

JG and JKG

Absolute filters for microparticles – special design

Filtration class according to EN 1822:2012

H13 – H14

Delivery options

from \varnothing 155 to \varnothing 300 mm

Possibility of regeneration

no



Filter properties

The special circular filters JG and JKG 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. The filters are made also in a compact design including jacketing (JKG). The jacketing can be made of plastic or stainless steel. The filters enable loading of up to 14,000 Pa at flow rates of 80 to 150 m³/h.

Filter frame

Metal cover collars are made of aluminium or stainless steel.

Separators

Separators are formed from thermoplastic melt adhesive.

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 = oil-thread leak test

JG

Cylindrical HEPA filter in filtration class H13 according to EN 1822:2012. Filter medium from submicron glass fibres. Metal parts from aluminium.

Variants:

1. Without a protective cover
2. With a protective cover
3. With a stainless steel jacket

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

JKG-W

A plastic jacket of the JKG-W filter for use in air pipeline parts or similar applications.

Connection diameter: 125 mm

Air flow direction: vertical/horizontal, downward/upward
Equipped with a condensate outlet, seals and brackets for installation on wall or ceiling.

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.

Material

Filter media from glass microfibres JP and JK