

PRS

# UVC Solutions

## For Healthcare

Our proprietary technology is proven, via rigorous lab and live site testing, to eliminate airborne viruses, bacteria, and moulds in large indoor spaces.

Utilising PRS will ensure scrubbed air on every pass, allowing safe air recirculation within the building, significantly reducing HVAC energy consumption.

## Key Benefits

- ✓ Protects staff and patients
- ✓ Reduces all airborne infections
- ✓ Air recirculation is safe to use
- ✓ Higher staff productivity
- ✓ Energy efficient vs. 'fresh' air use
- ✓ Less use of polluted external air

**PATHOGEN  
REDUCTION SOLUTIONS**

## Contact Us

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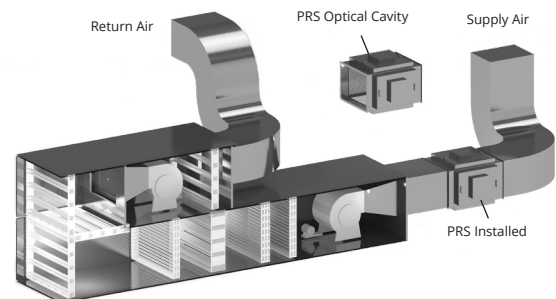


## How it Works

PRS works by 'killing' airborne pathogens as they pass through the optical cavity. It is highly adaptable and can be integrated into most HVAC configurations, depending on how air is currently treated, the amount of recirculation (if any) and the level of airflow between wards.

Whether installed in a specific ward or throughout the building, our technology will ensure that any airborne viral load, within that area, will be removed every time the air is exchanged.

We lead the world in UVC anti-pathogen efficacy, having proven our technology on multiple pathogens in stringent BSL3 laboratory and live site testing.





**PATHOGEN**  
REDUCTION SOLUTIONS

# Reduce Airborne Infection

PRS UVC technology ensures pathogen-free air within healthcare buildings, improving medical staff wellbeing and productivity, while encouraging better patient outcomes.



## Saves Lives

Our solutions tackle intra-ward airborne infections, caused by viruses, bacteria, and spores, ensuring better patient outcomes.



## Proven Efficacy

World-leading UVC technology is proven, via rigorous lab and live site testing, to remove airborne pathogens in air circulation.



## Reduced Spending

Safe air allows HVAC recirculation to be increased, ensuring less energy used for heating and cooling the building.



## Bespoke Design

Systems are designed and built to suit the specific air-handling requirements, and can be installed for both new build or retrofit.



**NHS**  
TESTED TECHNOLOGY

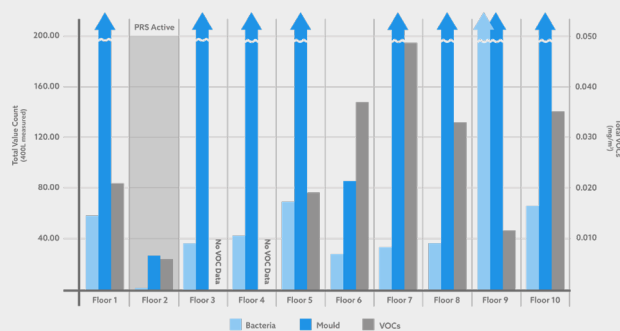
NHS testing conducted by Innovation Agency, for the University of Liverpool, has proven our efficacy. PRS surpassed the control technology by a factor of 10.



## Proven Performance

A pilot installation on the 2nd floor of Class A London office building allowed us to conduct comparative testing of floors without PRS in the same building.

Using a combination of petri dish analysis and air quality monitoring we were able to demonstrate the following highly compelling performance against bacteria, mould, and VOCs:



**INNOVATIVE BIOMANALYSIS**  
creating solutions | getting results

Live Virus Testing



UVC Safety Testing



Electrical Safety Testing

### Patents

Granted:

GB 2601361 B, GB 2614287 B, GB 2619499, GB 2633940

Applications:

EU Pending: 23730188.2, 22840285.5

US: App No: 18/254646, 18/723139, 18/870423