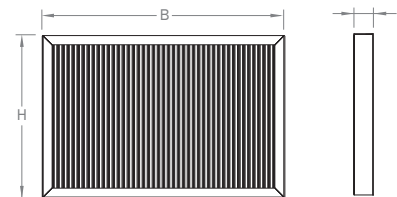
Frame: Plastic, MDF, aluminum, or galvanized steel

Filter media: high quality glass fiber.

Filter replacement recommendations: 2x initial pressure drop.

Maximum pressure drop: 600 Pa.

Maximum permitted temperature: <80°C.



Also we can offer custom-sized filters.

Width (B), mm	Height (H), mm	Depth (D), mm	Filter class EN 1822
305	305	78	E10-E12 / H13-H14 / U15-U16
305	305	150	E10-E12 / H13-H14 / U15-U16
305	305	292	E10-E12 / H13-H14 / U15-U16
305	610	78	E10-E12 / H13-H14 / U15-U16
305	610	150	E10-E12 / H13-H14 / U15-U16
305	610	292	E10-E12 / H13-H14 / U15-U16
457	457	78	E10-E12 / H13-H14 / U15-U16
457	457	150	E10-E12 / H13-H14 / U15-U16
457	457	292	E10-E12 / H13-H14 / U15-U16
575	575	78	E10-E12 / H13-H14 / U15-U16
575	575	150	E10-E12 / H13-H14 / U15-U16
575	575	292	E10-E12 / H13-H14 / U15-U16
610	610	78	E10-E12 / H13-H14 / U15-U16
610	610	150	E10-E12 / H13-H14 / U15-U16
610	610	292	E10-E12 / H13-H14 / U15-U16