

Protect your space with AIRsteril

We are all well aware that germs are easily spread by coughs and sneezes, but even talking and breathing can release germs into the air. Research shows many viruses including Coronavirus can remain airborne for hours and be transmitted by aerosolized germs.

Many tests of air based systems against viruses and bacteria quote seemingly impressive results, but testing in a small cabinet; passing air through a filter or the inside of a unit to achieve these results is obviously not comparable to a larger "real world" environment. It is also essential any system can safely operate in an occupied area as people are usually the primary source of microorganisms that make us ill.

For our latest testing in Germany* we used a 75m³ room (equivalent to a medium size office or large meeting room). A surrogate virus germ solution was sprayed into the air to simulate a contaminated room, experiments were then conducted with and without AIRsteril present to demonstrate efficacy:

- During spraying process germs reduced by 99%.
- No germs could be detected 10 minutes after dispersal.
- Demonstrated AIRsteril can kill over 99.99% of viruses from the air within minutes.
- Confirmed efficacy for enveloped viruses including Coronaviruses.
- All achieved whilst remaining completely safe for people to be present.
- Without AIRsteril - 60 minutes later germs could still be clearly measured in the air.



Over ten years in the business of air purification has given us a unique expertise in infection and odour control across multiple industries. Whether the primary concern is odour control in a busy public washroom, infection control in Ambulances, a combination option for Care homes, or in order to offer an extra layer of protection in offices, AIRsteril has a tried and tested product range for these and hundreds of other areas.

**Testing performed using recognized viral surrogate, "Coliphage phiX174", confirms efficacy for other viruses (enveloped viruses, including coronaviruses)". Tests carried out by Dr. med. univ. Sebastian Werner of HygCen Germany GmbH, efficacy also verified by Dr. Stefanie Scheffler of the Fraunhofer Institute of Toxicology and Experimental Medicine.*