



# MOBILE RAPID DECONTAMINATION INFECTION AND ODOURS

PUT YOUR FACILITIES BACK INTO ACTION SMELLING  
FRESH AND CLEAN

In enclosed spaces, airborne micro-organisms create offensive odours, spread infections and compromise hygiene standards. Traditional cleaning methods and masking agents are not enough. After cleaning, once a facility is re-used harmful micro-organisms return and grow at a rapid rate. Odours prevail and the health risks increase.

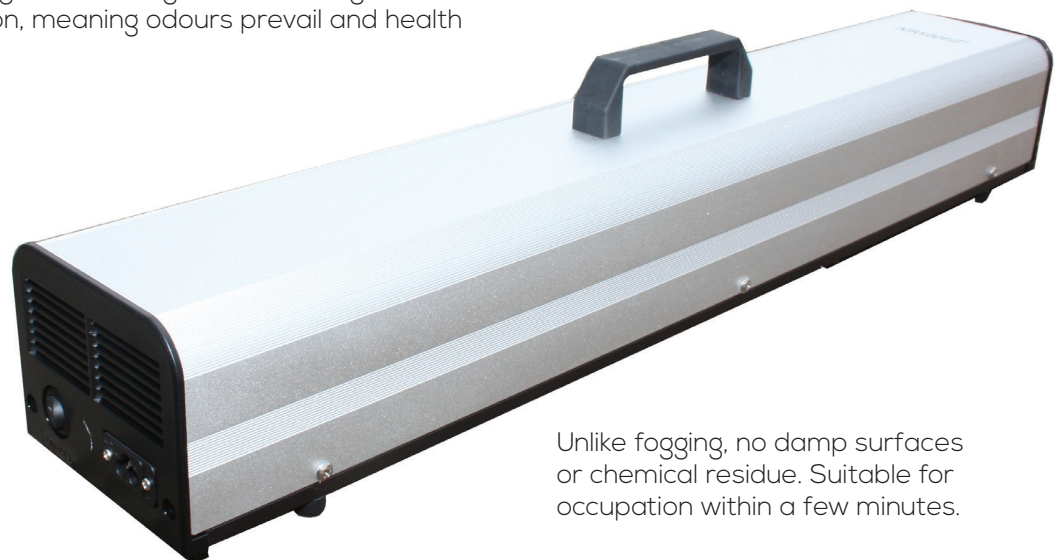
Odours and infections are created by bacteria, viruses, mould, fungi and volatile organic compounds found in the air and on surfaces.

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.

Airsteril uses 5 technologies proven to kill up to 98.11 of airborne bacteria within five minutes of exposure and up to 59.47% of surface bacteria and viruses within one hour. Tests included MRSA. Full Health Protection Agency Report available FOC on request.

## PERFECT FOR USE IN

- **Medical Decontamination**
- **Tobacco Smoke Decontamination**
- **Heavy Odour Elimination**
- **Flood and Fire Damage**
- **Mould Elimination**
- **Vehicle Decontamination  
Commercial & Domestic**



Unlike fogging, no damp surfaces or chemical residue. Suitable for occupation within a few minutes.

## BENEFITS BY USING AIRSTERIL



- **Speedy removal of odours by treating the root cause**
- **Eliminate bacteria and viruses in the air and on all exposed surfaces**
- **Destroys mould and fungi**
- **No chemical or moisture residues after treatment**
- **Areas can be put back into full use within ten minutes of treatment**
- **Low maintenance clean and lamp change once a year**

In September 2009 the Health Protection Agency's laboratories at Porton Down performed efficacy testing of the Airsteril MP20 Unit's ability to reduce aerosol and surface microbial contamination.

The tests showed a reduction of airborne microorganisms of up to 98.11% within five minutes of exposure and a reduction of surface contamination up to 59.47% in one hour - the surface tests included MRSA.

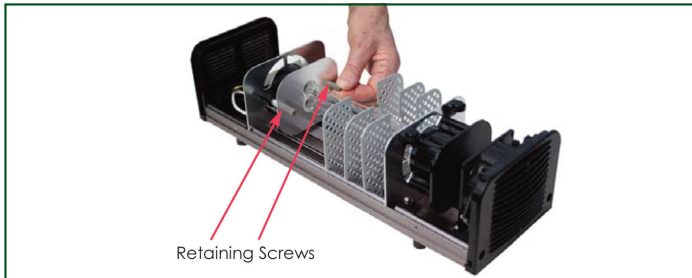
The full HPA report is available free of charge on request.

## HOW OUR MULTIFLEX SYSTEMS WORK

The MP100 is the most powerful unit in the MP/MF range. It is designed for short term shock treatment or decontamination operation in spaces up to 100m<sup>2</sup>. It is also portable, allowing temporary installation for tackling occasional contamination and odour problems. Using the MP100 portable for a short shock treatment of up to 40 minutes is usually enough to ensure a room is left fresh and clean. Longer periods of up to 8 hours or overnight may be needed for serious, well entrenched contamination. The room should not be occupied while the decontamination treatment takes place.

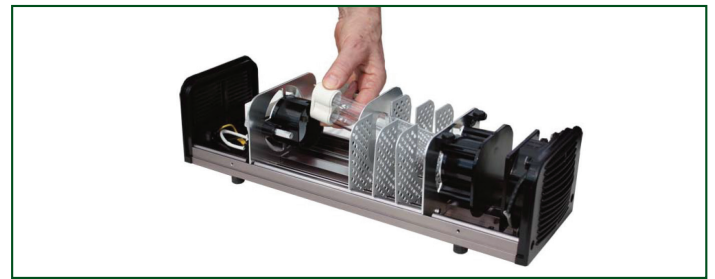
The MP100 portable can also be used as part of a regular cleaning regime where, for example, as each room is cleaned the MP100 is moved in for as long as it takes to clean the next room (usually about 20 minutes) and so on.

## SERVICING MADE EASY



- Take the new lamp and place it inside the holding plate
- Whilst holding the lamp's white base, firmly plug the lamp into its fitment
- Now place the metal holding plate back into position and secure with the two fingerscrews
- Fit the cover, tighten the screws and attach the unit back in its placement
- Turn on the power. The lamp's blue light will be visible through the front of the unit.
- DO NOT LOOK DIRECTLY INTO THE LAMP

- Turn off the power, unplug the unit and remove from its placement
- Gently remove the cover to reveal the dual lamp and its fitment
- Unscrew and remove the two retaining finger screws as shown
- Gently unplug the old lamp and retain any holding plate
- With a soft brush remove and dust and debris
- DO NOT USE ANY CLEANING PRODUCTS



<b>Dimensions</b>
130mm (w) x 100mm (h) x 750mm (l)
<b>Construction</b>
Anodised aluminium, solid extrusion
<b>Power Supply</b>
100 - 220V 55 watts (via 13A switched fuse spur)
<b>Weight</b>
3.4kg
<b>Set Up</b>
Wall mounted at 4 points, easy access or portable using in-built top cover handle
<b>UV-C Lamp</b>
1 x 36w PLL tube at 25,000 uw per sq cm. Lamp life 8000 hours
<b>Operation</b>
Continuous for up to 100 m <sup>2</sup> coverage or short power blasts in heavy contamination

An Airsteril unit takes in contaminated air and purifies it using a unique combination of 5 technologies working in tandem:

**Internal** – (UV) Germicidal Irradiation and Dual Wavebands work to eliminate micro-organisms

**Transmitting** – Plasma Quatro, (TIO<sup>2</sup>) Super Oxide Ions and Triatomic Oxide actively seek and eliminate bacteria, viruses, mould, fungi and volatile organic compounds in the air and on all surfaces.

**WARNING: DO NOT USE IN OCCUPIED AREAS**

**Odour Elimination Guaranteed**

\* Conditions Apply



For more information or to book an air quality check call: **0845 372 1922**

Airscience Technology International Ltd, Unit 23, High Barns Farm, Roxton, Bedfordshire, MK44 3ET, UK

**T:** 0845 372 1922 | **F:** 01234 420170 | **E:** info@airsteril.co.uk | **W:** www.airsteril.co.uk



The Complete Air Purification Solution

**AIRsteril**<sup>®</sup>