

Is your washroom a hazard?



Odours and infections are created by Bacteria, Viruses, Mould, Fungi and Volatile Organic Compounds in the air and on surfaces.

Washrooms accumulate high levels of harmful Bacteria and Viruses. With every flush, toilets and urinals force faecal Micro-organisms into the air settling on Washroom surfaces. Poor ventilation, shared facilities and people who do not wash their hands all add to the hygiene problem.

Regular cleaning, disinfecting alone and use of masking agents cannot control the spread of Micro-organisms. In eight hours, a single Bacteria cell can multiply to over 8 million meaning odours prevail and health risks increase.

With a washroom air purification solution from Air Steril you will

- Protect staff, visitors and other users
- Clear embarrassing odours
- Eliminate Bacteria and Viruses in the air and on surfaces
- Reduce chemical usage
- Eliminate the need for deodorants and perfumes
- Improve the image of your organisation

Hidden effects of Washroom Bacteria and Viruses:

Unpleasant Odours

- Visitors perceive poor hygiene, lack of care and poor management
- Higher cleaning costs and premature refurbishment
- Users avoid facilities

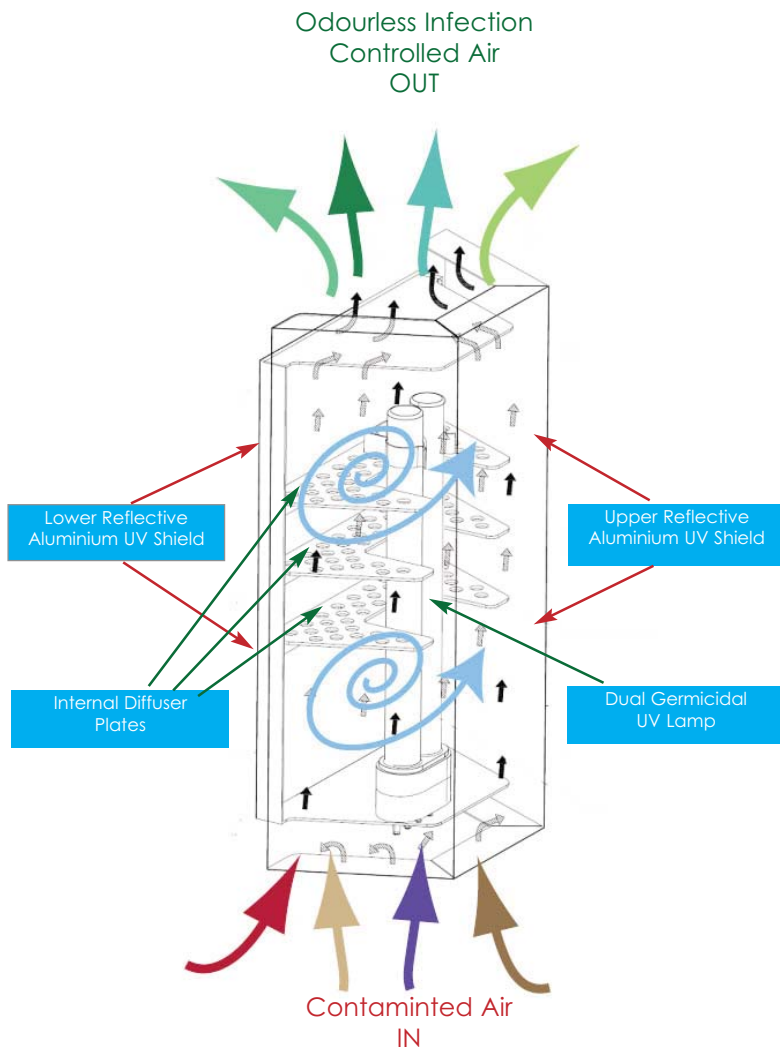
Health Risks

- Kidney Infections, Common Cold, Influenza, Food Poisoning, Hepatitis
- Poor personal hygiene moves risk outside washroom
- Increased absenteeism and staff turnover



HPA Porton Down labs proved that in one hour of continuous operation a standard Air Steril MP20 unit killed 98.11% of airborne contamination. The HPA concluded that these results demonstrated the effectiveness of the Air Steril technology.

Make your washroom less of a hazard!



How Does Air Steril Thermal Convection Work

The line drawing above shows the inner workings of an Air Steril Thermal unit

The Thermal U/V Washroom unit takes in contaminated air and purifies it using our unique system. The dual ultra-violet light operates at the peak UVC wavelengths :

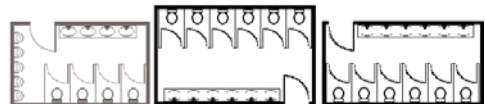
Creating germicidal irradiation, hydroxyl radicals, super-oxide ions, plasma quatro and optional Ozone.

Specialist thermal convection smoothly moves air through the unit, combined with the internal diffuser plates the speed and distribution of air over the dual lamp is controlled to increase exposure to the UV light providing maximum pathogen destruction both internal-ly and around the washroom environment.

Improving air quality in washrooms will clear odours and improve the healthcare of your staff and visitors. The Air Steril Thermal U/V Washroom range eliminates unpleasant Washroom Odours and controls harmful Bacteria and Viruses both in the air and on all exposed surfaces 24 hours a day, 365 days a year. Suitable for all Washrooms small or large, each unit offers a coverage of up to 30m², providing clean, fresh, sanitised air. With minimal maintenance and low consumption, they provide a green solution which improves the Washroom hygiene and environment for all users.

The advanced technology of the Thermal U/V unit allows the control of Bacteria, Viruses and Moulds both in the air and on surfaces more efficiently than ever before. All of this is achieved without fans and with very low energy consumption The custom designed Thermal convection system ensures that contaminated air processed through the unit achieves optimum *dwell time* in the purifying chamber. As the the processed air leaves the unit then in itself it becomes an efficient cleaning agent targeting pathogens both in the air and on surfaces.

The Thermal U/V Washroom unit can be set for all washroom sizes and usage levels:



High - For multiple user facilities up to 30m², medium to high traffic.



Medium - For multiple user facilities around 20m² with medium to low traffic.



Low - For single toilets with multiple service users or small facilities up to 10m² with low traffic.

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