

JP and JK

Absolute filters for microparticles – special design

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

F9 – H14

Delivery options

from \varnothing 155 to \varnothing 300 mm

Possibility of regeneration

no



Filter properties

The special circular filters JP and JK are made of submicron glass filter paper that is folded into a pleat and sealed in two-sided collars made of PU or stainless steel.

Filter frame

Metal cover collars are made of aluminium or stainless steel. Collars of the JP filter are made of polyurethane.

Separators

Separators are formed from thermoplastic melt adhesive.

JP

Cylindrical dust filter in filtration class F9 according to EN 779:2012. Filter medium from cellulose fibres. Collars from a flexible plastic material serving as a seal.

Mean efficiency level (atmospheric)

EN 779:2012: 95 %

Relative air humidity up to: 85 %

Maximum thermal resistance: 90 °C

Recommended final pressure loss: 500 Pa

JK

Cylindrical HEPA filter in filtration class H13 according to EN 1822:2012. Filter medium from submicron glass fibres. The clip for installation of the filter consists of a connecting brass ring and an ERP seal.

Mean efficiency level (atmospheric)

EN 1822:2012: 99.99 %

Relative air humidity up to: 100 %

Maximum thermal resistance: 90 °C

Recommended final pressure loss: 1,000 Pa

Height: 50–400 mm

Diameter: 150 or 190 mm

Seals

The filter is equipped with a rubber collar or standardised screwed connection for connecting to the pipeline (e.g. for medicinal gases).

Quality

H13 = oil-thread leak test.

H14 = ULPACATS filter medium laser test certificate – for an extra charge

Field of application

All areas of air handling and distribution where it is necessary to filter a small quantity of air with a high efficiency of filtration, i.e. inlets and outlets of laboratories, chemical plants, medicinal gases cleaning, nuclear engineering, electrical engineering, etc.

Material

Filter pleat from submicron glass fibre

Waste disposal

Landfilling or incineration in authorised incineration plants.