



WASHROOM RANGE

BEAUTY IS ONLY SKIN DEEP,
IT'S WHAT'S INSIDE THAT COUNTS

PRODUCTS: WR20 // WR30 // WR30X // WR40X



AIRsteril[®]

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ELIMINATE ODOURS AND IMPROVE WASHROOM HYGIENE

GUARANTEED ODOUR ERADICATION & INFECTION CONTROL

- Reduces harmful viruses
- Circulates fresh clean air
- Breaks down unwanted bacteria
- Attacks odours at their source
- Removes unhealthy microbes from the air
- Makes your washroom smell freshly cleaned
- Maintains sanitized surfaces
- Stops mould and fungi growth
- Clears smelly compounds in the air 24/7



› WASHROOM PROBLEMS

In washrooms, odours and infections are created by bacteria, viruses, mould, fungi and volatile organic compounds in the air and on all exposed surfaces. Fragrances or masking agents do nothing towards hygiene and the health risks remain. Cleaning and disinfecting alone are only a partial solution and cannot stop ongoing surface contamination. Poor cleaning practices can make the problem worse, as contaminated mops or cloths distribute bacteria. In eight hours a single bacteria cell can multiply into over eight million, meaning odours prevail and health risks increase.

AIRsteril kills both surface and airborne bacteria and viruses. Its efficacy was certified to do this by the Health Protection Agency

| Area Size | 10m2 | 20m2 | 30m2 | 40m2 |
|--|------|------|------|----------|
| High footfall washroom up to 1,000 visits a day | WR10 | WR20 | WR30 | WRX30/40 |
| Extreme footfall washroom up to 10,000 visits a day | WR10 | WR20 | WR30 | WRX30/40 |

- Fan operation distributes throughout washroom
- Annual lamp change maintains performance
- Robust vandal resistant Aluminium casing
- Wall or ceiling mountable on four screws
- Quickly wired into fused spur
- No filters to change
- Guaranteed odour control

› ODOUR AND INFECTION CONTROL IN

- › Public Washrooms
- › High Footfall Washrooms
- › Commercial Washrooms

AIRsteril®

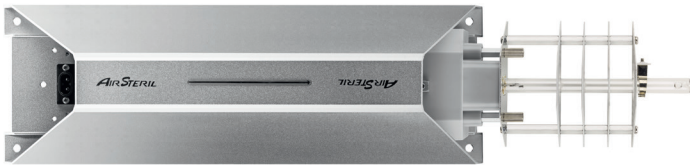
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THE MOST ADVANCED WASHROOM
TECHNOLOGY IN THE WORLD,
USED BY THE BEST PROFESSIONALS
IN THE BUSINESS



› SERVICING MADE EASY

Power must be disconnected before attempting any servicing and only undertaken by a competent individual. All AIRsteril partners have fully trained engineers to carry out all servicing work.

The hull always remains permanently in place (wall or ceiling mounted). Servicing can be carried out at ground level by removal of the internal cartridge.

Lamps must be changed on an annual basis to maintain performance.

› HOW OUR WASHROOM SYSTEM WORKS

The AIRsteril washroom units utilise our unique combination of 5 technologies. They eliminate unpleasant washroom odours and control harmful bacteria and viruses both in the air and on all exposed surfaces 24 hours a day, 365 days of the year.

The number on the unit signifies the floor coverage area – a WR20 covers 20m² / WR30 - 30m², the X versions are for use in extreme odour areas and cover an area of 30m² or 40m². The 13w or 14w low energy units provide constant clean, fresh sanitised washroom air. With no filters to change, and minimal maintenance, they provide a green solution that provides the washroom hygiene and environment for all users.

ODOUR ELIMINATION GUARANTEED

*Conditions Apply



TECHNICAL DETAILS

WR Unit Dimensions

448mm (l) x 140mm (w) x 100mm (d) - WR20 // WR30
470mm (l) x 140mm (w) x 100mm (d) - WR30X // WR40X

Power Supply

220-230V 13 watts (via 13a switched fused spur) - WR20 // WR30
220-230V 14 watts (via 13a switched fused spur) - WR30X // WR40X

Set Up

Wall or ceiling mounting. Easy marking and fixing at four points.

Construction

Anodised aluminium, solid extrusion.

Weight

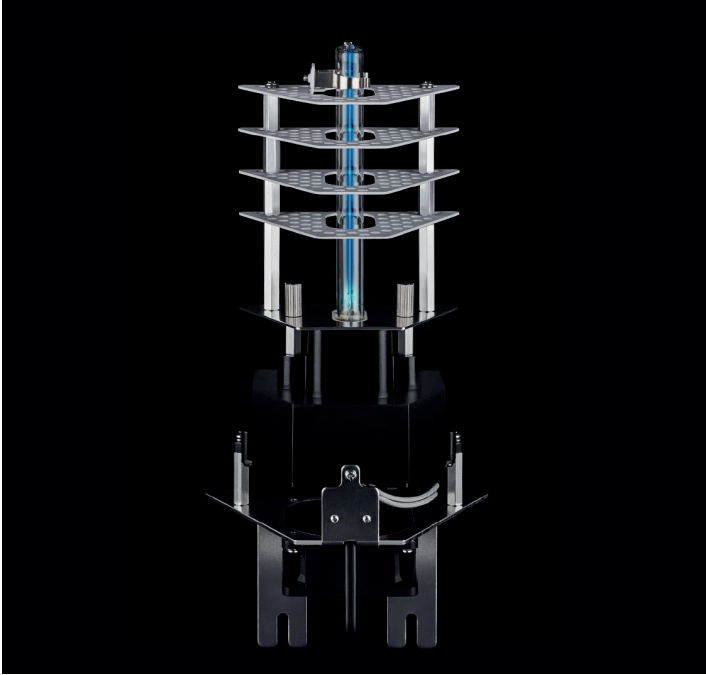
15 kg

Operation

Continuous, indicated by blue lamp. Requires annual lamp change.



PHOTO CATALYTIC OXIDIZATION POWERPACK UNIQUE TO AIRSTERIL



› OPERATION AND SAFETY

The unique balance of technology used by AIRsteril has been tried, tested and refined over many years to ensure the best achievable results with every unit is supplied.

- Due to the unit design, UV light cannot escape the unit from any angle making it completely safe.
- Ozone levels used are substantially below the most stringent emissions regulations around the world.
- All electrical connections enter at the rear so are completely shielded once mounted and the fan is behind a two-part end cap ensuring it cannot be accessed, halting potential injury.

For more information or to book an air quality check call:

PHONE NUMBER



01234 871875

› HOW AIRSTERIL TECHNOLOGY WORKS

A combination of technologies working together:

Internal

- **Germicidal Irradiation** by dual UV light (Ultraviolet) kills microorganisms (bacteria, viruses and mould) by disrupting their DNA and removing their reproductive capabilities.
- **PCO – Photocatalytic Oxidation.** UV reacts with our Catalyst (TiO₂) to form highly reactive but short lived oxidising Hydroxyl Radicals (OH) which break down Volatile Organic Compounds (VOCs).
- Interaction of the Dual waveband UV with the TiO₂ heterogeneous catalyst both creates and breaks down Oxygen molecules transforming Oxygen into a highly reactive states of Ozone and Superoxide Ions which leave the unit as "Plasma Quatro".

Transmitted Technology

- The negatively charged **Superoxide Ions** charge airborne contaminates causing them to cluster together and fall from the air as they become too heavy, aiding all other processes. This can remove airborne particulates down to 0.0001 micron, that's better than any HEPA filter.
- **Targeted Ozone** produced via the specialist lamp gets the hardest to the hardest to reach areas breaking down contamination in the air and on exposed surfaces. Ozone damages the cell wall of microorganisms stopping reproduction and destroying the cell.



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