

UV-DUCT-SQ

Decontamination for Installation in HVAC Systems

The UV-DUCT-SQ is a multi-purpose device designed for quick installation and integration in a wide variety of systems and under a wide variety of conditions. The modular construction of the UV-DUCT-SQ allows for the devices to be installed parallel to one another, overlapping, or combined in an arbitrary fashion – whatever array is best to ensure that air streams are brought past the system in a manner which provides the optimal conditions for elimination of microbial contamination. The UV-DUCT-SQ is installed in the air ducts of climate control systems in order to inhibit the reproduction and distribution of dangerous viruses, bacteria, fungus and spores.

Irradiation of air passing through the system serves to minimize the spread of dangerous air-borne pathogens.

Through application of a UV-DUCT-SQ device, the growth of germs is inhibited, and biofilm is not allowed to form within the ventilation system, resulting in an enormous improvement in personal comfort and air quality.

The UV-DUCT-SQ inhibits so-called “sick building syndrome”, Monday fever, asthma and allergies. The UV-DUCT-SQ allows for continuous control over always increasing standards of hygiene. At the same time, climate control systems are kept clean, and expensive as well as environmentally unfriendly chemicals can be avoided. The application of UV-DUCT-SQ systems is important, not only with the goal of improving air quality, but also in order to reduce the risk of cross-contamination and healthcare-associated infections.

Use of the UV-DUCT-SQ system increases cleaning intervals, and filters can be used for a considerably longer period of time.

Characteristics:

- Selectable UV-C output
- Stainless steel frame AISI 304
- Various sizes available
- All parts tested UV-C durable
- Safety category IP 55, class II
- Power provision and control runs through external electronic ballast (EVG)
- External control box included
- Power provision through pluggable cable
- Easy to install
- CE Markings (LVD, EMC, MD, RoHS)

