

## Clean air product guide

Giving you a breath of fresh air

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## > Why **clean air** matters

The coronavirus (COVID-19) pandemic has made us more aware of the air we breathe and how germs can be transmitted through it.

Shockingly, indoor air tends to be around **five times more polluted than exterior air**. This pollution is caused by machinery, unwanted odours, germs, and allergens.

Despite the fact that polluted air has a negative effect on our health and well-being, the majority of people spend most of their time indoors without thinking about the air that they're breathing in.

People who are extremely sensitive to allergens cannot function effectively in environments that regularly trigger their allergies or asthma. Yet, many organisations neglect to make changes in these environments to accommodate them, despite the value it provides.

The benefits of clean air extend to everyone in a facility. Proactively minimising airborne contaminants in facilities:

**1/5** consumers are not confident about the Covid-19 hygiene measures in place within local business.

Sick Building Syndrome (SBS) is responsible for

**24.6 million**

lost working days a year.



**Improves productivity**



**Reduces absenteeism from allergies, asthma, colds and flu**



**Improves perceptions of a facility**



**Reduces common complaints, such as odours**



**Creates a more positive and health-focused work environment**

*Clear Air = Focused Mind*

At **phs**, we have a range of products that are proven to improve air quality and hygiene, increase productivity and promote positive well-being in the workplace

## > The **phs** clean air solution



### AERAMAX PROFESSIONAL PURE VIEW



- On-board sensors make the invisible becomes visible.
- Two high grade laser particle counters monitor air quality in and out.
- Particle (PM2.5) and VOC data displayed, with more intelligent EnviroSmart.

To combat interior air pollution and create a safe interior environment, we recommend installing an **AERAMAX** device in your premises. These professional air purifiers demonstrated, through independent laboratory testing, to be effective in eliminating aerosolised concentration of SARS-CoV-2 (COVID-19) by 99.9999% through a single air pass test of the purifier.

In addition, **AERAMAX PROFESSIONAL** air purifiers reached 99.99% airborne reduction of a surrogate Human Coronavirus 229E in a 20m<sup>3</sup> test chamber within 1 hour of operation in a separate test.

#### Key benefits:

- **HEPA Filtration - cleans the air**  
Removes 99.99% of harmful germs, allergens, and particulates from the air.
- **Well-being - expression of care**  
Demonstrates a greater level of consideration and concern for providing a higher overall level of well-being.
- **Active carbon - odour control**  
The hybrid 2-in-1 filter, combining activated carbon, 'adsorbs' odours and volatile organic compounds (VOCs).

To learn more about how the **AERAMAX PROFESSIONAL PURE VIEW** can clean your air, [click here](#)

Expert **phs** technicians will install and maintain your device, ensuring that providing clean air to your customers and employees is as easy as possible.

Model	phs AERAMAX PROFESSIONAL II	phs AERAMAX PROFESSIONAL PURE VIEW III	phs AERAMAX PROFESSIONAL PURE VIEW IV
<b>Size</b>	566x348x102mm	508x533x228mm	497x881x228mm
<b>Weight</b>	4.8kg	9.2kg	15.1kg
<b>Coverage</b>	20-30m <sup>2</sup>	30-65m <sup>2</sup>	60-130m <sup>2</sup>
<b>Service frequency</b>	1 pa	1, 2, 4 pa	1, 2, 4 pa



## BIOZONE

The advanced air purification system



**BIOZONE** is an advanced air purification system that improves the hygiene both in the air and on surfaces. It works 24 hours a day and uses a combination of sterilising techniques to destroy viruses and resolve permanent odour problems.

It destroys viruses including flu, E.coli, Salmonella and Streptococcus. **BIOZONE** Scientific's **BIOZONE AC®** unit was independently tested for effectiveness against SARS-CoV-2, the virus that causes COVID-19, by a third-party lab. In the test report, it was stated that the BioZone AC® unit repeatedly demonstrated inactivation of more than 99.3% of the SARS-CoV-2 virus in 30 minutes.

### Product specification

<b>Size</b>	40.1cm x 13.1cm x 9.1cm
<b>Body weight</b>	0.96kg
<b>Power rating</b>	16W 220-240V/110V

### Key features:

- Destroys 99.999% of bacteria in the air and viruses on surfaces
- Quiet operation 24/7 operation
- Costs less to run than a low energy lightbulb
- Advanced technology uses 5 different techniques to destroy odour causing bacteria
- Available on a fully serviced contract basis

Completely automated and chemical free, it draws in air and treats it using UV light and photo-catalytic oxidation. The sterilised air is then emitted along with ozone, Photoplasma and negative ions to help eliminate environmental odour causing bacteria.

To find out more about our **BIOZONE**, [click here](#)



## The **MINI POWERZONE**

Portable and designed to use on empty spaces



### Product specification

<b>Size</b>	52.5cm x 13cm x 10cm
<b>Body weight</b>	2.7kg
<b>Power cable</b>	4m
<b>Operation</b>	Mains operated
<b>Voltage</b>	220-240V/110V
<b>Power</b>	69W
<b>Features</b>	Programmable timer with easy push button controls Audible status alarm Runtime clock display

The **MINI POWERZONE** unit utilises advanced technology to create a powerful hygiene system. Like the **BIOZONE** AirCare Device, it destroys viruses including COVID-19, flu, E. coli, Salmonella and Streptococcus.

The **MINI POWERZONE** is lightweight and portable. It is designed to be used in unoccupied spaces and features a programmable timer which allows the user to set the treatment time in increments of 10 minutes, making it ideal for use in beauty treatment rooms, hotels, and holiday lets. It is simple and easy to use, once the unit is set-up it requires no additional user intervention.

### Key features :

- Destroys 99.999% of bacteria in the air and viruses on surfaces
- Eliminates all odours including from smoke or chemicals
- Automated and chemical free, it works quickly and effectively and leaves no residue
- Lightweight, portable solution enables it to be used where and when it's needed
- Minimal maintenance – requires simple UV lamp replacement after 9,000 hours of use
- Minimal running costs - less than 10p per use

To find out more about our **MINI POWERZONE**, [click here](#)

## > The hygienic hand drying solution



**AIRSTREAM PURE**  
hand dryer

Exclusive to **phs**, the **AIRSTREAM PURE** includes integral HEPA filters removing 99.9% of bacteria and viruses from the drying air, providing the ultimate hygienic hand drying facility, ideal for any washroom. It also offers a fast dry time of less than 15 seconds, making it energy efficient and cost effective. The filters remove viruses, bacteria, mould, pollen, and other allergens, and incorporate an antibacterial coating which helps eradicate micro-organisms, ensuring that only hygienically clean air is blown onto users hands.

### Product specification

<b>Size</b>	28.2cm x 26cm x 15.2cm
<b>Body weight</b>	3.2kg
<b>Colour type</b>	White, nickel and black

To find out more about our **AIRSTREAM PURE**, [click here](#)



Create an immersive scent experience with a highly effective air freshener that eliminates malodours.



**AIRSCENT BURST**

The **AIRSCENT BURST** dispenses a regular and measured dose of aerosolised fragrance into the air to help maintain freshness. Its compact design and extensive choice of fragrances makes it an ideal system for any environment.

### **Pleasant and effective fragrance**

The **AIRSCENT BURST** dispenses a regular dose of aerosolised fragrance into the air 24 hours a day. With an exciting choice of fragrances, these light yet powerful scents are designed to invoke a sense of freshness and cleanliness, while removing unwanted odour. The unit is battery operated, and presents an audible warning 'beep' prior to fragrance being released.

As standard, fragrance is dispensed every 20 minutes, however the unit can be adjusted by the service technician to dispense fragrance every 10, 20 or 30 minute intervals.

#### **Product specification**

<b>Size</b>	16.5cm x 23.5cm x 9.6cm
<b>Body weight</b>	0.86kg
<b>Operation</b>	Battery Operated (4 x AA Alkaline batteries)
<b>Construction</b>	Strong and durable ABS
<b>Fragrance dispersal</b>	Every 10, 20, or 30 minutes.

#### **Key features:**

- Ideal for use in and out of washroom environments
- Dispenses an aerosolised dose of fragrance
- AROMAGUARD technology neutralises and eliminates unwanted odours
- A wide range of fragrances to choose from
- Perfect for any environment including washrooms and other indoor spaces
- Available in white, black or nickel



Available with your choice of scent



### Installation

It is recommended that the unit be installed well above head height (above 2.1m) to avoid the aerosolised fragrance coming into contact with passers-by and to reduce the risk of vandalism.

### Improved sustainability

The **AIRSCENT BURST** uses AROMAGUARD malodour counteractant technology, to neutralise and eliminate unwanted odours.

### Fully serviced

The **AIRSCENT BURST** is a fully serviced unit, with **phs** ensuring that it is always fully functioning and dispensing fragrance without any input from your employees.

### Improved sustainability with our AIRSCENT BURST

The cans for our new range of air freshener fragrances are smaller, which means we have been able to reduce VOC's by over 60%; reduce our packaging and therefore reduce the number of containers needed to transport the goods. This has led to a significant reduction in transport emissions.

In addition, our fragrances are now suitable for locations with a vegan or vegetarian ethos; the manufacture and development of our fragrances does not involve the use of any animal product, by-product or derivative, and does not involve testing of any kind on animals.

To find out more about our **AIRSCENT BURST** [click here](#)

### Recycling: Wasting no time

We have brought our recycling operation in-house – any product that cannot be reused or refurbished is passed to our Coleshill recycling centre to be broken down, with the components being put individually into various waste and recycling streams for collection.

## > Indoor plants



Employees may be nervous about adjusting to workplace social distancing guidelines. However, by introducing plants into corporate and commercial environments, you can make a positive difference to employee health and well-being.

Plant topped Directional Signage can be used to provides a modern solution to social distancing requirements. They will create a rich and friendly atmosphere, and you could even choose plants to match your brand colours.

According to the NASA Clean Air Study that was published in 1989, there are a number of **indoor plants that remove harmful toxins** from the air, such as those found in everyday items that are likely to be in your work environment. These include benzene in plastic resins and paints, ammonia in cleaning products, and formaldehyde in paper towels, carpets, plywood, tissues, and computer equipment.

Frequent exposure to these 'everyday toxins' can have a negative impact on your health as they cause a range of symptoms that can make you feel generally unwell. These range from headaches, dizziness, nausea, and vomiting, to a sore throat and irritation of the eyes.

Additionally, benzene, ammonia, formaldehyde, and trichloroethylene

(found in printing inks) can also cause Sick Building Syndrome (SBS), where an individual experiences these unpleasant symptoms, and other adverse health effects, after spending an extended period of time in the same building, such as their place of work.

As well as removing these everyday toxins from the air, office plants also absorb carbon monoxide and CO<sub>2</sub>. These, in high levels, can be extremely harmful to both human health and the environment.

Research has shown that introducing plants to the office can **lower feelings of tension and anxiety by around 37%**, while another study concluded that the **performance of students improved** when plants were brought into the classroom. Not only that, but plants in hospitals have been shown to **speed up patients' recovery** times.

## > Indoor living walls

If you're looking to implement social distancing in your premises while maintaining a friendly environment, plant filled living walls and room dividers are the ideal solution.

Plants provide endless benefits to human health. From improved air quality to increased mood and reduced stress, plants truly enhance our well-being while making us smile.

To help businesses get back to work safely during the coronavirus pandemic, **phs Greenleaf** have developed innovative planting solutions that will create a safe and aesthetically pleasing environment.

Our indoor living walls are perfect for adding colour and texture to your workplace and we can help you design and choose the plants that will best suit your environment. Turn any indoor space into a healthy environment with a thriving vertical garden, bringing the outdoors indoors, and your customers, staff or pupils will reap the benefits.

To find out more about **phs Greenleaf**, and how we can help make your environment cleaner and healthier, [click here](#)





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