

Product data sheet: HEPA filters

HEPA filters are designed for installation in all types of air handling units with a temperature resistance of up to 100 ° C. They are usually used in clean rooms, laminar boxes and everywhere where a high degree of filtration is required.

HEPA filters are manufactured in two versions, minipleat and Alu separator. With the minipleat variant (thermoplastic separation), the largest possible depth of the filter storage is 150 mm, which can also be placed in greater depths of the frame. The design of the Alu separation variant ensures an even air flow by means of aluminum separators. Filters with Alu separator are usually manufactured from a depth of 150 mm to 292 mm. The filter block, both for Alu separator and for the minipleat, is the filter medium is fixed in the frame cold-cured polyurethane sealant. The filter medium is a double-sided laminated submicron glass fleece with 100% hydrophobization. A flat seal 15 x 8 mm (PE) or an endless seal type "D" (PU) can be glued on the inlet or outlet side of the filter.

Filters in metal or aluminum frames can be manufactured with a collar, on one or both sides. At the customer's request, the filters can be equipped with protective grilles on one or both sides. The filters are always tested for faultlessness at the factory and a scantest can be performed on request.

Reference dimension 610 x 610 x 150 mm:

EN 1822	M6, F7	F8, F9	E10	E11, E12	H13	H14
Air flow rate for 250Pa	5300 m ³ /h	2800 m ³ /h	2500 m ³ /h	2200 m ³ /h	1700 m ³ /h	1400 m ³ /h
Initial pressure drop	70 Pa	80 Pa	130 Pa	140 Pa	160 Pa	175 Pa
Recomm. final pressure loss	300 Pa	300 Pa	400 Pa	400 Pa	450 Pa	450 Pa

Filters are disposed of in incinerators or can be disposed of in a municipal waste landfill.

Packaging: Packed in foil and cartons; the label indicates the type of filter, filtration class, size, air flow direction and manufacturer.

Warranty: The warranty on the filters is given for the entire life of the filter.

