



VEHICLE RANGE

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

PRODUCTS: CVX12 // CVX24

 **uvsafe**
Managing Biosafety

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ODOUR CONTROL ON THE MOVE, LIFTING VEHICLE HYGIENE TO A NEW LEVEL

MAINTAIN A HEALTHY CLEAN SANITISED VESSEL

- > Prevents cross-contamination between surfaces
- > Lifts hygiene levels
- > Powered via solar or wind generator
- > Removes embarrassing odours by treating the root cause
- > Targets bacteria and viruses in the air and on surfaces
- > Destroys mould and fungi
- > Reduces chemical usage
- > Eliminates need for masking agents
- > Provides fresh clean air
- > Sanitises all exposed surfaces

VEHICLE PROBLEMS

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 technique proven target microorganisms. Odour control can easily 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



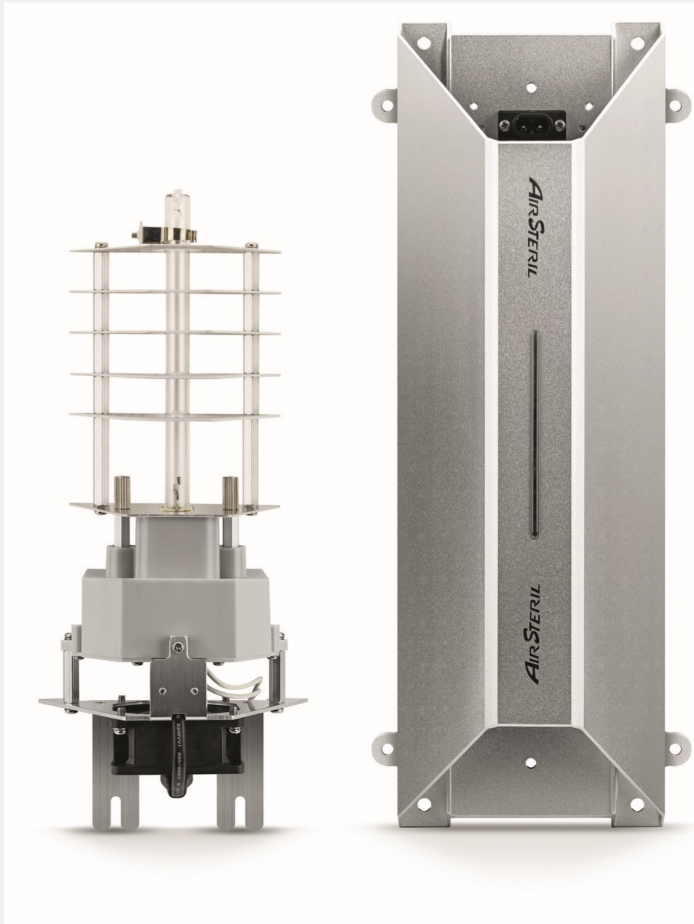
ODOUR AND INFECTION CONTROL IN VESSELS

- > Laundry - Stops dirty laundry impacting on freshly laundered items
- > Multi - use - Prevent lingering odours from toilets
- > Waste/recycling - Control unpleasant odours and associated health risk
- > Food - Maintain sanitised environment to prevent bacteria growth
- > Medical supply - Maintain sterility levels in transported goods
- > Professional Movers - Meet every client with a clean, fresh vehicle

*Certain bacteria such as E.coli can replicate every 20 minutes, which could in theory leave you with 16.7 million in 8 hours, what we are highlighting is that bacteria breed very quickly and cannot be controlled with traditional methods

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SERVICING MADE EASY

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 hull always remains permanently in place. Servicing can be carried out at ground level by removal of the internal cartridge.

Lamps must be changed on minimum of annually to maintain performance.

HOW OUR MARINE SYSTEM WORKS

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 vessel. 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.

Available as a 12 or 24 volt model dependant on requirements, the unit should be installed to run constantly with a safety cut off connection is the vessel is not connected to an external power source to prevent draining of the battery.

ODOUR ELIMINATION GUARANTEED

***Conditions Apply**

Custom Marine Range Dimensions 470mm (L) x 140mm (W) x 120mm (D)	Construction Anodised aluminium, solid extrusion.
Power Supply 12v—CVX, 24V—CVX24 / 18	Weight 2KG
Set Up Wall or ceiling mounting. Easy marking and fixing at four points.	Operation Continuous, indicated by blue lamp. Requires annual lamp changing.

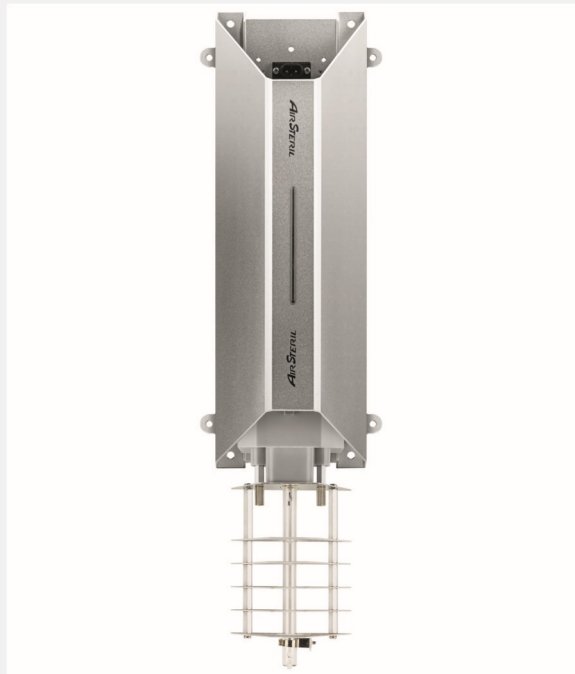
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PHOTO CATALYTIC OXIDIZATION

POWERPACK UNIQUE TO AIRSTERIL



OPERATION AND SAFETY

The unique balance to technology used by AIRsteril has been tried, tested and refined over many years to ensure the best achievable results with every unit is supplied.

- > Due to the unit design UV light cannot escape the unit from any angle meaning it is completely safe.
- > Ozone levels used are substantially below the most stringent emissions regulations worldwide
- > The fan is shielded behind a protective end cap to avoid potential injury
- > Power via a plug and push connector allows installation without loose cables and easy connection to existing sockets

HOW AIRSTERIL TECHNOLOGY WORKS

Internal

- > **Germicidal irradiation** by dual UV light (Ultraviolet) kills microorganisms (bacteria, viruses and mould) by disrupting their DNA and removing their reproductive capabilities.
- > **PCO - Photocatalytic Oxidation**, UV reacts with out catalyst (TiO₂) to form highly reactive but short lived oxidising Hydroxyl Radicals (OH) which break down Volatile Organic Compounds (VOCs).
- > Interaction of the dual waveband UV with the TiO₂ heterogeneous catalyst both creates and breaks down Oxygen molecules transforming Oxygen into a highly reactive states of ozone and Superoxide Ions which leave the unit as "Plasma Quatro"

Transmitted Technology

- > The negatively charged **Superoxide Ions** change airborne contaminates causing them to cluster together and fall from the air as they become too heavy, aiding all other processes. This can remove airborne particulates down to 0.0001 micron, that's better than any HEPA filter.
- > **Targeted Ozone** produced via the specialist lamp gets the hardest to the hardest to reach area breaking down contamination in the air and on exposed surfaces. Ozone damages the cell wall of microorganisms stopping reproduction and destroying the cell.

FOR MORE INFORMATION OR TO BOOK AN AIR QUALITY CHECK CALL:

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