

KS extensions for clean rooms

Components for clean rooms

Delivery options

6 standard sizes, possibility to adapt to the customer's requirements

Absolute filters used

KS BESTFIL as standard, other options according to the customer's requirements



Features

KS extensions for clean rooms are air outlets with integrated absolute filters for microparticles. The outlets are used for air filtration and distribution. Separation of microparticles, bacteria and viruses takes place immediately before the entry into the clean room. The extensions are supplied as ceiling and wall-mounted.

The KS extensions for clean rooms include a test groove enabling measurement of tightness of mounting of the filter and a connection for pressure measurement. The air is supplied through round connecting mouths into which it is possible to mount air-tight shutting flaps.

- Design of extensions for clean rooms enables air filtration and distribution of the filtered air
- Viruses, bacteria and dust particles are filtered from the air stream immediately before the outlet of air which eliminates risks connected with a central filtration system, such as cross contamination in ventilation pipelines

End outlets used:

Perforated sheet metal, diffuser, whirl outlet.

The KS extensions for clean rooms are ideal for use everywhere where clean air or air free of germs is needed, e.g.:

- **Hospitals:** operating rooms and infirmaries, intensive care units, sterile zones and isolation wards
- **Industry:** ecologically clean production plants in the pharmaceutical, chemical, food-processing, optical and electronics industry
- **Laboratories:** clean rooms and work areas, clean air supply and filtration of toxic or harmful aerosols

Quality

Ultrafilters of filtration classes H13 and U15 always undergo the oil-thread leak test for faultlessness. A computer-controlled test of the filter media SCAN TEST and the test certificate according to EN 1822-4 are made to order.

Field of application

Clean rooms - pharmaceutical industry, health sector, laboratories, electrotechnics, microbiology, nuclear engineering.