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# PRESS RELEASE

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## **UK Sterilisation Systems Proven Effective at Killing COVID-Causing SARS-CoV-2**

A range of pathogen neutralisers from UK-based workplace safety solutions provider Reaction Group has been proven to be effective at killing the SARS-CoV-2 virus which causes the COVID-19 infection. While the React-Air units were previously known to eliminate pollen, bacteria, and a wide range of common viruses from surfaces and fabrics, independent testing has now demonstrated the equipment's effectiveness against the specific coronavirus that is spreading rapidly around the world, putting lives and livelihoods at risk.

The React-Air collection from Reaction Group features six air and surface sterilising units that combine UVC light with high efficiency particulate air (HEPA) filters and activated carbon filtration to clean air and surfaces inside buildings to create fresher, healthier environments for residents and workers.

Designed and manufactured in the UK, React-Air technology has now been independently tested by FDA and CDC-approved laboratories in California which conclude that the units are highly effective at neutralising - and removing - airborne SARS-CoV-2 particles, demonstrating up to a 92% kill rate within 15 minutes and significantly reducing the risk of COVID-19 transmission. The use of the sterilisation units across three distinct tests showed a 62% increase in degradation of the SARS-CoV-2 virus compared to the control.

Reaction Group Technical Director Mike Holland-Porter says, "There have been interesting developments in COVID-19 research from the University of Boston which shows that the SARS-CoV-2 virus is highly sensitive to UVC light, and ongoing studies are being conducted to further examine the neutralising effects of UVC on the virus. With our React-Air range of sterilisation units harnessing the power of UVC technology, we were confident that our products would have a significant impact on airborne viral loads, and we're incredibly pleased that independent testing has confirmed our beliefs, showing that much of the virus can be eliminated with React-Air technology."

Clean air in buildings is a primary and urgent focus as more and more businesses begin to bring workers back into the office, with the Health and Safety Executive issuing [new ventilation advice](#) in light of the pandemic. Under the latest guidance, the HSE states that 'you can reduce the risk of aerosol (airborne) transmission by providing adequate ventilation with fresh air', resulting in an increasing number of organisations seeking solutions such as React-Air which can be tailored to the requirements of each building.

With the React-Air units now being proven effective against SARS-CoV-2 and successful at minimising the risk of COVID-19 transmission within enclosed buildings, implementation of such technology can help businesses to navigate this period of recovery by demonstrating a commitment to employee health and wellbeing, reducing staff absence through illness, and highlighting compliance with HSE advice regarding ventilation and air quality.

*React-Air units provide a more effective and affordable alternative to deep cleaning or chemical fogging. For more information, visit [www.reaction-grp.com/react-airsystems](http://www.reaction-grp.com/react-airsystems).*

## **About**

Reaction Group is a UK-based provider of rapid response decontamination, and airborne pathogen neutraliser units, working to support nationwide businesses to meet their regulatory and compliance requirements. The group's technological innovation, and commitment to customer service has helped the organisation to build a strong client base within a wide variety of industries across the UK.

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