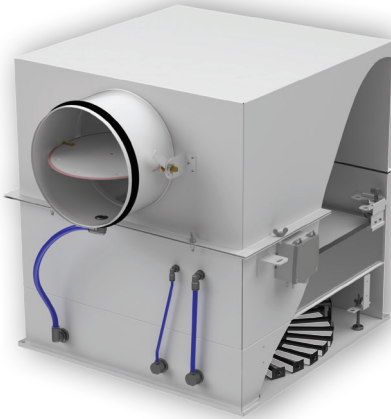


Pure competence in air.

SCHAKO 



FKO

Filter box

Particle filter box for the installation of filter cells with the option of changing filters from above. The filter seal is available as either a rubber or fluid seal.

Technical features

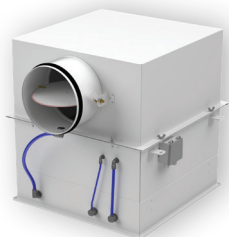
- The filter can be changed from above.
- Thanks to the integrated particle filter (as per DIN EN 1822), particles, radioactive dust, mist, bacteria, viruses etc. are separated out of the supply and return air.
- The FDQJ and FPIL air diffusers are connected to the filter box via concealed mounting. With the FDQJ air diffusers, magnetic attachment for tool-free removal from the air diffuser is also possible.
- The filter cell is removed and reinserted again above the filter box in the accessible installation ceiling without having to enter the cleanroom.
- The basic equipment includes a differential pressure/aerosol monitoring device.

Available types

FKO-V – vertical connection – NW 400 – 800 optionally for filter cells with either rubber or fluid seal



FKO-H – horizontal connection – NW 400 – 800 optionally for filter cells with either rubber or fluid seal





Areas of application

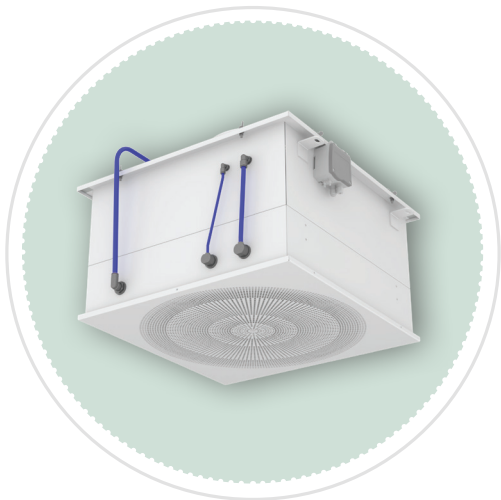
Air cleaning at the highest level

Particle filter box for use in supply and return air systems of cleanrooms in the pharmaceutical, electrical, fine mechanics and optics industries, in operating theatres of hospitals and in laboratories.

Accessories

- Differential pressure transducer to monitor filter contamination
- Antibacterial coating
- Rubber lip seal

Technical changes reserved.



Function

Highest safety with regard to separation

The FK0 particle filter box, with its integrated particle filter (H13/H14 as per DIN EN 1822) and filter changing from above, separates particles, radioactive dusts, mist, bacteria, viruses, etc. from the supply and return air. This ensures that the incoming and outgoing air flows are extremely clean and germ-free.

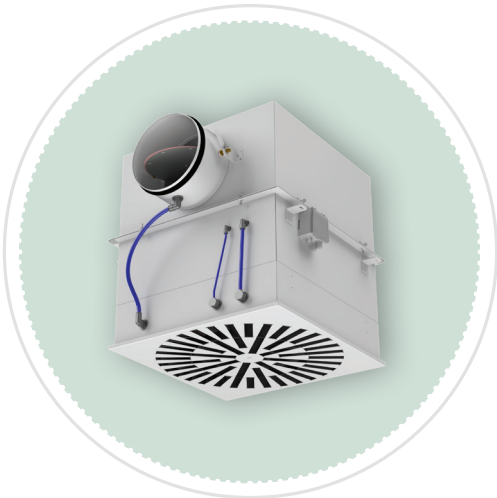
The use of filter cells with either a rubber or fluid seal is possible.

Benefits

- The particle filter box provides extremely clean air and enables the most stringent requirements to be met with regard to clean, germ-free air.
- Thanks to the option to change the filter from above, entry into the cleanroom for a filter change can be prevented.

Performance values

- Volumetric flows of up to 1,370 m³/h with an initial pressure loss of 120 Pa, depending on the H14 particle filter used.



SCHAKO stands for competence in ventilation and air conditioning technology. The quality standard and reliability of our products are well known throughout Europe. At our own test laboratories, we develop solutions which sustainably optimise the indoor climate in work environments and public spaces. With sites in Germany, Spain and Hungary, we deliver quickly and flexibly throughout Europe.

We carry a wide standard range and are ideally positioned to meet special air demands with individual and smart solutions as well.

Pure competence in air.

As specialists, the companies of **SCHAKO Group – ADMECO, NOVENCO Building & Industry, REVEN, SCHAKO, SCHNEIDER Elektronik, SIROCCO and SMITSAIR** – offer a unique portfolio of ventilation, air conditioning, smoke extraction & fire protection products and system solutions for operating theatres, commercial construction, public buildings, canteen kitchens, laboratories, the process industry, stairwells, underground car parks, tunnel systems and data centres.

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