



WASHROOM THERMAL RANGE

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

PRODUCTS: WT10W // WT20W // WT30W - WHITE FINISH
WT10T // WT20T // WT30T - TITANIUM LOOK



2468
YOU CAN COUNT ON US



ELIMINATE ODOURS AND IMPROVE WASHROOM HYGIENE

SURFACE TO AIR, AIRSTERIL TAKES CARE

- 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 UK Health Protection Agency laboratories.

Area Size	10m2	20m2	30m2
Low/medium footfall washrooms	WT10	WT20	WT30

Washrooms are a primary source of infections including: salmonella, e.coli, rhinovirus, norovirus, influenza, pneumonia, hepatitis A, hepatitis E and clostridium difficile. Many of us have our immune systems compromised at certain times meaning we are at a higher risk.

› ODOUR AND INFECTION CONTROL IN

- › Office Washrooms
- › Factory Washrooms
- › Accessible Washrooms
- › Baby Change Facilities
- › Sluice Rooms

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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 front cover is easily removed by taking out two screws, then the lamp can be replaced by a simple push in connection. Any dust should also be cleared from the unit. 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 custom designed thermal convection system ensures that contaminated air processed through the unit achieves optimum dwell time in the purifying chamber. As the processed air leaves the unit, it then itself becomes an efficient cleaning agent. The 2 number in the unit code signifies the floor coverage area - an WT10 covers 10m and an WT30 covers 30m². With minimal maintenance and low energy consumption of 10w, the units provide constant clean, fresh sanitised washroom air. With no filters to change, and minimal maintenance, they provide a green solution lifting washroom hygiene for all users.

ODOUR ELIMINATION GUARANTEED

*Conditions Apply



TECHNICAL DETAILS

WT Unit Dimensions

400mm (l) x 125mm (w) x 90mm (d)

Power Supply

220-230V 10 watts (via 13a switched fused spur)

Set Up

Vertical wall mounting only. Easy marking and fixing at four points.

Construction

Polycarbonate Moulding. Available in white or titanium look finish.

Weight

0.9kg

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 meaning it is completely safe.
- Ozone levels used are substantially below the most stringent emissions regulations in the world.
- All electrical connections enter the unit via a single insulated cable and are completely shielded internally by the cover.
- No fan is used in this unit, making it completely silent.

› 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.

