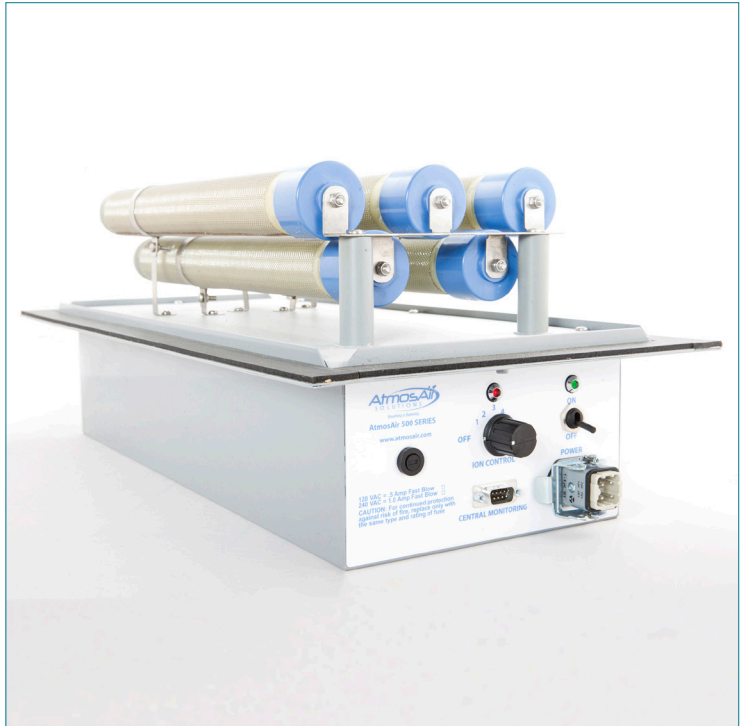
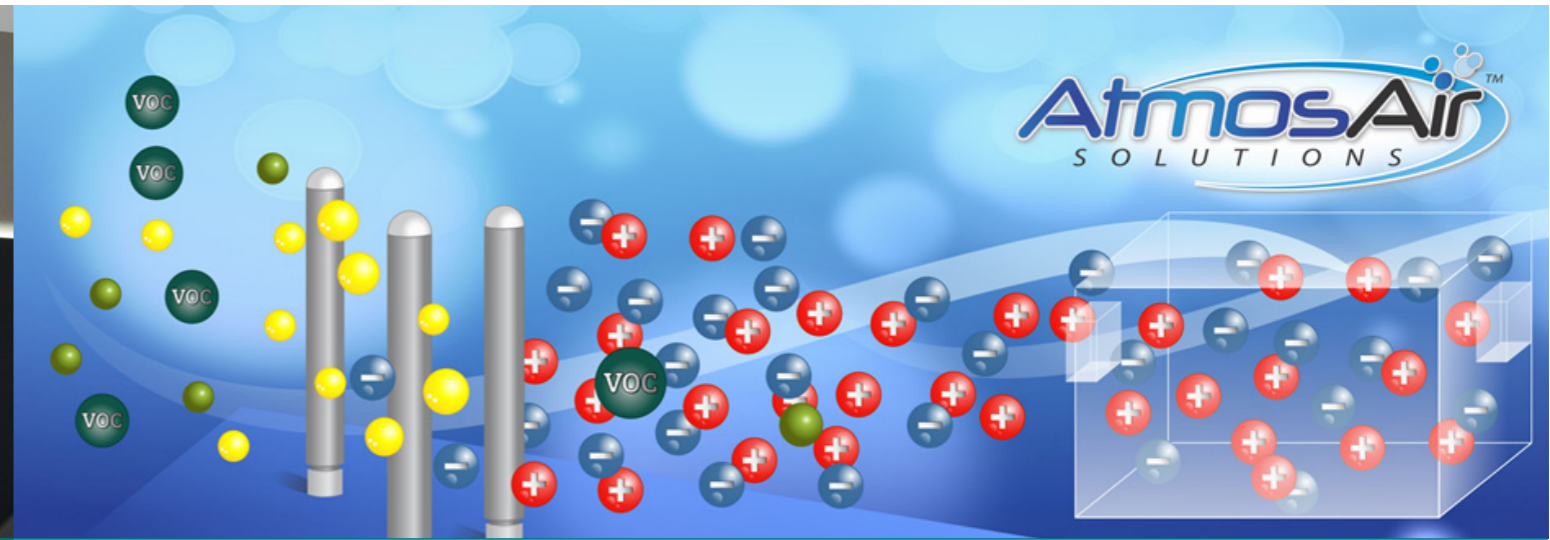


WATES AND ATMOSAIR

LEADING THE WAY IN AIR PURIFICATION





INTRODUCTION

HOW DOES ATMOSAIR WORK?

As the country prepares to return to a degree of normality and we see offices begin to reopen, it is important that everyone feels safe and secure when returning to work.

Over the past year, there have been a number of approaches taken to reactively reduce and manage the risks posed by airborne viruses such as COVID-19.

Wates has partnered with Advanced Ion Solutions to bring **AtmosAir's** market leading bi-polar ionisation technology to the UK.

Wates has been at the forefront of providing clients with technological innovations that deliver efficiencies in cost and energy usage for many years. We are proud to bring this new product to the UK market to help our customers protect their employees and buildings from airborne viruses and contaminants.

WHO ARE ATMOSAIR?

AtmosAir are the USA's leading all-natural air purification solution. Their systems produce no harmful ozone or other toxic by-products and utilise bi-polar ionisation technology which has been shown to significantly reduce air-borne bacteria and viruses. They have installed systems in 7,500 buildings across the globe, working with global organisations including Apple, Ford and Space X.



HOW DOES ATMOSAIR WORK?

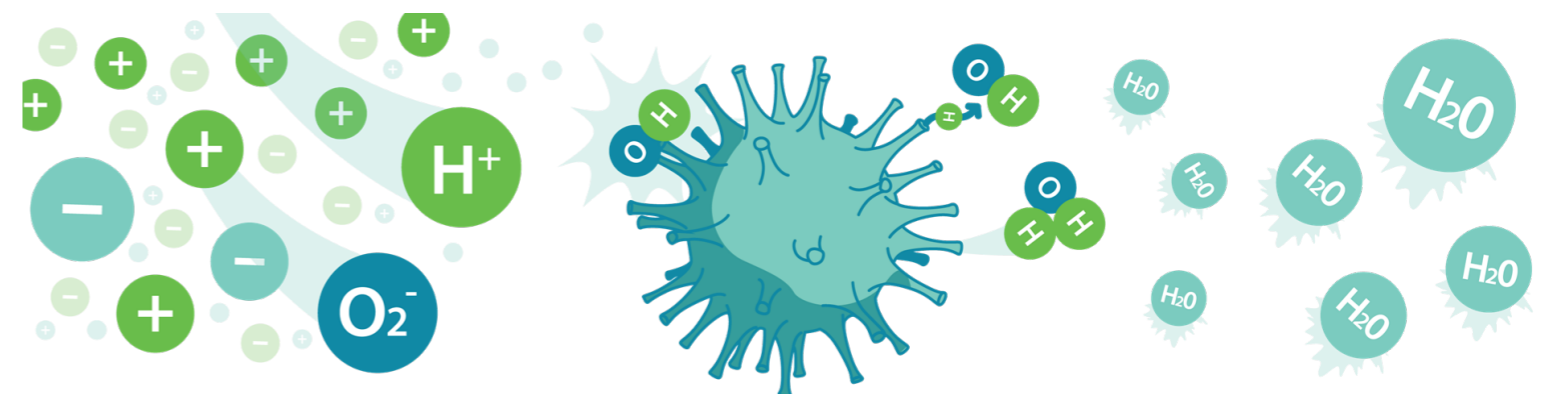
AtmosAir attacks bacteria and viruses in the air and on surfaces using naturally occurring chemical reactions, damaging the molecular structure of the pathogens and effectively neutralising them. This is achieved through the ionisation tubes energising the air and oxygen around us to form positive and negative air ions which actively seek out and neutralise contaminants inside the space.

The natural airflow through the building distributes the energised ions into all of the spaces served by a building's heating, ventilation and air conditioning (HVAC) system. The **AtmosAir** system also integrates easily into existing commercial and residential HVAC systems.

Unlike most air purification systems, **AtmosAir** is an active technology meaning it removes contaminants at their source. Because the system is operating in conjunction with the ventilation system,

the ventilated space is continuously cleaned and disinfected making buildings safer and contaminant free.

Independent lab testing has shown the **AtmosAir** system to be highly effective in neutralising Coronaviruses in the air and on surfaces by 99.92% within 30 minutes. These results have led to significant interest in the use of this technology to make buildings safer for staff returning to work and to make the workplace safer for the future.



ATMOSAIR ION EMISSION

AtmosAir ions are released into the air to create positive and negative air ions that occur in nature.

EFFECT ON MOULD, VIRUSES, AND BACTERIA

Only when **AtmosAir** ions come into contact with the surface of a mould spore, bacteria, or virus do they transform into OH radicals with extremely powerful oxidation properties. The OH radicals instantly steal hydrogen (H) from the proteins on the bacteria surface, breaking down proteins.

IONS TURN INTO WATER AND RETURN TO THE AIR

The combining of an OH radical with hydrogen (H) creates water which returns to the air.



BENEFITS OF ATMOSAIR

CONTACT



Reduced Viruses and Bacteria

Because Bi-Polar Ions negatively affect the DNA of bacteria and viruses, you'll protect your space's inhabitants from illness and disease.



Reduced Dust and Mould Particles

Bi-Polar Ions that bond with contaminants gain size and mass and drop to the floor, or return to the filter, making them easily filtered from the air we breathe.



Reduced Odours

Bi-Polar Ions break down odours at their source and eliminate them – no masking or diluting.



Reduced Volatile Organic Compounds

Bi-Polar Ions break down toxic gases and compounds from dangerous chemicals such as cleaning products, pesticides, paints, solvents, mould, mildew and more.



Improved Energy Conservation

AtmosAir guarantees you'll reduce your energy bills because you'll spend less on heating and cooling outdoor air. With this technology, you'll recycle conditioned, purified air instead.



Reduced Static Electricity

Bi-Polar Ionization naturally neutralizes the air, eliminating static charges.



Significantly Reduced Maintenance

There are no filters to change or collector cells to clean. Simply replace the **AtmosAir** ion tubes every two years.



A Safe, Natural and Environmentally Friendly Process

The patented Bi-Polar Ionization technology uses no chemicals, heavy metals or mercury, and produces no harmful by-products such as ozone or ultra-violet light.

To talk to us about how this revolutionary technology can help protect your business and employees please contact:

Deep Mahida

Client Relationship Director
Wates FM

Deep.Mahida@wates.co.uk

07856 003711



Wates Facilities Management (FM) is part of Wates Property Services, one of the UK's leading providers of planned and responsive maintenance and facilities management services for both public and private sectors.

Working with over 85 customers across a range of industries and environments, nationwide, we use our engineering and technical excellence to deliver hard and integrated FM services; planned and reactive maintenance solutions to single and multi-site operations.

Our teams currently manage 323 commercial and public properties in sectors ranging from legal and logistics to education and government.

Across our contracts we deliver services that include statutory compliance, cleaning, security, catering, portage, front-of-house, help desks and computer-aided facilities management (CAFM), as well as mechanical and electrical and building fabric maintenance through a mix of site based and mobile teams.