

CR ultrafilter

Absolute filters for microparticles – EPA, HEPA, ULPA

Filtration class according to EN 1822:2010

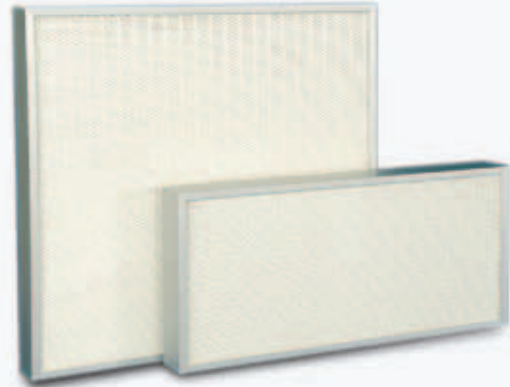
H14 – U17

Delivery options

frame widths: 70, 78, 90, 102,
110, 122 and 150 mm

Possibility of regeneration

no



Filter properties

CR ultrafilters are plate filters for microparticles. They protect persons, equipment and technologies against air-borne particle contaminants.

Filter medium

Papers from fine glass microfibres of various separation or penetration levels. The filter medium is folded into a pleat and the number and height of folds is optimally dimensioned for operating conditions.

Separators

consist of a melt adhesive, which provides high stability of the entire filter element.

Filter frame

The frame is made from an anodised aluminium section. If required, may be made of stainless steel.

Sealing of the filter pleat in the frame

Two-component polyurethane sealant.

Seals

A special section from EPDM sponge rubber with closed surface. Form of the seal: flat, semi-circular, double-edged. Gel seals, U-section seals and seals for high temperatures.

Protection against contact – protective grid:

- on both sides
- on one side, on the side of sealing
- on one side, on the side without sealing
- without protection against contact

Quality, defectoscopy, SCAN TEST**

When ensuring the quality, our company puts stress on filter media, the production procedure and finished filter elements. Ultrafilters are made and tested according to a precisely set procedure. We distinguish among requirements of quality levels A to D.

Visual control, oil mist seepage test, test certificate according to EN 10204-2.3. Scantest with a test certificate for an extra charge.

Field of application

In areas with the highest demands for air cleanliness. The health sector - laminar ceilings, extensions for clean rooms, pharmaceuticals, microbiology, production of CDs, food-processing industry.

Waste disposal

Incineration in appropriate incinerators.

* SCAN TEST = computer controlled test of the filter medium with a laser particle counter.