

UVGI RANGE UPPER AIR

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

PRODUCTS: UVGI



AIRsteril[®]

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**POSITIVE INFECTION CONTROL CAN SERIOUSLY
 BENEFIT YOUR ORGANISATION**

**IN ENCLOSED SPACES, INFECTIONS
 ARE SPREAD BY BACTERIA, VIRUSES,
 MOULD AND FUNGI IN BOTH THE AIR
 AND ON SURFACES.**

An AIRsteril Upper Room unit uses Thermal convection to draw air into the zone of rays generated by the special louvered / shielded UV lamp and the parabolic reflectors inside the unit.



› INFECTION CONTROL

Outbreaks of infections can happen anywhere from hospitals, schools and care homes to cruise ships, airports and the work place. They pose a serious threat to the health of people and organisations. They can occur at any time so all organisations must maintain the highest hygiene standards to protect staff, patients, customers and visitors.

AIRsteril gets to the root cause of the problem by controlling bacteria, viruses and mould, clearing allergens to improve the air quality.

› BENEFITS OF USING AIRSTERIL UVGI UPPER AIR

Control bacteria and viruses, Improve infection control and hygiene standards, Reduce cross infection, Reduce absenteeism.

› PERFECT FOR USE IN

- > Hospitals
- > Care Homes
- > Consulting Rooms
- > Workplaces

Area Size	35m ²	50m ²
High levels of infection control	UVGI	
General infection control		UVGI

- > Reduce cross infection in medical facilities
- > Reduce absenteeism and labour costs
- > Improve and increase occupancy rates



THE MOST ADVANCED BACTERIA CONTROL TECHNOLOGY OF ITS KIND, USED BY THE BEST PROFESSIONALS IN THE BUSINESS

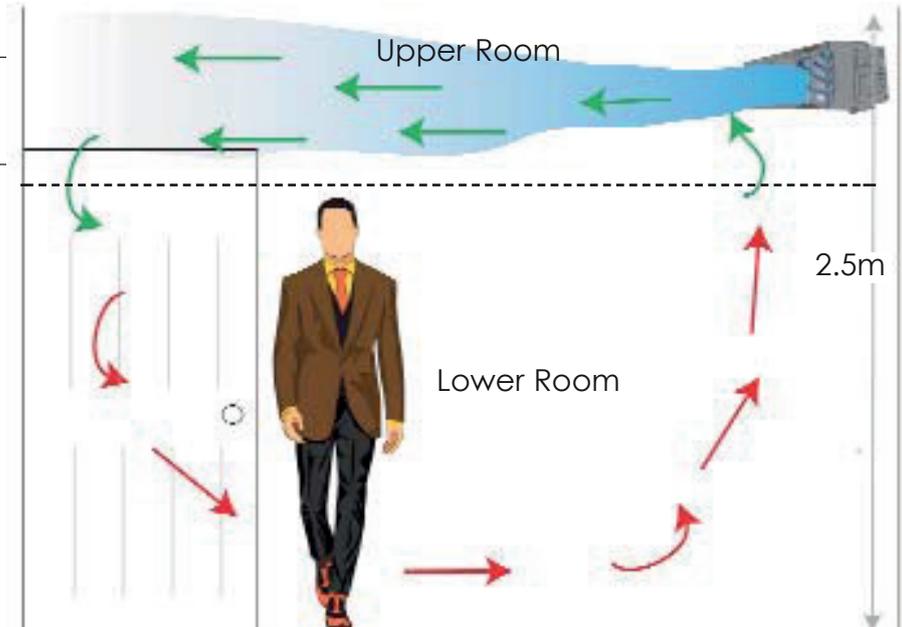
› HOW OUR SYSTEM WORKS

UVGI units utilise 254 nm Germicidal Irradiation, which kills microorganisms (bacteria, viruses and mould) by disrupting their DNA and removing their reproductive capabilities.

Cleaned air is distributed by thermal convection throughout the area to control harmful bacteria and viruses 24 hours a day, 365 days a year.

Designed for controlling infections in occupied rooms, the Ultraviolet Germicidal Irradiation unit kills up to 99.9% of airborne bacteria, viruses, mould and fungi.

Wall-mounted at ceiling level with its parabolic reflectors and louvers confining the germicidal irradiation to the area above the room occupants' heads (upper room). Ideal for any enclosed space where infection control is required such as hospitals, schools, offices, food processing plants, GP waiting rooms and care homes.



› 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 supplied.

- Installing the UVGI product at the correct height and location is essential to ensure direct exposure to the UV light is not possible, reflected blue light is completely safe.
- Power via a plug with an inline switch allows flexible installation and easy connection to existing sockets.

TECHNICAL DETAILS

Air Silent Unit Dimensions

460mm (l) x 186mm (w) x 186mm (d) - UVGI

Power Supply

220 - 240V 24 watts (via 13A wall plug or switched fused spur) - UVGI

Set Up

Wall mounted at least 2.2m above floor level.

Construction

Anodised aluminium extrusion.

Weight

5.0kg - UVGI

Operation

Continuous indicated by blue lamp. Requires annual lamp change.



› 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 Ultra Violet Germicidal Irradiation range units require a lamp change and internal clean to maintain performance.



Aluminum Extrusion Construction

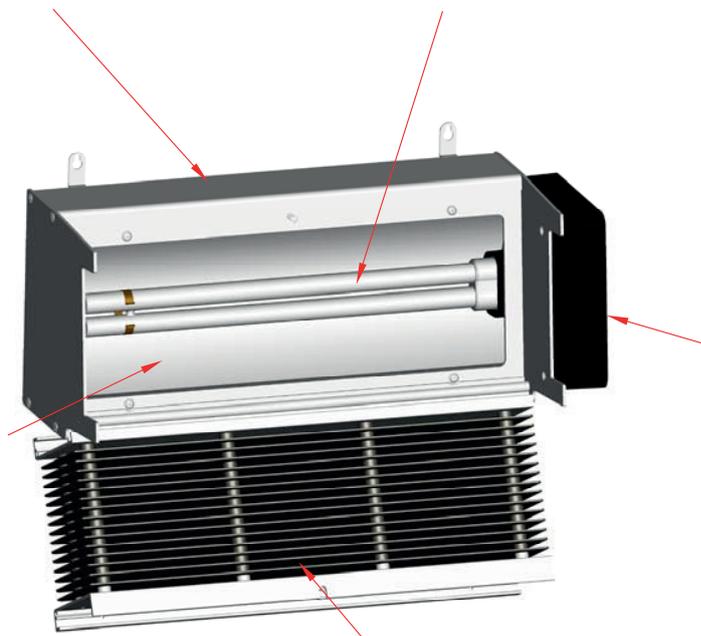
The unit is manufactured in solid anodized aluminum extrusion for unparalleled strength, durability and an attractive finish.

High quality tube PLL germicidal lamp

Lamp is rapid starting and provides the utmost in quality, sustained output and longevity.

Polished Reflector

Interior surface includes a special twin focus polished reflector which provides a highly reflective surface to maximize ultraviolet intensity.



Louvers

Unique construction directs ultraviolet rays to the upper portion of the room

DigiTronix Electronic Smart Ballast

UL and ENEC listed state-of-the-art high power factor electronic ballasts with 120-277V input are designed to operate ultraviolet lamps. The Smart ballast offers these advantages over conventional ballasts:

- Class P No PCB's
- delivers higher uv lamp output
- preheat soft start low inrush
- eliminates stroboscopic effect
- small and lightweight
- operates cooler for longer life
- saves energy through higher efficiency and provides silent operation

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