

N ultrafilters

Absolute filters for microparticles – EPA, HEPA, ULPA

Filtration class according to EN 779:2012, EN 1822:2010

F7 – U15

Delivery options

610 (w) × 610 (h) × 292 (d) mm

305 (w) × 610 (h) × 292 (d) mm

762 (w) × 610 (h) × 292 (d) mm

Possibility of regeneration

no



Filter properties

N ultrafilters have a compact and robust design with a low risk of damage and an extra large filtration area. The use of the filter medium in the pleat enables extremely high intake-flow rates and flow rates up to 4,000 m³/h for a filter of dimensions 610 × 610 × 292 mm).

Quality

Ultrafilters of filtration class H13 and H14 always undergo the oil-thread leak test. ULPACATS computercontrolled test of the filter medium – for an extra charge.

Field of application

Clean rooms - pharmaceutical industry, health sector, nuclear power plants, microelectronics, industry.

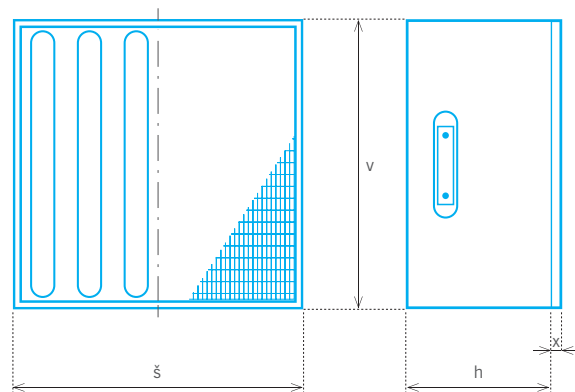
Material

Filter pleat from submicron glass fibre

Waste disposal

Filters contaminated with outside air should be disposed of by incinerating or landfilling. Filters contaminated by toxic or radioactive particles should be disposed of as hazardous waste.

Dimensions



Type 610

width: 609 mm (±1 mm)

Type 305

width: 304 mm (±1 mm)

Type 762

width: 762 mm (±1 mm)

Type 205

width: 205 mm (±1 mm)

x

Non-pressed seal,
pressed about 5 mm

Depth h

Depth of all the filters is
292 mm (±1 mm)

Technical data	Unit of measure	F7-V40	F9-V40	E11-V35	H13-P20	H13-V30	H13-V34-T	H13-V40	H14-V35	U15-V30
Nominal air flow rate for dimensions 610 × 610 mm	m ³ /h	4,000	4,000	3,500	2,000	3,000	3,400	4,000	3,500	3,000
Nominal intake-flow rate	m/s	3.0	3.0	2.6	1.5	2.25	2.55	3.0	2.6	2.25
Initial pressure loss at nominal load	Pa	140	170	190	250	250	270	290	250	250
Recommended final pressure loss	Pa	450	450	600	500	600	600	600	600	600
Maximum thermal resistance	°C	125	125	125	70	125	220	125	125	125