



2020

Product Catalogue

# Product Certifications, Approvals and Testing



Protecting people  
Preventing harm  
Preparing for threats

The Health Protection Agency laboratory at Porton Down proved that a standard AirSteril unit killed up to 98.11% of Bacteria and Viruses found in the air and on Surfaces within 60 minutes. These results demonstrated the effectiveness of the Air Steril technology. Full report available upon request



In 2015 on the recommendation of Surgical Clinical Directors and District Infection Prevention and Control Clinical Microbiologists for the NHS across Hospitals in England began to use Airsteril® Units in Ambulances and in clinical areas such as minor operation, treatment rooms and wards to reduce the incidence of airborne cross infection when conducting invasive therapies, surgical procedures and changing dressings. Testimonials and case studies available upon request.



The Dax Airscience team is certified to collect odour samples and recommend Odournet laboratory for odour analysis. The Odournet laboratories process more than 5,000 odour samples annually and offer unparalleled service at a competitive cost. All Odournet laboratories are accredited to ISO 17025 and EN 13725, and operate at the highest level of quality, as consistently demonstrated by their performance in international proficiency tests. Full report available upon request



The SGS Group labs in Hong Kong proved that both the standard and industrial AirSteril unit killed up to 99.7% of Bacteria and Viruses found in the air and on Surfaces within 24 hours of operation. These results demonstrated the effectiveness of the Air Steril technology. Full reports available upon request



Campden BRI provide the food and drink industry with the practical scientific, technical and advisory services needed to ensure product safety and quality, process efficiency and product and process innovation.



The agency is not aware of any food safety issues brought about by treating food with UV light or of any regulation prohibiting it's use. Additionally there is no labelling requirement with regards to labelling foods that have been treated with UV-C light. Letter available upon request



Dax Airscience is a subsidiary of Airscience Technology International Ltd. Airscience Technology International Ltd owns the AirSteril brand and all of it's trademarks



# Catalogue Index

## **AirSteril Standard 1**

- > Multi Flex Range 1
- > Air Silent Range 2
- > Washroom Extreme Range 3
- > Washroom Thermal Range 4
- > Multi Purpose Range 5

## **AirSteril Cold Storage 6**

- > Ultimate 4 Cold Storage 6

## **AirSteril Transport 7**

- > Refrigerated Transport 7
- > Commercial Transport 8
- > Emergency Transport 9
- > People Transport 10
- > Animal Transport 11

## **AirSteril Industrial 12**

- > Mega Thermal 12

## **AirSteril Travel 13**

- > Personal Protection 13

## **AirSteril Air Conditioning 14**

- > In Duct – Air Con 14

## Multi Flex Range

For function, reception, dining, halls, large offices

9,000H



In enclosed spaces, micro-organisms and/or airborne mould spores and dust create offensive odours, spread infections and compromise hygiene standards. Traditional cleaning methods, HEPA filters and masking agents are not enough. After cleaning, once an area is re-used harmful micro-organisms can return and grow at a rapid rate immediately. Odours prevail and the health risks increase for your staff and your building is at risk of contamination and spoilage.

The Multi Flex units are suitable for use in areas of continuous occupation in enclosed spaces. Small compact and lightweight aesthetically designed Air and Surface Sterilisation systems. The MF is fan driven and can easily be ceiling or wall mounted for continuous operation via a spur from a lighting circuit. Alternatively, the unit is supplied standard with a plug and feet for temporary use on a raised flat surface.

Interior

Exterior



### Features & Benefits

- ◆ Kills pathogens in the air and on all exposed surfaces
- ◆ Removes embarrassing odours by treating the root cause
- ◆ Eliminates bacteria and viruses in the air and on surfaces
- ◆ Destroys mould and fungi
- ◆ Reduces absenteeism (including staff)
- ◆ Reduces chemical usage
- ◆ Continuously sanitises all exposed surfaces 24/7

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
MF20	9438791218	2.4 Kg	100 - 220V 25 watts	Aluminium	1 year	9,000 hours	20 m2	9.5mg
MF40	9438791219	2.4 Kg	100 - 220V 25 watts	Aluminium	1 Year	9,000 Hours	40 m2	39mg
MF60	9438791220	2.4 Kg	100 - 220V 25 watts	Aluminium	1 year	9,000 Hours	60 m2	50mg
MF80	9438791221	2.4 Kg	100 - 220V 25 watts	Aluminium	1 year	9,000 Hours	80 m2	70mg

Construction	Anodised aluminium, solid extrusion	Operational properties	Continuous, indicated by blue lamp. Requires annual lamp change.
		Dimensions	130mm (w) x 100mm (h) x 435mm (l)

# AIRsteril

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## 2 AirSteril Standard

### Air Silent Range

For home bedrooms, aged care rooms, small offices

9,000H



The AS Range is silent. It operates by UV and the unique Airsteril thermal convection concept which delivers purifying plasma to every nook and cranny in a room to control infections by killing the micro-organisms both in the air and on all exposed surfaces. It also controls odours by the same process, eliminating the source, not masking it. Airsteril destroys bacteria, viruses, mould and fungi. It also breaks down toxic VOC's (Volatile Organic Compounds) and other particulate matter produced by the slow releasing VOC oxidation from office furnishings, painted walls, carpets, electronics and etc...

#### Features & Benefits

- ◆ Improve the environment and protect all building occupants, staff, family and visitors
- ◆ Clear embarrassing odours, eliminate masking agents
- ◆ Control bacteria and viruses in the air and all exposed surfaces
- ◆ Improve infection control and hygiene standards
- ◆ Reduce absenteeism (sick days) and labour costs
- ◆ Extend the life of soft furnishings to normal wear life
- ◆ Improve business and/or home business hypoallergenic standards
- ◆ Embarrassing odours are often perceived as poor hygiene and lack of care
- ◆ Improve air quality, ventilation and also the quality of recycled air for everyone to breathe

Interior



Exterior



### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
AS10	9438791230	1.5 Kg	100-240V 9 watts	Aluminium	1 year	9,000 hours	12 m2	9mg
AS20	9438791231	1.6 Kg	100-220V 18 watts	Aluminium	1 Year	9,000 Hours	22 m2	9.5mg
AS20X	9438791232	1.6 Kg	100-220V 18 watts	Aluminium	1 Year	9,000 Hours	42 m2	19mg

Construction	Anodised aluminium, solid extrusion	Operational properties	Continuous, indicated by blue lamp. Requires annual lamp change.
AS20 Dimensions	185mm (w) x 345mm (h) x 95mm (d)	AS10 Dimensions	195mm (w) x 255mm (h) x 97.5mm (d)

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# 3 AirSteril Standard

## Washroom Extreme Range

For large building washroom facilities – High volume

9,000H



These washroom units utilise our unique combination of 5 Nano and Plasma technologies. They eliminate unpleasant washroom odours and control harmful bacteria and viruses both in the air and on all exposed surfaces 24 hours a day, 365 days of the year. They are purpose made for buildings which experience high amounts of washroom use. Over 1,000 visits per day

The 12w low energy units provide constant clean, fresh sanitised washroom air. With NO filters to change, and minimal maintenance, they provide a green solution that provides the washroom hygiene and environment for all users. Washrooms accumulate high levels of harmful bacteria and viruses. With every flush, toilets and urinals force faecal micro-organisms into the air settling on washroom surfaces. Regular cleaning, disinfecting and use of masking agents cannot control the spread of micro-organisms.

Interior

Exterior



### Features & Benefits

- ◆ Removes embarrassing odours by treating the root cause regardless of washroom traffic
- ◆ Eliminates bacteria and viruses in the air and on surfaces
- ◆ Destroys mould and fungi
- ◆ Reduces absenteeism (Including Staff)
- ◆ Reduces chemical usage
- ◆ Eliminates need for masking agents
- ◆ Provides fresh clean air
- ◆ Sanitises all exposed washroom surfaces 24/7

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
WC20	9438791251	1.5 Kg	100-240V 12 watts	Aluminium	1 year	9,000 hours	20 m2	27mg
WC30	9438791252	1.5 Kg	100-240V 12 watts	Aluminium	1 year	9,000 hours	30 m2	54mg
WC30X*	9438791253	1.5 Kg	100-240V 12 watts	Aluminium	1 year	9,000 hours	30 m2	80mg
WC40X*	9438791254	1.5 Kg	100-240V 12 watts	Aluminium	1 year	9,000 hours	40 m2	100mg
Construction	Anodised aluminium, solid extrusion			Operational properties	Continuous, indicated by blue lamp. Requires annual lamp change.			
				Dimensions	140mm (w) x 100mm (h) x 470mm (l)			

\* The WR30X and WR40X are for areas of higher footfall and strong odours ^The WR units are not suitable for areas of continuous occupation



## Washroom Thermal Range

For medium size building washroom facilities

9,000H



Improving air quality in washrooms will clear odours and improve the healthcare of your staff and visitors. The Airsteril Thermal U/V Washroom Range eliminates unpleasant washroom odours and controls harmful bacteria and viruses both in the air and on all exposed surfaces 24 hours a day, 365 days a year. Odours and infections are created by bacteria, viruses, mould, fungi and volatile organic compounds.

Washrooms accumulate high levels of harmful bacteria and viruses. With every flush, toilets and urinals force faecal micro-organisms into the air settling on washroom surfaces. Poor ventilation, shared facilities and people who do not wash their hands all add to the hygiene problem. Regular cleaning, disinfecting and use of masking agents cannot control the spread of micro-organisms.

Interior



Exterior



### Features & Benefits

- ◆ Removes embarrassing odours by treating the root cause
- ◆ Eliminates bacteria and viruses in the air and on surfaces
- ◆ Destroys mould and fungi
- ◆ Reduces absenteeism (Including Staff)
- ◆ Reduces chemical usage
- ◆ Eliminates need for masking agents
- ◆ Provides fresh clean air
- ◆ Sanitises all exposed washroom surfaces 24/7

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
WT10	9438791261	0.9 Kg	220V 9 watts	White	1 year	9,000 hours	10 m2	18mg
WT20	9438791262	0.9 Kg	220V 9 watts	White	1 Year	9,000 Hours	20 m2	27mg
WT30	9438791263	0.9 Kg	220V 9 watts	White	1 Year	9,000 Hours	30 m2	54mg

Construction	Polycarbonate UL94 V2 Moulding	Operational properties	Continuous, indicated by blue lamp. Requires annual lamp change.
		Dimensions	125mm (w) x 400mm (h) x 90mm (l)

\*The WT units are not suitable for areas of continuous occupation

# 5 AirSteril Standard

## Multi Purpose Range

Rapid Response Decontamination – Buildings/Vehicles

9,000H



The MP100 is the most powerful unit in the Airsteril Standard range. It is designed for short term shock treatment or decontamination operation in spaces from 30m<sup>2</sup> to 66m<sup>2</sup>. It is also portable allowing temporary installation for tackling occasional contamination and odour problems in buildings, vehicles or boats. 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

Interior

Exterior



### Features & Benefits

- ◆ Kills pathogens in the air and on all exposed surfaces
- ◆ Removes embarrassing odours by treating the root cause
- ◆ Eliminates bacteria and viruses in the air and on surfaces
- ◆ Destroys mould and fungi
- ◆ Reduces absenteeism (including staff)
- ◆ Reduces chemical usage
- ◆ Continuously sanitises all exposed surfaces 24/7

## AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
MP100RR	9438791271	3.4 Kg	100 - 220V 55 watts	Aluminium	1 year	9,000 hours	66 m <sup>2</sup>	280mg

Construction	Anodised aluminium, solid extrusion	Operational properties	Continuous, indicated by blue lamp. Requires annual lamp change.
		Dimensions	130mm (w) x 100mm (h) x 750mm (l)

\*These MP100 units are not suitable for areas of continuous occupation

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## Ultimate 4 Cold Storage **NEW**

For all food/pharmaceutical cold storage installations

9,000H



The AirSteril process freshens, cleans and disinfects the air by killing airborne pathogens, viruses, bacteria, fungi, mould spores, dust mites, allergens and by decomposing odours and harmful gases found in the air and on exposed surfaces. Reduce bioaerosols, kill pathogens both in the air and on the surfaces and Improve your working environment by using the AirSteril technology

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. AirSteril's application rapidly destroys C.difficile spores, MRSA, Klebsiella, VRE, Norovirus, Acinetobacter, Salmonella, E.coli and all other microbes, fungus and mould in just seconds!

Interior

Exterior



### Features & Benefits

- ◆ Kills pathogens in the air and on all exposed surfaces
- ◆ Continued bacteria reduction throughout the food chain
- ◆ Completely safe for occupied areas
- ◆ IPX5 Waterproof Rated Stainless Steel unit
- ◆ No need for chemicals
- ◆ True green solution, control odours 24/7
- ◆ Demonstrate best practice to customers and improve image

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
ULT	8438791211	13 Kg	120 – 277V – 85 watts	Stainless Steel	1 year	9,000 Hours	300 m2	452mg

Construction	304 Stainless Steel Extrusion, IPX5 Waterproof Rating Dual 304 Stainless Steel Cam Locks	Operational properties	2 X high output ballasts, 4 X 20 Watt X 4 pin specialist UV lamps 24V DC IP168 fan with 150 CM free air flow
		Dimensions	290mm (w) X 172mm (h) X 915mm (l)

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# 7 AirSteril Transport

## Refrigerated Transport

For commercial transport – Refrigerated trailers/vans

9,000H



Interior

Exterior



In refrigerated transport, traditional cleaning and disinfecting cannot reach and kill bacteria effectively. In the food chain, Delivery vehicles present greater challenges due to food proximity. Bacteria multiply so quickly (one to 17 million in 8 hours) that they present a constant challenge, some cleaning does more to spread than bacteria than to clean it up. With busy schedules and quick turnarounds, time allowed for cleaning is always tight with deep cleaning requiring vehicles offline.

The IPX5 Waterproof Rated Stainless Steel unit is mounted on a vehicle wall or ceiling. This tough exterior allows the very latest Airsteril technology to stand up to the heavy wear and tear of a working vehicle. Featuring a custom 2 X high output ballasts, 1 X 20 Watt X 1 pin specialist UV lamps, 24V DC IP168 fan with 100 CM free air flow this Airsteril unit achieves unparalleled results in the reduction of odours, targeting contamination caused by bacteria, viruses, mould and fungi both in the air and on all exposed surfaces. The superior results can be achieved without the need to take the vehicle offline or any changes to working patterns.

### Features & Benefits

- ◆ Kills pathogens in the air and on all exposed surfaces
- ◆ Continued bacteria reduction throughout the food chain
- ◆ IPX5 Waterproof Rated Stainless Steel unit
- ◆ No need for chemicals
- ◆ True green solution, control odours 24/7
- ◆ Demonstrate best practice to customers and improve image

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
DAXT	7438791211	5.26 Kg	12V - 35 watts, 24V - 35 watts	Stainless	1 year	9,000 Hour	100 m2	117mg
ULTL	7438791212	5.26 Kg	12V - 35 watts, 24V - 35 watts	Stainless	1 Year	9,000 Hour	100m2	140mg
ULTSA	7438791212	5.26 Kg	240V - 35 watts	Stainless	1 Year	9,000 Hour	100m2	140mg
Construction	304 Stainless Steel Extrusion, IPX5 Waterproof Rating Dual 304 Stainless Steel Cam Locks			Operational properties	2 X high output ballasts, 1 X 20 Watt X 1 pin specialist UV lamps 24V DC IP168 fan with 100 CM free air flow			
				Dimensions	250mm (w) X 125mm (h) X 545mm (l)			



## Commercial Transport

For all commercial transport vehicles

9,000H



Exterior

Side



Commercial vehicles have to cope with continued traffic, 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. The single piece Aluminium hull is mounted on an anti-vibration installation plate, this tough exterior allows the very latest Airsteril technology to stand up to the heavy wear and tear of a working vehicle.

Featuring a custom designed internal TiO2 catalyst baffle plate system surrounding a specialist dual waveband UV lamp, this Airsteril unit achieves unparalleled results in the reduction of odours, targeting bacteria, viruses, mould and fungi both in the air and on all exposed surfaces. The superior results can be achieved without the need to take the vehicle off the road or any changes to working pattern. The unit should be installed to run constantly with a safety cut off connection if the vehicle is not connected to an external power source to prevent draining of the battery and any potential impact to other systems

### USE IN A VARIETY OF VEHICLES:

- ◆ Laundry – stop soiled laundry impacting on freshly laundry
- ◆ Multi-use – prevent lingering odours from previous loads
- ◆ Waste/Recycling – control unpleasant odours
- ◆ Medical supply – maintain sterility levels in transported goods
- ◆ Food – maintain sanitised environment to prevent bacteria growth on all foods including Fresh produce.

## AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
CVU	7438791221	1.7 Kg	12V - 17 watts, 24V - Watts	Aluminium	1 year	9,000 Hours	100 m2	100mg

Construction	Anodised aluminium solid extrusion	Operational properties	Continuous indicated by blue lamp. Requires annual lamp change
		Dimensions	140mm (w) x 100mm (h) x 470mm (l) - plus mounting plate

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## Emergency Transport

For Ambulance, Fire, Police transport - vehicles/aircraft

9,000H



Exterior

Side



Emergency vehicles have one of the toughest varied jobs of any working vehicle which is why maintaining a healthy, clean and infection controlled environment is a constant challenge. Fire Engines have to deal with smoke, VOC contamination and other offensive odours to maintain overall cleanliness for fire crews.

Ambulance crews and their vehicles deal in all areas of emergency care from people of all ages, backgrounds and categories of risk which is why vehicle cleanliness is paramount. These vehicles are the first defence against cross-infection, and the public rightly expects them to be completely safe environments.

The Medical Grade Aluminium single piece hull is mounted on an anti-vibration installation plate, this tough exterior allows the very latest Airsteril technology to stand up to the heavy wear and tear of a working Emergency vehicle. Featuring a custom designed internal TiO2 catalyst baffle plate system surrounding a specialist dual waveband UV lamp.

### EMERGENCY VEHICLE PROBLEMS

- Challenge to maintain and clean an infection controlled environment.
- Health risks to crew and public if standards are not maintained, regular deep cleaning requires vehicle off road

### Features & Benefits

- ◆ First line of defence against infections and pathogens
- ◆ Eliminates, odour, bacteria and viruses in the air and on surfaces
- ◆ Lifts hygiene levels, Disinfects all exposed surfaces 24 / 7
- ◆ Extends deep clean cycle, reducing vehicle off road time
- ◆ Reduces risk of cross-infection and absenteeism
- ◆ Removes embarrassing odours by treating the root cause

## AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
MVU	7438791231	1.7 Kg	12V - 17 watts	White	1 year	9,000 Hours	20 m2	18mg

Construction	Anodised aluminium solid extrusion	Operational properties	Continuous indicated by blue lamp. Requires annual lamp change
		Dimensions	140mm (w) x 100mm (h) x 470mm (l) - plus mounting plate

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## People Transport

For protecting people on the move

9,000H



Exterior

Side



All vehicles and their occupants are constantly subjected to the toughest environmental elements and busy schedules which is why maintaining a healthy, clean and infection controlled environment is a constant challenge for operators in this industry.

Air quality is a constant challenge for occupants of vehicles. The PTU units cleanse the vehicle of air pollutants, toxins and are the first defence against harmful particulate matter created by engine exhausts, dust, cross-infection between shift workers (presenteeism) and odours. Staff rightly expect the company vehicles to be completely safe environments even if the elements around them are dangerous saving both time and money due to improving staff safety.

Incorporating five advanced Nano and Plasma Technologies AirSteril® generates Photo Catalytic Oxidation which targets Particulate Matter, Carbon Monoxide, NoX, SoX, VOC's and Viruses on a Nano scale. Improving health and safety by sterilising air and the surfaces in all Vehicles. Airsteril uses specialist techniques proven to remove up to 98.11%\* of bacteria and viruses found in the air and on exposed surfaces while increasing oxygen availability.

### USE IN A VARIETY OF VEHICLES:

- ◆ Fleet Vehicles– prevent carbon emission related illnesses among staff and absenteeism
- ◆ Emergency Vehicles – Fire, Police often seek relief in vehicles in times of emergency. Units cleanse officers of toxic VOC's and bacteria acclimated on the job
- ◆ Public Transport – maintain sanitised environment to prevent bacteria growth on all forms of transport including Trains, Buses, Ferries

## AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
MVU	7438791241	1.7 Kg	12V - 17 watts	Aluminium	1 year	9,000 Hours	10 m2	4.5mg
Construction	Anodised aluminium solid extrusion			Operational properties	Continuous indicated by blue lamp. Requires annual lamp change			
				Dimensions	140mm (w) x 100mm (h) x 470mm (l) - plus mounting plate			

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# 11 AirSteril Transport

## Animal Transport

For horse floats and livestock transport vehicles

9,000H



Exterior

Side



Animal Transport Vehicles and their occupants are constantly subjected to tough environmental elements and busy schedules which is why maintaining a healthy, clean and infection controlled environment is a constant challenge for operators in this industry. Air quality is a constant challenge for occupants of Animal transport vehicles.

The AVX units cleanse the vehicle of air pollutants, toxins and the AVX is the first line of defence against harmful particulate matter created by engine exhausts, dust, cross-infection between humans and animals and odours. Staff rightly expect the company vehicles to be completely safe environments even if the elements around them are dangerous saving both time and money due to improving staff and animal safety.

### ANIMAL TRANSPORT PROBLEMS

- Challenge to maintain and clean an infection controlled environment
- Health risks to Animals if air quality standards are not maintained
- Air quality is compromised and can lead to fatigue/illness

### Features & Benefits

- ◆ Improves Oxygen availability in the Vehicle
- ◆ Eliminates bacteria and viruses in the air and on surfaces
- ◆ Lifts hygiene levels, Disinfects all exposed surfaces 24/7
- ◆ Extends deep clean cycle, reducing maintenance costs
- ◆ Reduces risk of cross-infection and absenteeism
- ◆ Removes embarrassing odours by treating the root cause
- ◆ Provides fresh clean air by removing particulate matter and exhaust emissions

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
MVU	7438791251	1.7 Kg	12V - 17 watts, 12-17 Watts	White	1 year	9,000 Hours	80 m2	80mg

Construction	Anodised aluminium solid extrusion	Operational properties	Continuous indicated by blue lamp. Requires annual lamp change
		Dimensions	140mm (w) x 100mm (h) x 470mm (l) - plus mounting plate

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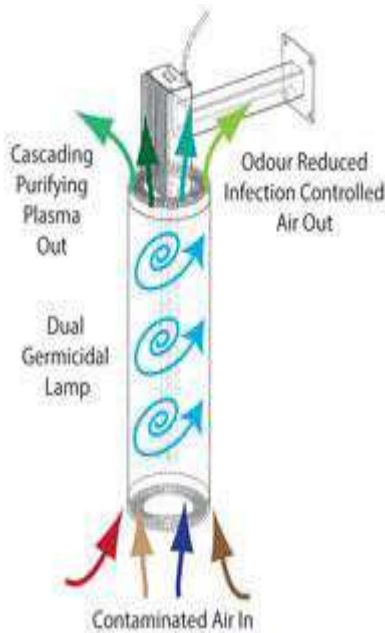
## Mega Thermal

For dry area industrial including waste processing

9,000H



Exterior



Interior



Improving air quality in waste processing plants will clear odours and improve the working environment. The Airsteril MT1 500 eliminates unpleasant odours both in the air and on all exposed surfaces and is suitable for all enclosed spaces, except for areas of sedentary continuous occupation. With no need for chemicals, minimal maintenance and low power consumption, the MT1 500 provides a truly green solution.

The advanced technology of the MT1 500 allows the control of bacteria and VOCs more efficiently than ever before. All of this is achieved without fans and with very low energy consumption. The custom designed thermal convection system ensures that contaminated air processed through the unit achieves optimum dwell time in the purifying chamber. The processed air leaves the unit as an efficient cleaning agent targeting pathogens in the air and on surfaces within 100 square metres of the unit.

### Features & Benefits

- ◆ - It doesn't add moisture to the product (moisture isn't good when processing RDF)
- ◆ - It doesn't make dust stick to machinery
- ◆ - It has low maintenance costs
- ◆ - It doesn't cause the potential COSHH risk with perfumes in respirable air
- ◆ - It doesn't require legionella monitoring
- ◆ - No requirement to be constantly monitored by staff
- ◆ - No requirement for top-ups of enzymes/bacteria (skilled work)

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
MT75	6438791211	3.2 Kg	120 - 240V - 42 watts	Stainless Steel	1 year	9,000 Hours	100 m2	280mg

Construction	Aluminium Alloy Extrusion	Operational properties	1 X UV-C lamp, GP, 280mg High Output Ozone Plasma
		Dimensions	160mm (w) x 160mm (h) x 670mm (l)

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# 13 AirSteril Travel

## Personal Protection **NEW**

For Cruise Ships, Motels, Cabins, Trains, Caravan Parks

9,000H



Often accommodation providers are faced with quick turnarounds and frequent staff shift rotations, this fast paced working environment allows hidden bacteria and odours to go unnoticed until it is too late. Airsteril now offers the perfect solution when traveling which is the Personal Protection unit. It offers further insurance against falling ill while traveling and no person should leave home without this device. Small, lightweight, compact and durable. Whether for business or pleasure, the Personal Protection easily fits in your luggage offering personal protection for yourself and your family while traveling in-country or in foreign countries.

The Personal Protection unit is silent. It operates by UV and the unique Airsteril thermal convection concept which delivers purifying plasma to every nook and cranny in a room to control infections by killing the micro-organisms both in the air and on all exposed surfaces. Airsteril destroys bacteria, viruses, mould and fungi. It also breaks down toxic VOC's (Volatile Organic Compounds) and other particulate matter produced by the slow releasing VOC's oxidising from office furnishings, painted walls, carpets, electronics and etc...

Interior



Exterior



### Features & Benefits

- ◆ Eliminate chance for cross contamination of viruses from previous occupants.
- ◆ Create a odour and infection controlled sanctuary when traveling, plus control dust mites
- ◆ Control bacteria and viruses in the air and all exposed surfaces - The plasma action purifies air condition units.
- ◆ Reduce risk possibility of illness and insurance claim while traveling
- ◆ Improve air quality, ventilation and also the quality of recycled air for everyone to breathe
- ◆ Deodorises Clothes, Suits, Shoes when placed in wardrobe

### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
AS10X	5438791211	1.5 Kg	100-240V 9 watts	Aluminium	1 year	9,000 hours	42 m2	18mg

Construction	Anodised aluminium, solid extrusion	Operational properties	Continuous, indicated by blue lamp. Requires annual lamp change.
		AS10T Dimensions	195mm (w) x 255mm (h) x 97.5mm (d)

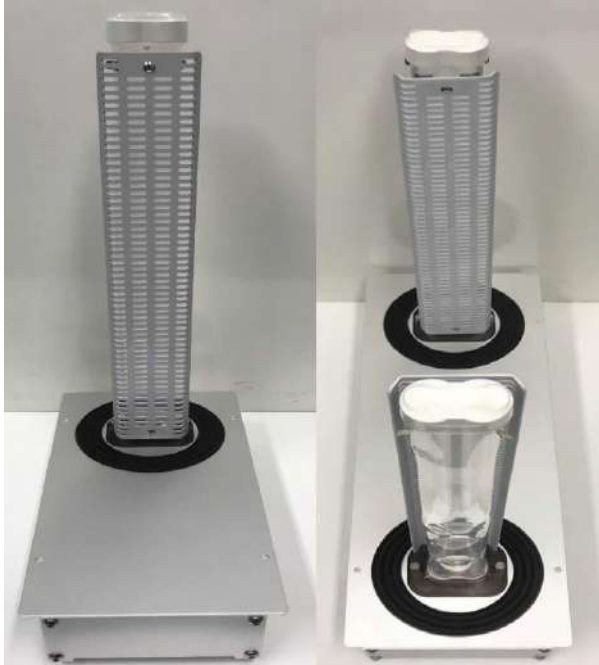
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## In Duct – Air Con **NEW**

For use in air-conditioning ducting systems

9,000H



AST2000

AST3000



Traditional cleaning cannot access these areas, system age, poor maintenance, building heating systems, and moisture ingress can all increase contamination levels. Current cleaning methods can actually magnify problems over time increasing moisture levels and reducing system life or leaving behind chemical residue.

Remove microbial and chemical contaminants from handling units and ducting to lift indoor air quality. The AST 2000/3000 units are designed to permanently fix into ducting systems.

Using shatterproof wrapped lamps they significantly contribute to compliance with safety standards in a variety of industries including the food industry. Both the single lamp AST 2000 and dual lamp AST3000 can have performance adjusted for higher contamination environments by swapping installed lamps if required.

### Features & Benefits

- ◆ Kills pathogens in the air and on all exposed surfaces
- ◆ Destroys mould and fungi
- ◆ No chemical or moisture residues
- ◆ Maintain peak system performance
- ◆ Low power consumption
- ◆ Low maintenance clean and lamp change once a year
- ◆ True green solution, control odours 24/7



### AirSteril Specifications

Model	Stock Code	Weight	Volts	Trim	Warranty	Lamp Life	Coverage	Lamp Size
AST2000	1438791211	1.5 Kg	36w Custom UV lamp	Aluminium	1 year	9,000 Hour	175 m3	386mm
AST3000	1438791212	2.5 Kg	72w Custom UV lamp	Aluminium	1 year	9,000 Hour	250 m3	386mm

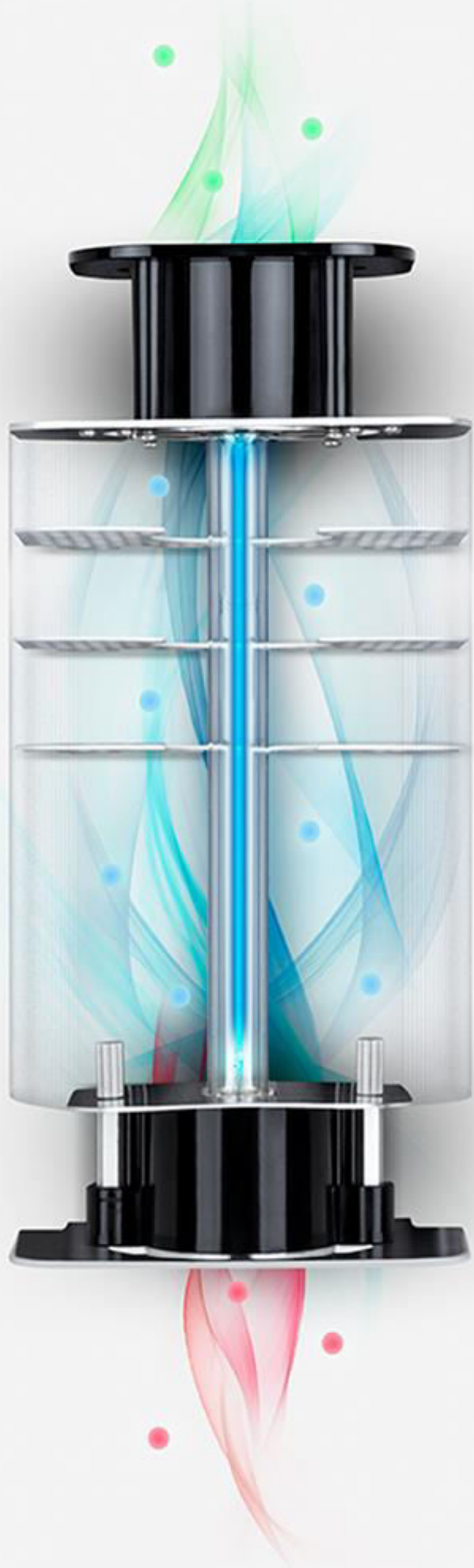
Construction	Rugged construction, anodised aluminium	Operational properties	Fixed through the wall/roof of ducting or air handling unit system using support frame and template
		Dimensions	AST2000 - 280mm (l) x 156mm (w) x 65mm (h) AST3000 - 420mm (l) x 156mm (w) x 65mm (h)

# AIRsteril

infection & odour free environment

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PRODUCT CATALOGUE 2020



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