

MODEL OPTIONS

WASHROOM THERMAL

WT10W / WT20W / WT30W /
WT10T / WT20T / WT30T

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.

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

TECHNICAL DETAILS

DIMENSIONS //

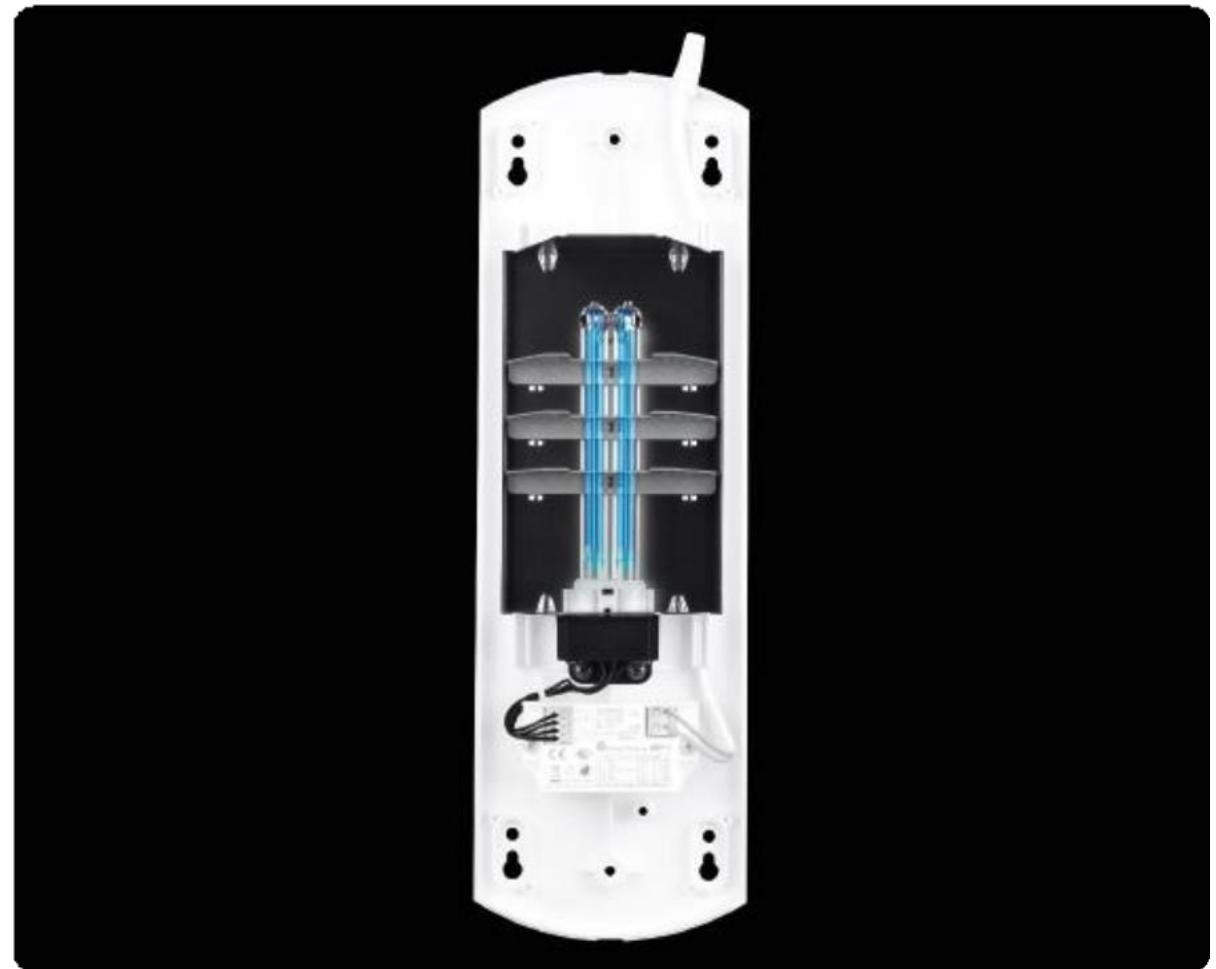
400mm (l) x 125mm (w) x 90mm (d)

POWER SUPPLY //

110 - 120V - 10 watts

CONSTRUCTION //

Polycarbonate Moulding. Available in white or titanium look finish. extrusion.



WEIGHT //

0.9kg

OPERATION //

Continuous, indicated by blue lamp. Requires annual lamp change.

SET UP //

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

MODEL OPTIONS

AIR SILENT

AS10 / AS10X /
AS20 / AS20X / AS20M

Improve the air quality and eliminate all odours from incontinence and medical conditions. Improve the healthcare of care home residents, staff and visitors alike. The AS are completely silent using our unique thermal UV to eliminate unpleasant odours and control harmful bacteria and viruses both in the air and on all exposed surfaces 24 hours a day, 365 days a year.

Air Silent units are completely safe for use in an area of continuous occupation such as care home bedrooms. Poor ventilation, incontinence and medical conditions create bacteria, and in many cases even regular cleaning and disinfecting are simply not enough. The addition of masking agents can make odours worse and do nothing to control the spread of microorganisms.

AIRsteril gets to the root cause of the problem by controlling bacteria, viruses and mould, clearing allergens to improve the air quality. Unpleasant odours are also eliminated creating a more pleasant environment for all.

PERFECT FOR USE IN ▾

- Residential care homes
- Hospital bedrooms
- Waiting rooms
- Consulting rooms
- Dentist decontamination rooms

BENEFITS OF USING AIRSTERIL ▾

- Clear embarrassing odours and eliminate masking agents
- Control bacteria and viruses in the air and on all exposed surfaces
- Improve infection control and hygiene standards
- Reduce absenteeism and labour costs



TECHNICAL DETAILS

DIMENSIONS //

285mm (l) x 185mm (w) x 95mm (d) – AS10 // AS10X
345mm (l) x 185mm (w) x 95mm (d) – AS20 // AS20X // AS20M

POWER SUPPLY //

110 - 120V - 15 watts – AS10 // AS10X
110 - 120V - 18 watts – AS20 // AS20X // AS20M

CONSTRUCTION //

Anodised aluminium extrusion.



WEIGHT //

1.5kg – AS10 // AS10X
1.6kg – AS20 // AS20X // AS20M

OPERATION //

Continuous, indicated by blue lamp. Requires annual lamp change.

SET UP //

Wall mounted on bracket supplied. Easy for marking two fixed points.



MODEL OPTIONS

WASHROOM COMPLETE

WC20 / WC30 / WC30X / WC40X

Designed to have the highest odour and micro-organism control capabilities of any AIRsteril product in a washroom environment, with the lowest possible power consumption. The vandal resistant Washroom Complete range has the flexibility to offer protection for facilities of all sizes.

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. AIRsteril kills both surface and airborne bacteria and viruses. Its efficacy was certified to do this by the Health Protection Agency.

- Fan operation distributes throughout washroom
- Annual lamp change maintains performance
- Robust vandal resistant
- Aluminium casing Wall or ceiling mountable on four screws
- Quickly wired into fused spur
- No filters to change
- Guaranteed odour control

ODOUR AND INFECTION CONTROL IN ▾

- Public Washrooms
- High Footfall Washrooms
- Commercial Washrooms



TECHNICAL DETAILS

DIMENSIONS //

420mm (l) x 140mm (w) x 95mm (d)

POWER SUPPLY //

110 - 120V - 11.5-13 watts

CONSTRUCTION //

Anodised aluminium, solid extrusion.



WEIGHT //

1.5 kg

OPERATION //

Continuous, indicated by blue lamp. Requires annual lamp change.

SET UP //

Wall or ceiling mounting. Easy marking and fixing at four points





MODEL OPTIONS

ULTRA CARE

UC10 / UC20 / UC30 / UC40 / UC50

In enclosed spaces, lingering unpleasant odours are an embarrassing problem. Airborne microorganisms create offensive odours, spread infections and compromise hygiene standards, bacteria breed so quickly they cannot be cleared with traditional cleaning. Masking odours can create a more unpleasant environment.

AIRsteril constantly kills both bacteria and viruses destroying unpleasant odours and unhealthy volatile organic compounds. Its technology has been tested by multiple laboratories.

Designed to have the highest micro-organism control capabilities, combined with greater flexibility for alternative environments, servicing reminder system and low power consumption.

Ultra range units have achieved UL and CARB certification in North America alongside CE and UKCA marking.

- Fan operation distributes purified air throughout
- Indicator shows when annual lamp change due
- Flexible use, wall or ceiling mounted, or portable
- Easily plugged in or hardwired
- No filters to change

ODOUR AND INFECTION CONTROL ▾

The Ultra range can be operated in all internal environments 24/7. The wide selection of specialist AIRsteril UV lamps allow the flexibility to protect the smallest office area or eliminate odours and elevate hygiene in the largest commercial washrooms.

TECHNICAL DETAILS

DIMENSIONS //

390mm (l) x 136mm (w) x 94.5mm (d)

POWER SUPPLY //

110 - 120V - 22 watts

CONSTRUCTION //

Polycarbonate body



WEIGHT //

1.5kg

OPERATION //

Continuous, indicated by blue lamp. Requires annual lamp/battery change.

SET UP //

Wall or ceiling mounting. Easy marking and fixing at three points.



MODEL OPTIONS

PROTECT AIR

PA10 / PA20 / PA30 / PA40 / PA60



Maintaining a clean and healthy internal environment can be a constant challenge. Unpleasant odours or stale air may be a source of embarrassment but the biggest health risks are often overlooked. Odours can be a sign of high bacteria or VOC levels. The risk of illness passing between individuals is present in any shared space, this is elevated by the number of people or lack of fresh air.

AIRsteril technology removes odours, ensuring fresh clean air and constantly reduces unhealthy microbes and compounds.

The ProtectAIR range is the most advanced and flexible AIRsteril product available. As a free standing unit, the ProtectAIR can be easily placed centrally (on a desk/table/counter or shelf) and instantly gets to work to clear odours and protect you from microorganisms and contaminants.

Simple LCD touch panel for all controls. Easily change the quantity of air processed through the internal cleaning chamber with 6 fan speed options ranging from silent operation to 4100rpm. Timer options allow continuous operation or auto switch off after 2, 4, 8, 12, 16 or 24hrs.

ODOUR AND INFECTION CONTROL IN

- Offices
- Receptions
- Domestic
- Waiting areas
- Consulting rooms
- Bedrooms

TECHNICAL DETAILS

DIMENSIONS //

670mm (l) x 160mm (w) x 160mm (d)

POWER SUPPLY //

110 - 120V - 30 watts

CONSTRUCTION //

All anodized aluminium structure with polycarbonate covers and base.



WEIGHT //

2.2 kg

OPERATION //

17W specialist UV lamp with alternative options for different room sizes. Adjustable fan and unit timer.

SET UP //

Designed to operate standing on a desk, tabletop or shelf





MODEL OPTIONS

MULTIFLEX

MF20 / MF40 / MF60 / MF80

In enclosed spaces, lingering unpleasant odours are an embarrassing problem. Airborne microorganisms create offensive odours, spread infections and compromise hygiene standards, bacteria breed so quickly they cannot be cleared with traditional cleaning. Masking odours can create a more unpleasant environment.

The Multiflex range is completely safe for use in areas of continuous occupation.

- Fan operation distributes cleaning air
- Annual lamp change maintains performance
- Robust vandal resistant Aluminium casing
- Wall or ceiling mountable on four screws
- Plug in or quickly wired into fused spur

PERFECT FOR USE IN

- Changing rooms - gymnasiums, offices
- Kitchens and food preparation areas
- Care homes - lounges, corridors, receptions
- Waiting rooms
- Open plan offices
- Nurseries

TECHNICAL DETAILS

DIMENSIONS //

430mm (l) x 130mm (w) x 100mm (d)

POWER SUPPLY //

110 - 120V - 33 watts

CONSTRUCTION //

Anodised aluminium extrusion.



WEIGHT //

2.4 kg

OPERATION //

Continuous, indicated by blue lamp. Requires annual lamp change.

SET UP //

Wall or ceiling mounting. Easy marking and fixing at four points.





MODEL OPTION

MULTI PURPOSE

MP 100

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 levels 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 residues, 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.

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 room, cafeteria
- Healthcare – communal areas, smoking rooms
- Gyms – studios, changing areas, washrooms

TECHNICAL DETAILS

DIMENSIONS //

750mm (l) x 130mm (w) x 100mm (d)

POWER SUPPLY //

110 - 120V - 38 watts

CONSTRUCTION //

Anodised aluminium, solid extrusion.



WEIGHT //

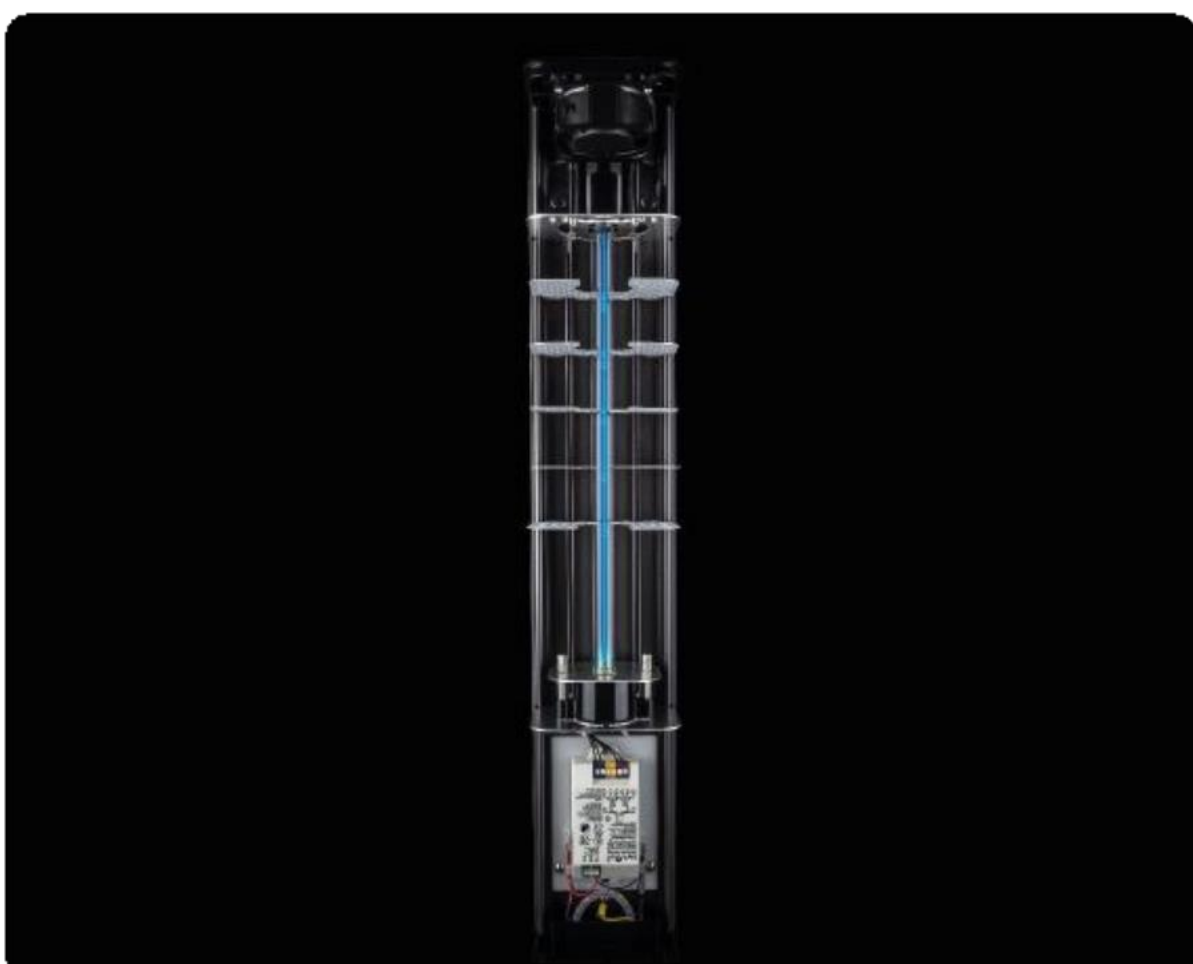
3.4kg

OPERATION //

As required for odour clearance, or continuous use for areas over 100m². Requires annual lamp change.

SET UP //

Usually free standing as high as possible for maximum dispersal and quickest effect. Can also be wall or ceiling mounted if required.





MODEL OPTIONS

CUSTOM VEHICLE

CVX 12V / CVX 24V

Working vehicles have to cope with a lot, the same vehicle may be used for a variety of loads creating problems with cross contamination. Maintaining an odour free, clean and infection controlled environment can be a constant challenge. With busy schedules and quick turnarounds, time allowed for vehicle cleaning is always tight with deep cleaning requiring vehicle off road.

AIRsteril uses specialist techniques proven target microorganisms. Odour control is equally important, unpleasant odours can easily transfer to loads being transported. AIRsteril products have always been supplied with guaranteed odour control across multiple industries.

- Fan operation distributes air throughout vehicle
- Annual lamp change maintains performance
- Robust vandal resistant Aluminium casing
- Horizontal or vertical mounting
- Vibration absorbing mounting plate
- No filters to change
- Guaranteed odour control
- 12 or 24 volt power options available

TECHNICAL DETAILS

DIMENSIONS //

470mm (l) x 140mm (w) x 120mm (d) (175mm wide to edge of mounting plate))

POWER SUPPLY //

12V – CVX12, 24V – CVX24 / 18 watts

CONSTRUCTION //

Anodised aluminium, solid extrusion.



WEIGHT //

2kg

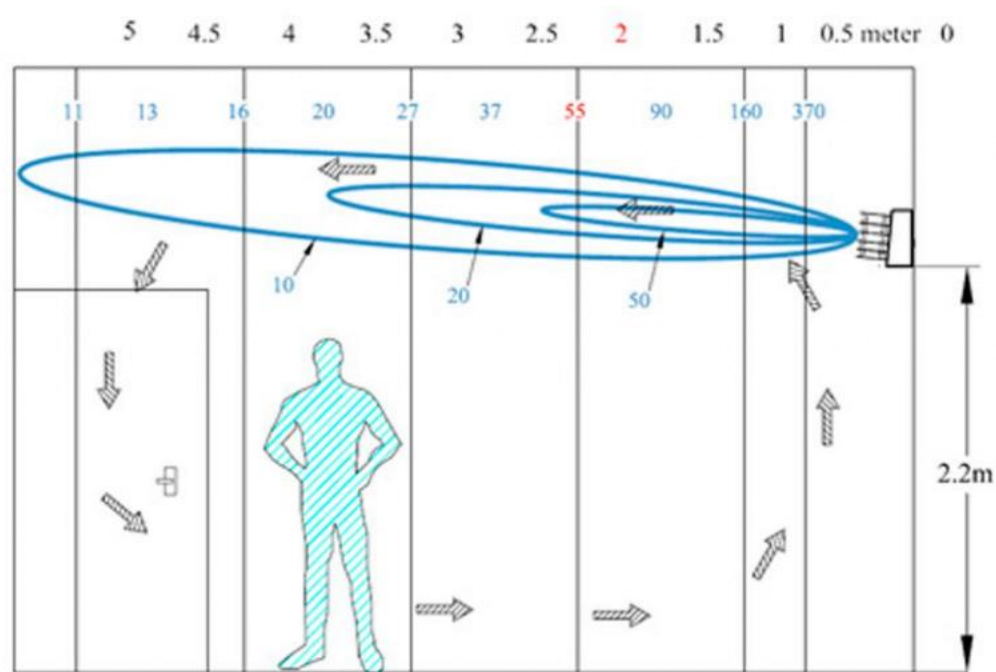
OPERATIO //

Continuous indicated by blue lamp. Requires annual lamp change and unit clean.

SET UP //

Installed on the integral mounting plate at 4 points for stability, access required to either end for servicing and lamp change.





TECHNICAL DETAILS

DIMENSIONS //

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

POWER SUPPLY //

110 - 120V - 24 watts - UVGI

CONSTRUCTION //

Anodised aluminium extrusion.



MODEL OPTION

ULTRA VIOLET GERMICIDAL IRRADIATION

UVGI

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, waiting rooms and care homes.

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



WEIGHT //

5.0kg - UVGI

OPERATION //

Continuous indicated by blue lamp. Requires annual lamp change.

SET UP //

Wall mounted at least 2.2m above floor level.



MODEL OPTION

MEGA THERMAL

MT 75

Environmental Protection legislation makes it an offence to manage waste in a manner likely to cause harm to human health or the environment, this includes offence to the senses. Businesses that have onsite compactors to manage their waste are all subject to odour control regulations.

Cleaning, filtration and chemical dosing cannot control the source of the odours whilst masking odours with strong fragrances will only have a limiting effect. In just 8 hours one bacteria can multiply to 8 million*, left uncontrolled this further breaks down waste and magnifies the odour issues. Attempting to mask these odours will simply not work and can make the environment much more unpleasant with the combination of bacteria waste odours, rotting matter and fragrances.

BENEFITS OF USING AIRSTERIL MT75 ▾

- Control odours 24/7
- Eliminates need for fragrances
- Improves environment for all
- Eliminates customer complaints

PERFECT FOR USE ▾

- Above large waste compactors
- In large bin store rooms
- Persistent extreme odour areas
- Waste processing areas

TECHNICAL DETAILS

DIMENSIONS //

670mm (l) x 160mm (w) x 160mm (d)

POWER SUPPLY //

110 - 120V - 56 watts

CONSTRUCTION //

Anodised aluminium, solid extrusion.



WEIGHT //

3.4kg

OPERATION //

As required for odour clearance, or continuous use for areas over 100m². Requires annual lamp change.

SET UP //

Usually free standing as high as possible for maximum dispersal and quickest effect. Can also be wall or ceiling mounted if required.





OPTION MODELS

ULT - ULTIMATE

ULT1 / ULT2 / ULT3 / ULT4

AIRsteril utilise indirect UV-C enclosed within a chamber so there is no risk to personnel or the environment. The Ultimate 4 allows the control of bacteria and VOCs more efficiently than ever before. All of this is achieved with low energy consumption, only 85 watts. The custom designed baffle 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 becomes an efficient cleaning agent, targeting pathogens in the air and on surfaces, reaching areas where traditional disinfection is not possible.

The AIRsteril Ultimate unit output can be adjusted as required for room volume and usage, to control harmful bacteria and viruses both in the air and on all exposed surfaces 24 hours a day, 365 days of the year. A single Ultimate unit can cover areas up to 440m³.

ODOUR AND INFECTION CONTROL IN

- Food processing
- Food chillers
- Boning halls

AIRBORNE SURFACE BACTERIA

Testing demonstrates AIRsteril technology can have a beneficial effect on spoilage bacteria on food throughout the food chain. Our technology is effective on airborne and surface bacteria and is safe to use in occupied areas.

TECHNICAL DETAILS

DIMENSIONS //

915mm (l) x 290mm (w) x 172mm (d)

POWER SUPPLY //

110 - 120V - 85 watts

CONSTRUCTION //

Stainless steel extrusion, IPX 5 Waterproof rating, dual cam locks.



WEIGHT //

13kg

OPERATION //

2 high output ballasts, 4 x 20W specialist UV lamps 24v DC IP68
Fan with 150 CFM free air flow.

SET UP //

Wall mounted. Easy for marking, four fixing points.





MODEL OPTION

ULT - ULTIMATE SMALL AREA ULTSA

AIRsteril utilise indirect UV-C enclosed within a chamber so there is no risk to personnel or the environment. The Ultimate SA unit is the newest model in our food grade range, bringing the technology of our larger Ultimate range into smaller areas whilst retaining the key elements from the larger units allowing the control of bacteria and VOCs more efficiently than ever before.

All of this is achieved with low energy consumption, only 22 watts. The custom designed baffle 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 becomes an efficient cleaning agent, targeting pathogens in the air and on surfaces, reaching areas where traditional disinfection is not possible.

The AIRsteril Ultimate SA unit output can be adjusted as required for room volume and usage, to control harmful bacteria and viruses both in the air and on all exposed surfaces 24 hours a day, 365 days of the year. A single Ultimate unit can cover areas up to 220m³.

ODOUR AND INFECTION CONTROL IN ▼

- Food processing
- Food chillers
- Boning halls
- Cold storage

TECHNICAL DETAILS

DIMENSIONS //

550mm (l) x 250mm (w) x 125mm (d)

POWER SUPPLY //

110 - 120V - 22 watts

CONSTRUCTION //

Stainless steel extrusion, IPX 5 Waterproof rating.



WEIGHT //

6kg

OPERATION //

1 x 20W specialist UV lamps 24v DC IP68 Fan with 150 CFM free air flow.

SET UP //

Wall mounted. Easy for marking, four fixing points.



ELEVATOR

ELEVATOR PURIFIER

SET UP //

Unit concealed with only inlet and outlet vents visible in cab ceiling

OPERATION //

Continuous operation

CONSTRUCTION //

Polycarbonate moulding



TECHNICAL DETAILS

DIMENSIONS //

410mm (L) x 130mm (W) x 95mm (D)

POWER SUPPLY //

110 - 120V - 50 - 60 Hz y 17 watts

WEIGHT //

1.5kg



• The elevator range technology can remove up to 99.99% of airborne microbes in minutes.

• Designed using the elevator expertise of AIRsteril technology systems and proficiency in infection control.

• The most advanced viral and bacterial control technology of its kind.

• Constantly reduce contamination both the air surfaces within an elevator car.

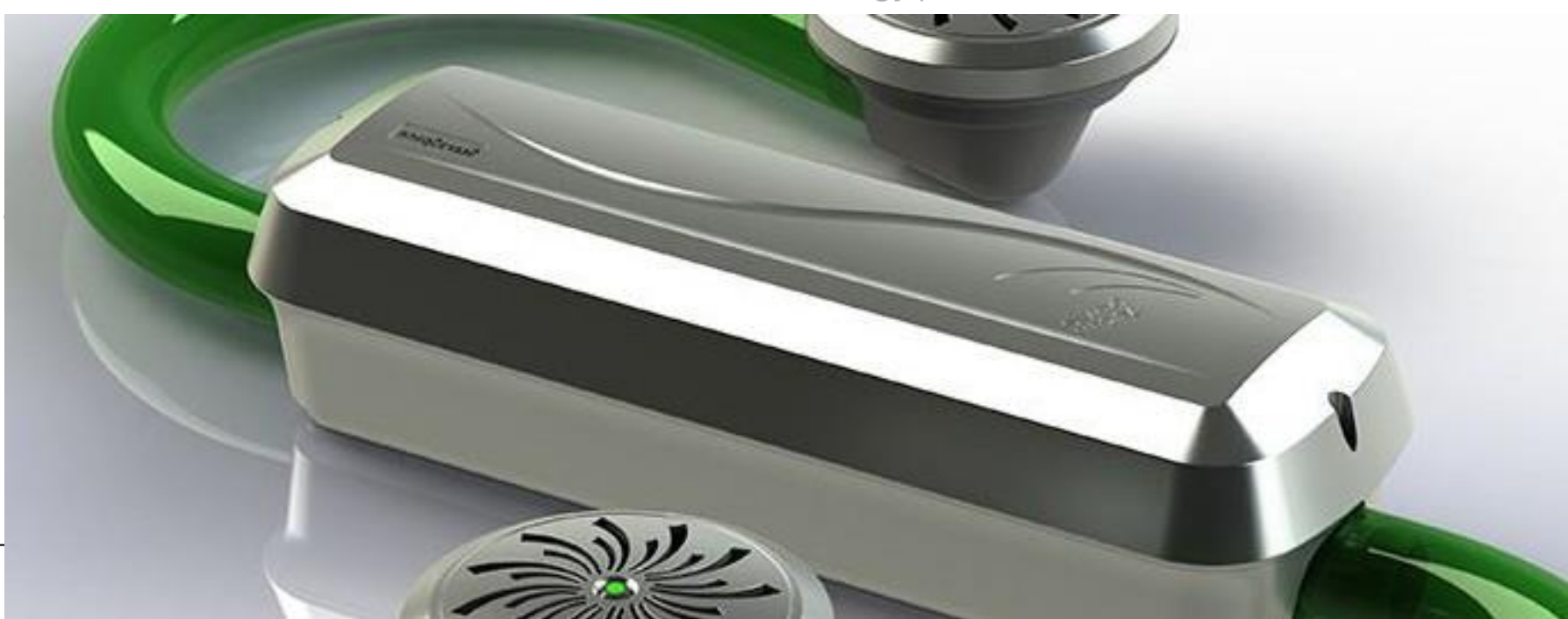
• Control harmful bacteria and viruses 24 hours 365 days a year.

PERFECT FOR USE IN

- Shopping elevators
- Cargo elevators
- Warehouse elevators
- Residential elevators

ADDITIONAL BENEFITS

- Proven to kill viruses and bacteria
 - Eliminate unpleasant odours
- Enhanced protection for both staff and visitors
 - Fan driven for consistent performance
- Safe and suitable for use in enclosed areas of continuous occupation
 - Single unit offers coverage of up to 18m³
 - Maintenance only once per year
 - Technology proven to reduce absenteeism





MODEL OPTION

IN-DUCT

AST2000

These units are designed to permanently fixed into ducting systems and the powerful germicidal lamp will target airborne microorganisms as well as surface contamination within the ducting system, the Catalysts interact with the UV to quickly break down odourous volatile organic compounds through PCO. Using temperature insulated, shatterproof wrapped lamps they significantly contribute to compliance with safety standards in a variety of industries. Dependent on site conditions and installation location a single unit or multiple units may be required to eliminate growth of mould and control bacteria throughout an air handling unit or ducting system.

The In-duct should be operated 24/7 to spread purifying air through the ducting system and building utilising the airflow generated by the ventilation system.

PERFECT FOR USE IN

- Air Handling Units
- Ducting systems
- Air Conditioning systems

TECHNICAL DETAILS

DIMENSIONS //

280mm (l) x 156mm (w) x 65mm (d) – In-Duct

POWER SUPPLY //

110 - 120V - 50/60Hz AST2000 - 36 watts – In-Duct

CONSTRUCTION //

Rugged construction, anodised aluminium



WEIGHT //

1.5kg – In-Duct

OPERATION //

Continuous operation

SET UP //

Fixed through the wall/roof of ducting or air handling unit system using support frame and template



AIR*steril*[®]

UV AirTech Corp