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Rapid Response Decontamination Experts Integrate CO2 Monitoring Technology with COVID-Killing Purifier and Surface Steriliser Unit

Reaction Group, the UK experts in rapid response decontamination and airborne pathogen neutraliser units, have launched a cutting-edge response to new HSE guidance which legally requires buildings to monitor fresh air supply and ensure adequate ventilation in their premises.

Reaction's React-Air sterilisation unit eliminates particles such as pathogens and pollen and is proven by FDA and CDC-approved laboratories to kill the SARS-CoV-2 virus. The latest update means that the units can now also handle CO2 monitoring, making it easier to manage and monitor air quality and ventilation levels ahead of the winter flu season and predicted spike in COVID-19 infections.

All React-Air units now feature the CO2 monitor and come with a user-friendly online cloud portal. This enables users to view live and historical air quality data, demonstrating business compliance with the latest HSE directive and ensuring building users remain safe.

Poor air quality poses the most significant environmental risk to public health with long-term exposure to air pollution linked to chronic conditions such as cardiovascular and respiratory diseases as well as lung cancer.

While the UK government has pledged to supply CO2 monitors to schools in the near future, units are not yet available around the country, making the React-Air unit an especially vital piece of kit.

As the only commercial air purifier and surface steriliser range to have been independently tested and proven effective against SARS Covid-19, with a kill rate of up to 93% within 15 minutes of operation, it will also send real-time alerts to the system administrator if levels of either CO2 or VOCs exceed set limits.

Reaction Group Technical Director Mike Holland-Porter said, "With HSE placing the legal emphasis on building managers to ensure that air quality is maintained at all times, we have given our React-Air sterilisation units an upgrade. Our smart system is easy to operate and provides an easy way to keep track of CO2 levels, ensuring air quality does not fall below required standards.

"With excellent monitoring and reporting capabilities, we expect this new functionality to be extremely useful for any indoor space including retail units, offices, hotels, fitness venues, healthcare settings and in the classroom."

To find out more, visit: 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.

Media Contact

Nikki Jones

Email: Nikki.jones@reactiongrp.com

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