

Large-area disinfection & decontamination

The OXIZONE MK5 is a high power air steriliser unit using a 280mg lamp capable of providing a sterilising, disinfecting and decontaminating effect for large areas with quick turnaround.

OXIZONE air sterilisers are designed to recreate and enhance the natural sterilising actions of ozone, plasma, titanium oxide and photo catalytic oxidation which results in the breaking down the 'envelope' on viruses, destroying them rendering them harmless.

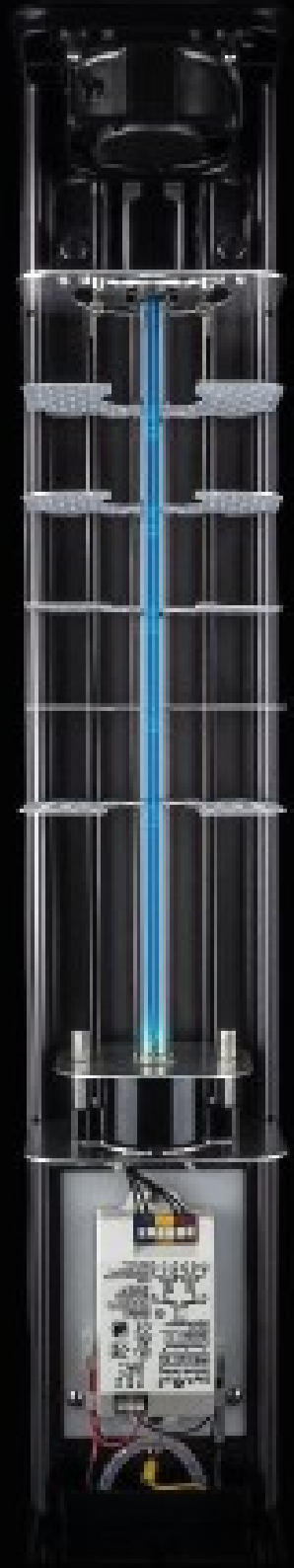
This effect is well-tested and proven. As the sterilising is on the molecular level using an electrically generated, safe gas, it is capable of getting to all areas where chemical liquids and fogs cannot reach without leaving any residue.

This technology is used in many industries including **food preparation areas, hospitals and healthcare, schools, care homes, bars, hotels and restaurants.**

OXIZONE MK5 REMOVES ODOURS, CONTROLS INFECTION & IMPROVES HYGIENE

- Breaks down harmful bacteria and viruses
- Quickly clears odours
- Cleans into fabrics and furnishings
- Stops mould and fungi growth
- No chemical residue or moisture after treatment
- Area can be put back to full use within minutes

Tested effective against C Diff, E Coli, MS2 Coliphage (SARS-CoV-2 surrogate), Listeria, MRSA, A Fumagatis



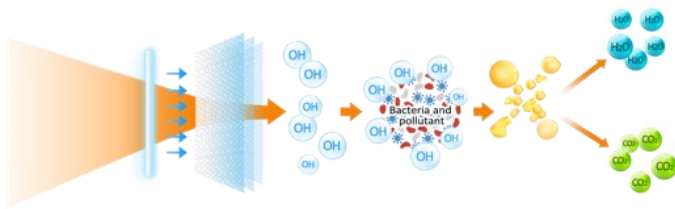
How OXIZONE MK5 works

The Oxizone Air Steriliser works using combined technologies:

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 our Catalyst (TiO_2) 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 TiO_2 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".



External

The negatively charged **Superoxide Ions** charge airborne contaminants 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 areas breaking down contamination in the air and on exposed surfaces. Ozone damages the cell wall of microorganisms stopping reproduction and destroying the cell

