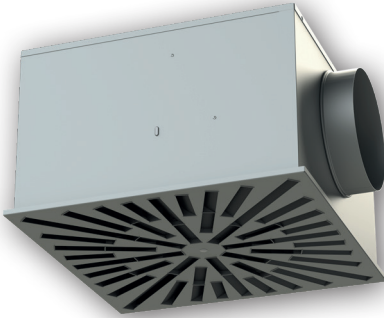


Pure competence in air.

SCHAKO 

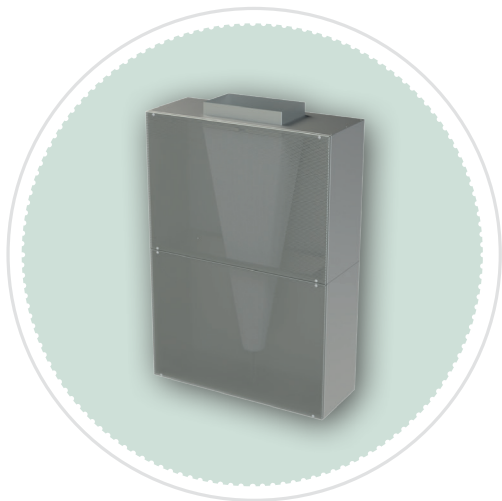


Patent pending

VIENTRONIC

Disinfection system

The SCHAKO VIENTRONIC disinfection system prevents the direct transmission of dangerous germs and ensures germ-free occupied areas.



Areas of application

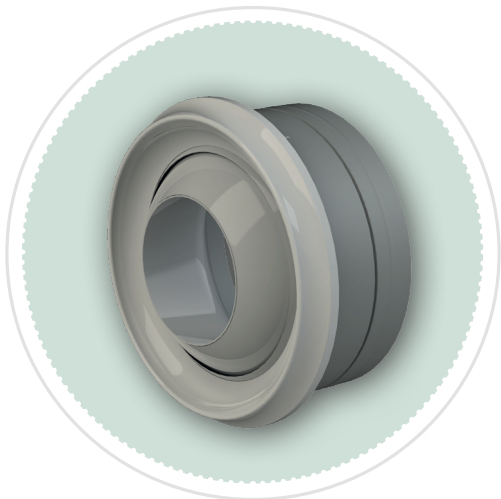
Air cleaning at the highest level

Clean supply air is especially important precisely in times of epidemic threats so that the risk of infection can be substantially reduced, for example.

The VIENTRONIC disinfection system is suitable for all rooms, especially those which are occupied by people whose health is a top priority. The activation of fresh air already occurs ahead of the air diffuser, and subsequent retrofitting of the system is also possible for supply air systems.

Used primarily in places with the most stringent demands on healthy, clean and germ-free air.

Technical changes reserved.



Function

Optimal safety thanks to the SCHAKO VIENTRONIC

The VIENTRONIC disinfection system already activates the air flowing ahead of the air diffuser and fills the room with germ-neutralised supply air.

Thanks to an electronic and physical process, the SCHAKO VIENTRONIC disinfection system reduces and deactivates germs in the ambient air. This physical process gives fresh air in the supply air the properties needed to bind with germs found in the room and to permanently deactivate them.

The process is highly efficient in reducing viruses, bacteria, odours etc. from the room air. It supplies fresh, clean and healthy air.

With regard to ozone content in the room air, all specified health-related guideline values are easily complied with.

Benefits

The SCHAKO VIENTRONIC disinfection system ensures the safety of people and reduces the risk of germs found in the room air making people sick.

Increased air exchange isn't necessary to achieve a thinning effect resulting in a lower concentration of germs.

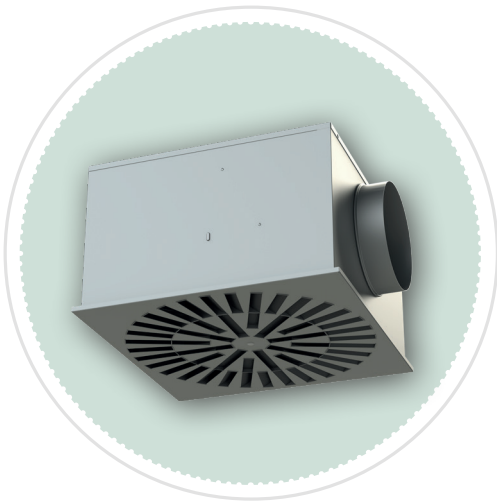
Additional ventilation by opening windows is no longer required, which saves energy and money.

Available sizes

The VIENTRONIC disinfection system can be used for ceiling air diffusers, displacement air diffusers and long-range nozzles.

It can be retrofit for nearly all SCHAKO air diffusers.





Performance values

To achieve sufficient disinfection, three to four air changes are sufficient.

Within a very short period of time, the VIENTRONIC disinfection system reduces the viral and germ load by around 99 percent.

The efficiency and effectiveness of the VIENTRONIC disinfection system have been verified and confirmed by the Fraunhofer Institute as per VDI EE 4300.

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 for acoustics and fluid mechanics, as well as at a centre of excellence for simulations, 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.

SCHAKO KG

Steigstrasse 25-27
D-78600 Kolbingen
Germany
schako.com

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