



AIRsteril™

MULTIPURPOSE RANGE

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

PRODUCTS: MP100

 **uvsafe**
Managing Biosafety

MULTIPURPOSE RANGE

MP100



CLEAR EMBARRASSING ODOURS QUICKLY TO KEEP ALL ROOMS CLEAN, FRESH AND IN FULL WORKING ORDER

REMOVE ODOURS, CONTROL INFECTION & IMPROVE HYGIENE

- Reduces harmful viruses
- Breaks down unwanted bacteria
- Quickly clear odours
- Cleans into fabrics and furnishings
- Stops mould and fungi growth
- Treat multiple areas with a single unit
- No chemical residue or moisture after treatment
- Area can be put back to full use within minutes
- Low maintenance, clean and lamp change once a year



ODOUR PROBLEMS

Unpleasant lingering odours can leave some rooms unusable or create a negative impression which affects your company image and customer feedback. Attempting to mask odours with fragrances can make the area even more unpleasant.

Many odours are created from microorganisms, musty odours can indicate mould whereas unpleasant stale odours may be a warning sign of high level of bacteria. Traditional cleaning and disinfecting will not eliminate odours, you cannot clean the air itself and even simple odours from food, illness or smoke can remain in an area for days if untreated. Methods such as fogging can increase damp issues or leave chemical residue, often meaning areas cannot be occupied for several hours.

The MP100 unit offers a rapid, mobile solution to odour issues, with many odours cleared in minutes.

*Odours engrained in fabric/furnishing will require longer or repeated treatments to clear. Contact us for a specific guide.

BENEFITS OF USING AIRSTERIL MP100

- > Rapidly clear embarrassing odours from smoke, food, illness, incontinence, damp and mould
- > Perfect for a wide variety of unoccupied areas
- > Hotels—bedrooms, conference rooms
- > Offices—meeting rooms, break rooms, cafeteria
- > Healthcare—communal areas, smoking rooms
- > Gyms—studios, changing areas, washroom

| Guideline Treatment Times To Clear | 20m2 |
|---------------------------------------|------------|
| Body odour / stale air | 15 minutes |
| Mild smoke odours / food odours | 30 minutes |
| Sickness odours / incontinence odours | 1 hour |
| Strong persistent odours* | 4 hours+ |

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RAPID ODOUR CLEARANCE IN UNOCCUPIED AREAS TO MAINTAIN A PROFESSIONAL ENVIRONMENT, AND ENSURE POSITIVE REVIEWS FROM ALL.



SERVICING AND MAINTENANCE

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 MP cover is easily removed by taking out four screws from the cover, then the two finger screws removed from the lamp housing plate to allow lamp replacement. Any dust or debris build up should be cleared from the interior. Lamps must be changed on an annual basis to maintain performance.

HOW OUR MULTIPURPOSE SYSTEM WORKS

All AIRsteril units utilise our unique combination of 5 technologies. They eliminate unpleasant odour and control harmful bacteria and viruses 24 hours a day, 365 days of the year. The MP100 is designed for rapid odour clearance and microbial reduction. Its portable design allows quick freshen each room as part of the cleaning cycle.

Due to its high power each room should be unoccupied during treatment as it would be unpleasant to remain in the area. Once treatment is over the unit should be switched off and allow natural ventilation for 15-20 minutes to ensure the environment is now pleasant to occupy and all odours are eliminated. Units should be mounted as high as practical for best operation, the higher the unit, the faster odours will be cleared.

ODOUR ELIMINATION GUARANTEED

*Conditions Apply

TECHNICAL DETAILS

| | |
|---|--|
| Multipurpose Unit Dimensions | Construction |
| 750mm(L)x130mm(W)x100mm(D) | Anodised aluminium, solid extrusion. |
| Power Supply | Weight |
| 200-230v 13 watts | 3.4kg |
| Set Up | Operation |
| Usually free standing as high as possible for maximum dispersal and quickest effect. Can also be wall or ceiling mounted if required. | As required for odour clearance, or continuous use for areas over 100m ² . Requires annual lamp change. |

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PHOTO CATALYTIC OXIDIZATION POWERPACK UNIQUE TO AIRSTERIL



OPERATION AND SAFETY

The unique balance to 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 worldwide
- > The fan is shielded behind a protective end cap to avoid Potential injury
- > Power via a plug and push connector allows installation without loose cables and easy connection to existing sockets

FOR MORE INFORMATION OR TO BOOK AN AIR QUALITY CHECK CALL:

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Website: www.uv-safe.co.uk

HOW AIRSTERIL TECHNOLOGY WORKS

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 out 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** change 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 area 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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