



# CONTINUOUS DISINFECTION OF UPPER ROOM AIR.

KEEP YOUR FACILITIES HEALTHIER AND FRESHER ALL YEAR ROUND.

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.

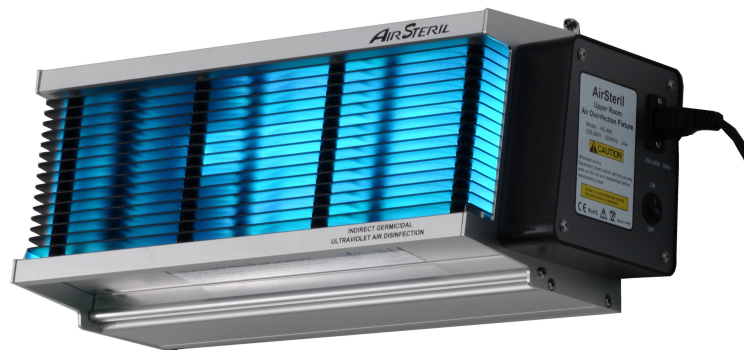
Odours and infections are created by bacteria, viruses, mould, fungi and volatile organic compounds found in the air and on surfaces.

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.

Utilizing ultraviolet lamp technology, the AirGuardian UR products kill up to 99.9% of airborne bacteria and viruses, black mold and fungal growth. Reduce odours and respiratory allergens and reduce airborne transmission of influenza, colds, and viruses.

## PERFECT FOR USE IN

- Medical Suites
- Laboratories
- Food/Dairy Processing
- Nursing Homes
- Hospitals
- Conference Rooms



Disinfects air in seconds, reducing the risk of cross infection and exposure of occupants to infectious airborne microbes.

## BENEFITS OF USING AirGuardian



- Works quickly
- Eliminate bacteria and viruses in the air and on all exposed surfaces
- Destroys mould and fungi
- No chemical or moisture residues after treatment
- Works continuously
- Low maintenance clean and lamp change once a year

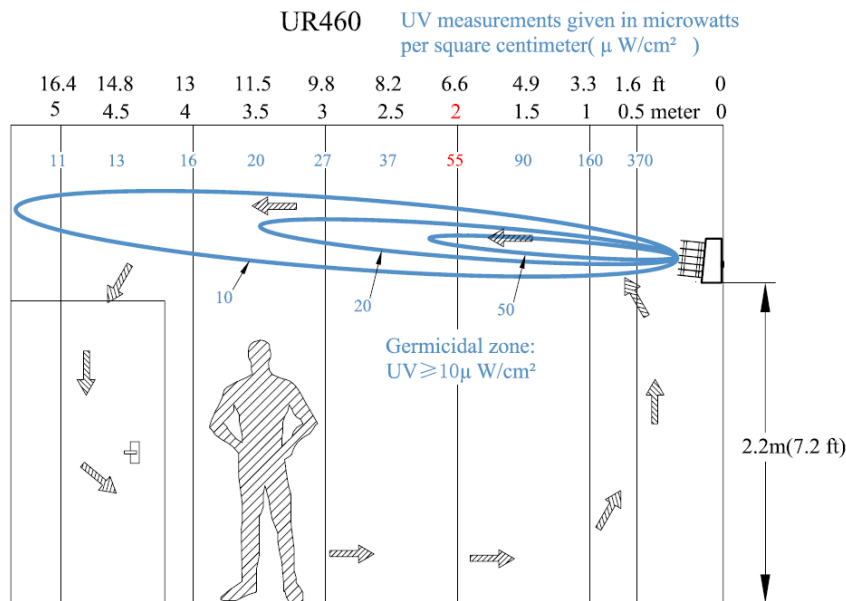
SGS laboratories performed efficacy testing of the UR models ability to improve air quality by reducing bacterial count.

The tests showed a reduction in bacterial count of 99.84% after 7 hours.

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

## HOW OUR UR SYSTEMS WORK

1. Ultraviolet rays project across the upper room air.
2. Bacteria and viruses that are carried into the ultraviolet field by convection currents/air circulation are destroyed.
3. The air in the room is continuously being purified.



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| <b>Dimensions</b>  |
| 460mm (L) x 186mm (W) x 186mm (D)  |
| <b>Construction</b>  |
| Anodised aluminium, solid extrusion with twin reflector.   |
| <b>Power Supply</b>  |
| 230 - 240V 30 watts  |
| <b>Weight</b>  |
| 5kg  |
| <b>Set Up</b>  |
| Wall mount at minimum height 2.2 M   |
| <b>UV-C Lamp</b>   |
| 1 x 30w PLL tube. Lamp life 9000 hours   |
| <b>Operation</b>   |
| Continuous for up to 90 m <sup>2</sup> coverage. For sensitive areas such as infection wards 30 m <sup>2</sup> . |

Inactivation of airborne Influenza virus requires UV dose of 3400 microwatt seconds per square centimeter. In a typical 2 meter distance from the UR in the ultraviolet irradiation zone, one minute irradiation time would be needed to inactivate the influenza virus.

**Germicidal lamps provide effective protection against microorganisms. Can also be provided with triatomic oxygen for odour control.**

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The Complete Air Purification Solution

**AirGuardian**