



INTRODUCING
OXONOX

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WHO ARE OXONOX?

OXONOX

OXONOX Chief Medical Officer and Founder, Prof. James Frame FRCS, an eminent and internationally renowned plastic surgeon, originated the concept in 2013 when he saw the potential to transfer plasma's infection-fighting capabilities from medical environments into the commercial sector.

OXONOX was founded and is the manufacturer of a global market-leading air purification system, harnessing the power of plasma like no other, providing safe and pleasant environments for all.

“Transforming the Sanitisation of Spaces
and Surfaces with New Controlled Plasma”

Dr Thomas Frame

PROBLEM STATEMENT

What is the problem with current environments.

The issue of poor hygiene practices within so-called 'safe spaces' has emerged as a critical concern, significantly impacting the welfare of both our staff and customers.

Despite our commitment to providing a safe and clean environment, persistent shortcomings in maintaining adequate hygiene standards pose serious risks to the health and satisfaction of all involved. This increases pressure on staff time and reliance on harmful chemicals.

SOLUTION: OXONOX AirSpace™

Addressing this challenge head-on,
OXONOX have developed the AirSpace™ Family.

Harnessing cutting-edge technology, the AirSpace™ Family operates continuously in the background, 24/7, 365 days a year. Leveraging advanced plasma generation mechanisms and sterilisation techniques, it eradicates harmful microorganisms with impressive efficiency.

The AirSpace™ Family is a formidable weapon against airborne pathogens. It promotes safe environments, reduces pressures on resources, staff, and assets, and fosters a healthier and more positive atmosphere for both staff and customers.

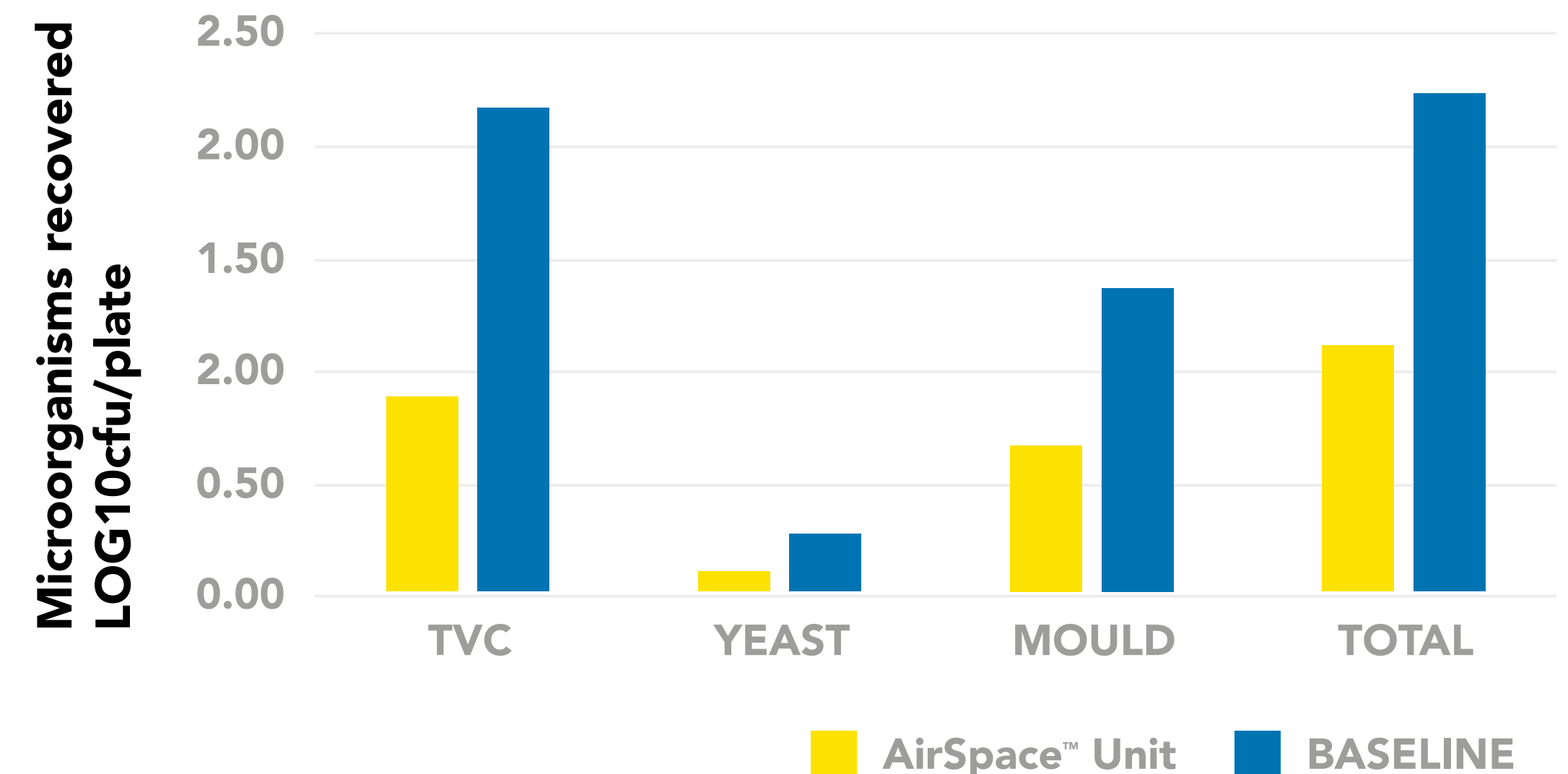


AIR SANITISATION EFFICACY – REAL WORLD TESTING

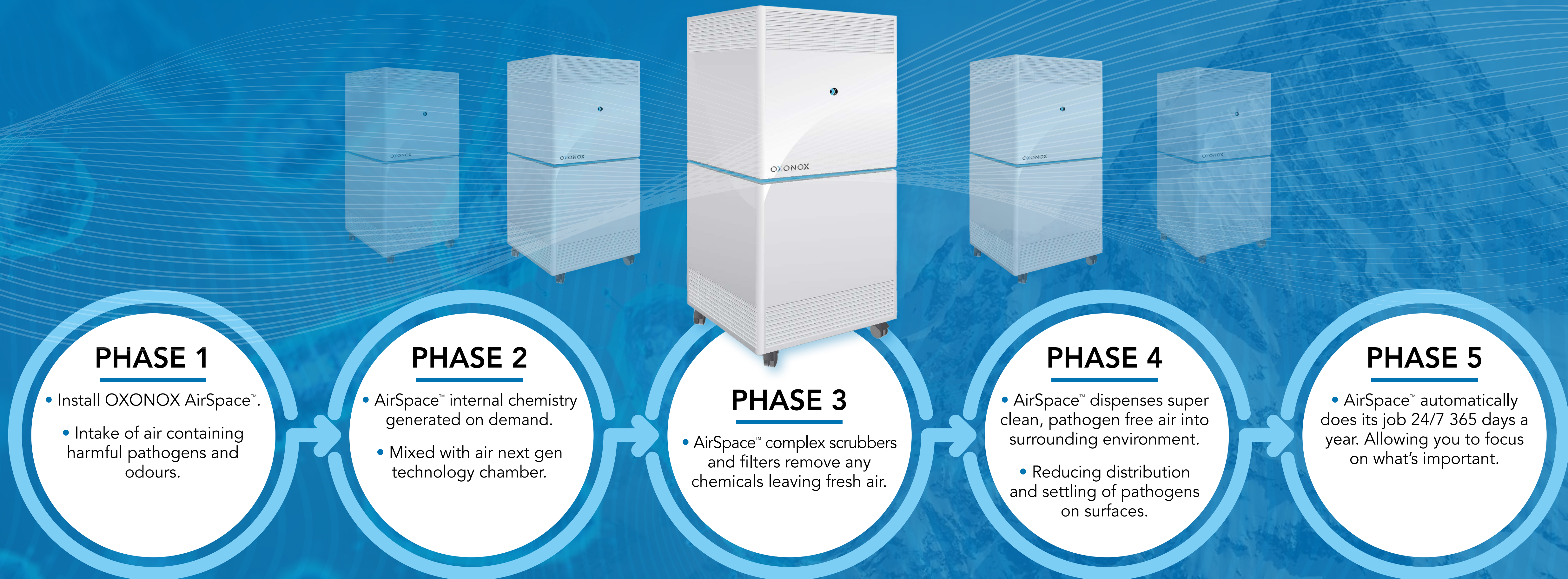
Extensive independent laboratory testing (conducted by accredited test laboratories) has been performed in both controlled and real-world environments using a wide range of pathogens and samples from customer environments.

Examples include heavily contaminated surfaces where bowel/gut flora, particularly dominant strains of Enterobacter and Pseudomonas, were present. Comparisons clearly highlight the improvements achieved while using AirSpace™.

**Airborne microorganism level
in settle plate analysis of AirSpace™**



HOW DOES IT WORK?



“LIKE HAVING A WINDOW OPEN 24/7 PROVIDING CLEAN AIR”

BENEFITS HEALTHCARE & FUNERAL SECTOR

- ✔ Improved staff welfare, reducing health and safety risks.
- ✔ Reduced risk of cross-contamination.
- ✔ Reduced labour requirements, allowing for the reallocation of labour, driving efficiencies and cost savings.
- ✔ Reduced reliance on harmful chemicals.
- ✔ Operates unnoticed in the background, doing all the hard work.
- ✔ No downtime, unlike other periodic applications.
- ✔ No risk of microbial mutation.

PROTECT AGAINST
THE THINGS YOU
CAN'T SEE

COMPETITIVE ADVANTAGE

AirSpace™ SUPERIOR TECHNOLOGY

AirSpace™ PERFORMANCE STRENGTHS

- ✓ **BROAD SPECTRUM ★★★★★**
Neutralizes a range of pollutants such as bacteria, viruses, mould, smoke, and odours.
- ✓ **RAPID ACTION ★★★★★**
Quickly eliminates air contaminants.
- ✓ **NO FILTER REPLACEMENT ★★★★★**
Unlike other systems, AirSpace™ doesn't need regular filter changes therefore cost effective.
- ✓ Integrated HEPA filters don't harbour pathogens due to internal cleaning.

COMPARABLE PRODUCTS

HEPA & OTHER FILTERS

- ✗ **LIMITED SPECTRUM**
Ineffective against gases, VOCs, certain viruses, and bacteria.
- ✗ **ADDITIONAL COSTS**
Requires regular filter replacements.
- ✗ **SLOWER ACTION**
Takes more time to improve air quality than ozone technologies.

UV LIGHT TECHNOLOGY:

- ✗ **LIMITED EFFECTIVENESS**
Doesn't combat particulates, gases, or odors.
- ✗ **INCOMPLETE COVERAGE**
Needs direct exposure for disinfection, which can be limiting.
- ✗ **LONGER DISINFECTION TIME**
Takes more time than AirSpace™ technology.
- ✗ **SAFETY CONCERNS**
Requires shielding to prevent human exposure and can limit the use of reflective materials.

SECTORS



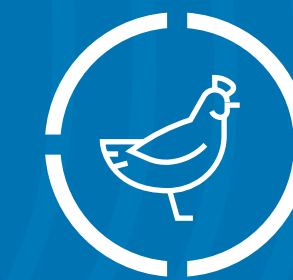
HEALTHCARE &
FUNERAL SECTORS



HOSPITALITY



FOOD PRODUCTION
& STORAGE



ANIMAL HEALTH

PRODUCT RANGE

AirSpace™, AirLift™ & AirStair™

Plasma-based systems purify air, reduce microbiological load, deodorise spaces, and safeguard against both human transmission and the degradation of organic matter. They are vital in sectors like healthcare, mortuaries, and food production.

The range offers a broad range of products that address the diverse needs of multiple markets and applications.

AirSpace™

AirSpace™ Flexi 120

Portable auxiliary air sterilisation for any space up to 120 cubic meters of AirSpace™ treated air wherever you need it.

AirSpace™ Wall and AirSpace Pathogen Plus

Can be fitted onto walls and in ceiling voids, but readily moved if required. Configurations available for up to 1000 cubic metres.

AirSpace™ Chiller

Controlled plasma air sterilisation in small cold store spaces. Retrofitted or fitted at refrigeration manufacturers.



AirSpace™ Flexi 120



AirSpace™ Wall and AirSpace Pathogen Plus



AirSpace™ Chiller



CONTROLLED PLASMA SOLUTIONS FOR SPACES IN LIFTS

- ✓ Draws atmospheric air from the shaft, treats it with Plasma-Clean™ technology, and disperses large volumes into the compartment.
- ✓ Significantly reduces the risk of transmission from one person to another inside a lift.
- ✓ Creates a rejuvenating atmosphere, potentially extending the asset's lifespan and transforming the lift's internal environment.
- ✓ Ensures a large volume of treated air is supplied to the lift.
- ✓ Can enhance ESG ratings due to improved indoor air quality and auxiliary ventilation.
- ✓ Requires almost zero maintenance, has minimal running costs, and boasts an expected long lifespan.

AirStair™

CONTROLLED PLASMA STERILISING HANDRAILS ON ESCALATORS AND MOVING WALKWAYS

- ✓ Enhance safety for users with 24/7 sterilization of escalator handrails.
- ✓ Lower the risk of users not holding on, thereby reducing potential accidents and associated costs such as asset downtime and increased insurance premiums.
- ✓ Boost the ESG ratings of a facility.
- ✓ Decrease the need for chemicals and labour in cleaning escalators, and reduce moisture seepage which can affect the machinery's working parts.
- ✓ A "fit and forget" solution: this technology requires almost no maintenance, has minimal running costs, and boasts an expected long lifespan.





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