

# TECHNOLOGY & NATURE

T O G E T H E R

D I S C O V E R

## NATURE IN HARMONY



### Active Radiant Catalysis (ARC®)

Our proprietary photocatalytic oxidation (PCO) technology uses energy to activate a catalyst, turning moisture into products that continuously clean your space.

### Activated Oxygen

Activated oxygen attaches itself to contaminants at the molecular level, destroying them. This process eliminates the contaminant reverting back to oxygen.

### Ionisation

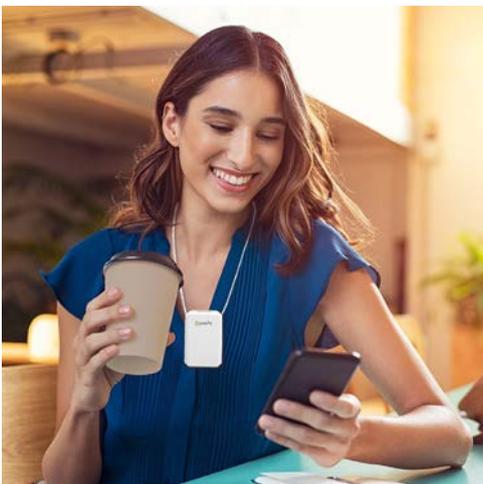
Remove allergens and other harmful pathogens from the breathing space, either by pushing them away or causing them to clump together and fall to the floor.

# Introduction: Changing the way we live

GreenTech Environmental's commercial and industrial focus specialises in the design, engineering, and manufacturing of unique solutions for large-scale applications.

By utilising advanced active air purification technologies, we offer a diverse assortment of commercial products and parts used in education, healthcare, agriculture, office spaces, hospitality, and more.

GreenTech uses Active Radiant Catalysis (ARC®), to reduce odours and pathogens. Featuring the same purification technology developed and used by NASA, our products actively purify a range of indoor spaces to continuously clean the air and surfaces.



## Active Oxidation Improves Air Quality

Today, Greentech offers more than 50 diverse products and distributes them to over 20 countries worldwide, helping millions of people affected by environmental issues live healthier and feel better.





**Enjoy life  
with an air  
of confidence**



### **About us**

Creating a Clean World. What began as a focus on the air we breathe at home has become a broad range of high-quality products each addressing unique human needs to help people live happier, healthier lives.

As GreenTech Environmental moves forward, you can expect to see more products that continue the legacy of creating a clean world for every family and every home.

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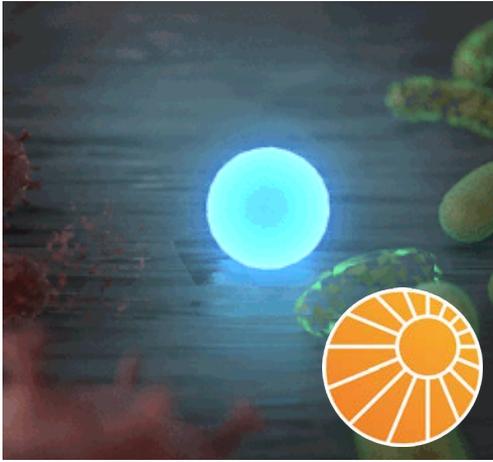
From portable to home devices to help you live better.

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How to book your free consultation and take action

# ACTIVE AIR PURIFICATION, POWERED BY SCIENCE YOU KNOW



## Active Radiant Catalysis (ARC®)

Like the **SUN**, Active Radiant Catalysis (ARC®), our proprietary form of photocatalytic oxidation, uses ultraviolet energy to activate a catalyst that converts water vapor into peroxide and hydroxyls. Simply put, it turns moisture into a form of hydrogen peroxide, destroying microbes and rendering contaminants harmless.



## Activated Oxygen

**LIGHTNING'S** powerful electrical discharge adds an extra molecule to oxygen, creating activated oxygen or ozone. This purification product is found in all outdoor environments.



## Bipolar Ionisation

**MAGNETS** either pull together or push apart depending on how their charges are aligned. Ionisation works the same way. Using electrical charges to interact with particulates, like the dust you can see floating in a sunbeam, ions draw them together until they are too heavy to remain in your breathing space and they fall to the floor.

**BETTER TOGETHER:** Particle removal efficacy when combining BPI with PCO technology is up to 6x more effective than using just one of these technologies on its own (2019, Dalian Institute of Chemical Physics, Chinese Academy of Sciences). While many purification companies feature one of these technologies, only GreenTech brings the power of ALL this science found in the outdoors to clean and purify your indoors.

Our purification solutions are offered in wearable, mountable, portable, and in-duct products, making them customisable to fit any indoor air purification needs.



## Improving air quality creates more productivity and reduces absenteeism.

**OFFICE BUILDINGS:** A 2021 Harvard School of Public Health study proved outdoor air improves air quality because outdoor air is self-cleaning. This study proved poor indoor ventilation increases drowsiness and decreases cognitive function in office workers. When subjects were exposed to lowered levels of volatile organic compounds (VOC), cognitive results significantly improved.

<http://bit.ly/IndoorAirQualityStudy>

**SCHOOLS:** Better air, better learning and health outcomes for students. Poor indoor air quality in schools is responsible for over 14 million missed school days per year. Children are particularly susceptible to sick building syndrome caused by indoor exposure to VOC, dust, and moulds, because of their increased breathing rates. Poor indoor air quality in schools is attributed to a 10-20% increase in days away from school (World Green Building Council).

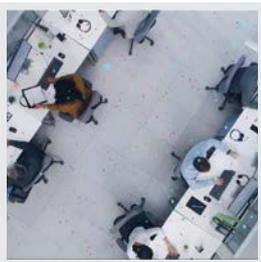
**RESTAURANTS - HOTELS - SPORTS FACILITIES - SHOPPING MALLS:** Customers are more aware of air quality than ever before and they're making buying choices based on where they feel safe. In fact, 91% consider indoor air quality important in the prevention of COVID-19 and 77% said proof about a hotel's indoor air quality would impact their decision on where to stay (Carbon Lighthouse).



# Commercial

Our range for business, venues and large spaces

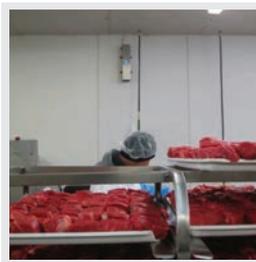
GreenTech Environmental's commercial and industrial focus specialises in the design, engineering, and manufacturing of unique solutions for large-scale applications. By utilising advanced active air purification technologies, we offer a diverse assortment of commercial products and parts used in education, healthcare, agriculture, office spaces, hospitality, and more.



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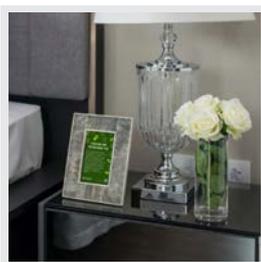
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# HVAC

Continuous Air Purification, Improving Indoor Air Quality (IAQ) & Creating a Healthier Environment.



**pureAir HVAC** transforms your space into a continuously fresh and clean environment, removing harmful airborne pollutants.

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen/ozone (optional), and ionisation, pureAir HVAC significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

Customised for your purification needs, pureAir HVAC is installed inside existing ductwork, for an easy to use purification solution for homes, offices, or other public spaces.

## Continuously cleans the air throughout your space

Unlike passive filters that affect only air that passes through them, pureAir HVAC projects purifying solutions to the sources of pollution, continuously removing odours and airborne particles.

## Neutralises tough odours

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen/ozone (optional), and ionisation, pureAir HVAC significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

## Reduce allergens from your breathing space

Negative ions are projected out into your space, causing harmful particulates including pet dander, pollen, and other allergens to clump together until they fall out of the breathing space and can be swept up or caught in your HVAC filter.

## Easy to set up, easy to use

With easy setup, use, and maintenance, improving the air quality of your indoor environment is a breeze. pureAir HVAC does not require filter replacements. Only once-per-year part replacement will make it simple and affordable to enjoy pure freshness.

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | Yes   | Optional  |

## Specifications

Dimensions:  
10.25" H (260mm) x 9.25" W (234mm) x 3.00" D (88.9mm)

Weight:  
3lbs (1.36kg)

Materials:  
Powder Coated Aluminium

Warranty:  
2 Year Manufacturer's Warranty



# pureAir 750 wall-mount

**Continuous Air Purification, Improving Indoor Air Quality (IAQ) & Creating a Healthier Environment.**



**pureAir 750** transforms your space into a continuously fresh and clean environment, removing harmful airborne pollutants.

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen/ozone (optional), and ionisation, pureAir 750 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

Installed without requiring any existing ductwork, the permanently mounted pureAir 750 is an easy to use purification solution for classrooms, offices, or other public spaces.

## Continuously cleans the air throughout your space

Unlike passive filters that affect only air that passes through them, pureAir 750 projects purifying solutions to the sources of pollution, continuously removing odours and airborne particles.

## Neutralises tough odours

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen/ozone (optional), and ionisation, pureAir 750 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

## Reduce allergens from your breathing space

Negative ions are projected out into your space, causing harmful particulates including pet dander, pollen, and other allergens to clump together until they fall out of the breathing space and can be swept up or caught in your HVAC filter.

## Easy to set up, easy to use

With easy setup, use, and maintenance, improving the air quality of your indoor environment is a breeze. pureAir 750 does not require frequent air filter replacements. Regular cleanings and only once-per-year part replacement will make it simple and affordable to enjoy pure freshness.

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|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | Yes   | Optional  |

**Specifications**

Dimensions:  
10.25" H (260mm) x 9.25" W (234mm) x 3.00" D (88.9mm)

Weight:  
3lbs (1.36kg)

Materials:  
Powder Coated Aluminium

Warranty:  
2 Year Manufacturer's Warranty

# pureAir OMNI

Continuous Purification,  
Improving Indoor Air Quality  
(IAQ) & Creating a Healthier  
Environment.



pureAir OMNI by GreenTech is the next generation in air purification designed to reduce odours caused by bacteria, mould, and mildew throughout the indoor environment.

The purification technology in OMNI can be used in food processing, food preparation, food and ice storage, and food transportation. By purifying food contact spaces, pureAir OMNI improves the quality of shelf-life of food products.

The odour reducing capability also makes pureAir OMNI a perfect choice for commercial refrigerators or any location in which odour reduction is needed. Unlike cover-up chemicals, pureAir OMNI breaks down the biological components thereby eliminating the odour. The result is a fresh smelling and clean environment.

Cost-effective for food safety and other commercial applications, OMNI deactivates microorganisms and odour-causing bacteria.

Features Active Radiant Catalysis, or ARC®, a proprietary form of photocatalytic oxidation that uses a powerful broad-spectrum UV lamp to activate a quad-metallic catalyst, turning moisture into advanced oxidation products, or AOPs.

With a reactive surface area 16x greater than the competition, OMNI continuously purifies your space. The result is the significant reduction of odours caused by mould, bacteria, and volatile organic compounds as well as the reduction of allergens such as those caused by dust, pollen, or pet dander.

## Benefits

- Continuous Purification
- Reduces Odours
- Improves Food Safety and Shelf Life

## Features

- Convenient Wall Mounting and Glowing Operating Window
- Optional Ported Blower Plate and Hoses
- Sleek and Easy to Maintain with Replaceable ARC® Cell

## Technology

Active Radiant Catalysis (ARC®) - Our Proprietary Form of Photocatalytic Oxidation

## Specifications

Dimensions:  
18.5" H (470mm) x 6.30" W  
(160mm) x 4.40" D (112mm)

Weight:  
4.2lb/ 1.9kg

Materials: Powder Coated  
Aluminium and Stainless Steel

Warranty: 2 Year  
Manufacturer's Warranty

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | No  | Optional  |

# pureAir Overwatch

## Large-Area Commercial Purification



**OVERWATCH** provides continuous purification for all types of large commercial spaces. Our proprietary photocatalytic oxidation (PCO) technology uses energy to activate a catalyst, turning moisture into products that continuously clean your space.

### Stainless Steel Unit

The optional stainless steel casing allows for water-resistant use in spaces where water washing and rinsing is required. Recommended for food processing facilities, food warehouses & storage facilities.

OVERWATCH can be used to maintain a cleaner environment for meats, fruits, vegetables, flowers, and more!

### Roll-Around Unit

With exceptional portability and a

sleek aluminium case, the roll-around floor model also reduces odours in the air as well as those embedded in rugs and upholstery from sources such as pets, mould, and smoke. Recommended for remediation in large spaces such as hospitals, nursing homes, clinics, veterinary offices, schools, daycare facilities, gyms, locker rooms, athletic training facilities, restaurants, cafeterias, and more!

### Coated Aluminium Unit

The powder-coated aluminium casing allows for water-resistant use and easy maintenance. Easy to install suspended from the facility ceiling. Recommended for food processing facilities, food warehouses and storage facilities, as well as greenhouses, OVERWATCH can be used to maintain a cleaner environment for meats, fruits,

vegetables, flowers, and more!

### Applications

- Warehouses
- Grow Houses
- Distribution Centers
- Athletic Facilities
- Nursing Homes
- Food Processing & Storage

### Specifications

- A Coated Aluminium Unit
- B Roll-Around Unit
- C Stainless Steel Unit

Dimensions:  
 A 25.0" x 26.5" x 23.5"  
 B 20.6" x 24" x 18.6"  
 C 25.0" x 26.5" x 23.5"

Weight:  
 A 39 lb  
 B 41lb  
 C 80lb

Coverage (Square Footage):  
 10,000 ft<sup>2</sup>

Coverage (Square Footage):  
 160,000 ft<sup>3</sup>

Power: 120V / 143 W / 1.43 A

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | No  | Yes   |

# pureAir 750 Mobile

Purification for Transportation



## Active Oxidation Improves Air Quality

Providing continuous air purification, this permanently mounted unit is perfect for spaces without HVAC duct access. pureAir 750 MOBILE features the same active air purification technology developed and used by NASA.

Active Radiant Catalysis (ARC®), our proprietary form of photocatalytic oxidation (PCO) technology uses energy to activate a catalyst, turning moisture into products that continuously clean your space.

AOPs are propelled out into your space to hunt down particulates, even the very small ones. At the same time, negative ions charge particles such as dust, pollen and pet dander,

causing them to drop out of your breathing space.

With a reactive surface area more than 16x greater than the competition, pureAir 750 MOBILE continuously purifies your space. The result is the reduction of allergens from pets, pollen, and smoke, as well as odours from mould, mildew, and more.

## Technology

Active Radiant Catalysis (ARC®) - Our Proprietary Form of Photocatalytic Oxidation.

## Features & Specifications

- Active Air Purification; No Ductwork Required
- Easily Mounts Inside Vehicle

- 24/7 Odour and Particulate Reduction
- Replaceable ARC Cell and MERV Filter

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | Yes   | Optional  |

## Specifications

Dimensions:  
10.25" H (260mm) x 7.75" W  
(197mm) x 3.00" D (76.2mm)

Weight:  
2.8lbs (1.27kg)

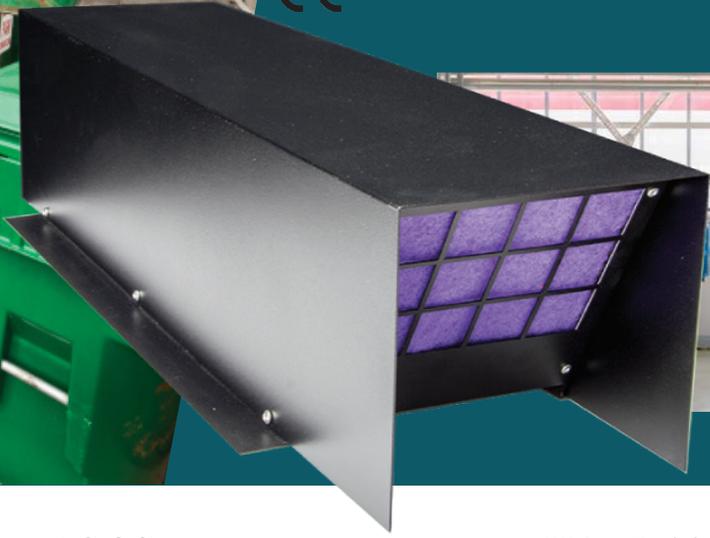
Materials:  
Powder Coated Aluminium

Warranty:  
2 Year Manufacturer's Warranty



# pureAir Core

## Solve Tough Odour Issues with CORE



**CORE** reduces odour-causing bacteria and gases in areas of high contamination like dumpsters, lift stations, or exhaust ventilation. Designed for indoor or outdoor commercial use, CORE produces scaleable, safe, and effective activated oxygen to deal with varying levels of odours caused by bacteria and other contaminants.

### Indoor/Outdoor

With options for indoor or outdoor commercial use, CORE uses UV light to produce activated oxygen (ozone)

### Scalable

Solve a wide variety of odour concerns with scalable purification levels

### Reliability

Low maintenance, long-term reliable operation

### Applications

- Remediation
- Dumpster Stations
- Lift Stations
- Exhaust Ventilation
- Indoor or Outdoor Options

### Features

- Active Air Purification
- Distributes purification evenly throughout the environment
- 24/7 odour and particulate reduction
- Reduces odours, such as those caused by bacteria and mould

- CORE - Scalable Purification (3 Modes)
- CORE S - Weather-tight and tamper resistant

### Specifications

- A CORE
- B CORE S

Dimensions:  
A 27.5" H (699mm) x 7.25" W (184mm) x 9.50" D (241mm)

B 37.5" H (953mm) x 17.0" W (432mm) x 10.5" D (267mm)

Weight: A 12 lb / B 37lb

Coverage (ft<sup>2</sup> / ft<sup>3</sup>):  
A 24,000 ft<sup>2</sup> / 192,000 ft<sup>3</sup>  
B N/A

Output:  
A 3.34 gms/hr, 6.67 gms/hr, 10.0 gms/hr  
B 10.0 gms/hr

Warranty: 2 Year  
Manufacturer's Warranty

|                          |            |               |
|--------------------------|------------|---------------|
|                          |            |               |
| Active Radiant Catalysis | Ionisation | Active Oxygen |
| No                       | No         | Yes           |

# pureAir 3000

Active Air Purifier for Spaces up to 3000 Square Feet



**pureAir 3000** is the solution to indoor air quality in homes or offices up to 3000 ft<sup>2</sup>. Using three advanced technologies, pureAir 3000 helps to reduce odours, smoke, pollen, dust, bacteria, mould, pet dander, viruses, and much more. Noticeable pollution is reduced in as little as 15 minutes and the most difficult pollution in as few as 24 hours.

**pureAir 3000** destroys pollution from the air, embedded in walls, ceilings, floors, carpets, furniture, clothing, on countertops and other surfaces.

These technologies help to sanitise everything in the house and reduce or eliminate all odours, including cigarette smoke, mildew, cooking odours, and more. A small, sleek design makes it an elegant addition to any space, and its convenient remote

control allows for simple purification level adjustment.

**pureAir 3000** transforms your space into a continuously fresh and clean environment, reducing harmful airborne pollutants.

A small, sleek design makes it an elegant addition to any space, and a convenient remote control allows for simple purification level adjustment. Ideal for offices up to 3,000 square feet.

## Reduce allergens from your breathing space

Negative ions are projected out into your space, causing harmful particulates including pet dander, pollen, and other allergens to clump together until they fall out of the

breathing space and can be swept up or caught in your HVAC filter.

## Easy to set up, easy to use

With easy setup, use, and maintenance, improving the air quality of your indoor environment is a breeze. pureAir 3000 does not require frequent air filter replacements. Regular cleanings and only once-per-year part replacement will make it simple and affordable to keep your space fresh.

## Specifications

Dimensions:  
12.25" H (311mm) x 8.88" W  
(226mm) x 10.75" D (273mm)

Weight:  
9.04 lb (4.10kg)

Remote Control:  
Controls Power, Purification  
Level, Fan Speed, Away Mode,  
Silent Mode.

Warranty:  
1 Year Manufacturer's Warranty

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | Yes   | Optional (scalable*)  |

# pureAir 1500

Active Air Purifier for Spaces up to 1500 Square Feet



**pureAir 1500** transforms your space into a continuously fresh and clean environment, reducing harmful airborne pollutants.

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen (ozone), and ionisation, pureAir 1500 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

A small, sleek design makes it an elegant addition to any space, and a convenient remote control allows for simple purification level adjustment.

### Continuously cleans the air throughout your space

Unlike passive filters that affect only air that passes through them, pureAir 1500 projects purifying solutions to the sources of pollution inside your home, continuously removing odours and airborne particles. Set your desired level of cleaning for while you are home or run a deep clean while you are away and come home to pure freshness!

### Neutralises tough odours

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen (ozone), and ionisation, pureAir 1500 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

### Reduce allergens from your breathing space

Negative ions are projected out into your space, causing harmful particulates including pet dander, pollen, and other allergens to clump together until they fall out of the breathing space and can be swept up or caught in your HVAC filter.

### Easy to set up, easy to use

With easy setup, use, and maintenance, improving the air quality of your indoor environment is a breeze. pureAir 1500 does not require frequent air filter replacements. Regular cleanings and only once-per-year part replacement will make it simple and affordable to keep your home fresh.

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| Yes   | Yes   | Optional (scalable*)  |

### Specifications

Dimensions: 6.75" H (171mm) x 6.50" W (165mm) x 7.00" D (178mm)

Weight: 3lbs (1.36kg)

Remote Control: Controls Power, Purification Level, Fan Speed, Away Mode, Silent Mode

Warranty: 1 Year Manufacturer's Warranty

# pureAir Solo

## Personal Air Purification



**pureAir SOLO** is a sleek, wearable air purifier that creates a personal 3 ft. clean-air zone by repelling particles from your breathing space. Visit friends and family without the negative effects of other's pet dander, perfumes, or colognes.

When used with a conventional face filtering mask, continuous emission of unipolar air ions has been shown to considerably enhance the filtering efficiency against fine and ultra-fine particles.\* The effect is driven by the repelling forces that charged ions create between the mask and the aerosol particles, creating an "electrostatic shield" against incoming particles.

Purification lasts all day, with a rechargeable battery providing over 24 hours of use per charge. It includes a USB charging cable and

breakaway neck cord. Use pureAir SOLO to enhance other healthy habits. pureAir SOLO is not a medical device and is not a replacement for other practices recommended by the CDC.

### Easy to use

Place around your neck using the breakaway lanyard cord and turn it on.

### Rechargeable

Up to 28 hours of purification bliss before needing to recharge its lithium battery.

### Powerful purification

Solid platinum permanent emitter and gold-plated stainless steel

collectors produce ion density of 50 million per cubic cm, at an ion wind of 90 feet per minute.

### Applications

- Travel • Running Errands • Schools
- Waiting Rooms • Offices • Social Gatherings • Gardening • Allergy Relief • And More!

\*Enhancement effects of 20 fold to over 3000 fold were demonstrated depending on mask type. Lee et al. (2005). Filtering Efficiency of 95 and R95-Type Facepiece Respirators, Dust-Mist Facepiece Respirators, and Surgical Masks Operating in Unipolarly Ionised Indoor Air Environments. Aerosol and Air Quality. Vol. 5, No. 1. pp. 25-38

### Specifications

Dimensions:  
2.95" H (75mm) x 1.94" W (49mm) x .67" D (17mm)

Weight:  
2.22 oz (64g)

Accessories:  
Breakaway Neck Lanyard

Warranty:  
1 Year Manufacturer's Warranty

|   |   |   |
|---|---|---|
|  |  |  |
| Active Radiant Catalysis  | Ionisation  | Active Oxygen   |
| No  | Yes   | No  |

# Safety Assets

Support collateral available for your use to explain to your clients and staff the benefits of pureAir products.



## HOW WE ARE PROTECTING YOU

We have always been proactive about health and safety at [Company]. Because of this commitment, we have added advanced active air purification to our air handling units. GreenTech Environmental's ARC Technology reduces exposure to germs, allergens, and other pathogens, both in the air and on surfaces. We have taken this step to help protect our employees and customers, as well improve our indoor air quality. Thank you for being a valued part of [Company]. We want you to know everything that we are doing to help you stay healthy.

**GREENTECH**  
ENVIRONMENTAL  
EUROPE

GreenTechEnvEurope.com

# Residential

Our range for residential use

pureAir air purifiers transform stale indoor air into fresh, purified air for you and your family to breathe. Using proven active purification technologies, our personal air purifiers, room air purifiers, and whole home air purifiers reduce odours, such as those caused by bacteria, mould, pets, and smoke, as well as remove irritants, such as pet dander, dust, and other allergens from your breathing space. Easy to set up and use, these air purifiers are ideal for those sensitive to odours caused by smoking, cats, dogs, cooking and perfumes.



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# solo

## Personal Air Purification



**pureAir SOLO** is a sleek, wearable air purifier that creates a personal 3 ft. clean-air zone by repelling particles from your breathing space. Visit friends and family without the negative effects of other's pet dander, perfumes, or colognes.

When used with a conventional face filtering mask, continuous

emission of unipolar air ions has been shown to considerably enhance the filtering efficiency against fine and ultra-fine particles.\*

The effect is driven by the repelling forces that charged ions create between the mask and the aerosol particles, creating an "electrostatic shield" against incoming particles.

Purification lasts all day, with a rechargeable battery providing over 24 hours of use per charge. It includes a USB charging cable and breakaway neck cord. Use pureAir SOLO to enhance other healthy habits. pureAir SOLO is not a medical device and is not a replacement for other practices recommended by the CDC.

### LEARN MORE

|                          |            |               |
|--------------------------|------------|---------------|
|                          |            |               |
| Active Radiant Catalysis | Ionisation | Active Oxygen |
| No                       | Yes        | No            |



### Features

- Sleek, fashion-forward design
- Easy to use
- Rechargeable
- Powerful purification

### Applications

- Travel • Running Errands • Schools  
Waiting Rooms • Offices • Social Gatherings  
• Gardening • Allergy Relief • And More!



# fridge

## Refrigerator Purification

CE



**pureAir FRIDGE** extends the life of fruits and vegetables and removes embarrassing refrigerator odours. Using ionisation and activated oxygen (ozone) technologies, pureAir FRIDGE reduces ethylene gas from decaying food and neutralises pesticides. Foul food

odours are eliminated and your fridge will smell fresh every time you open the door.

Powered by a lithium-ion battery and equipped with photosensor technology, pureAir FRIDGE intelligently displays a battery life

notification LED light and audibly alerts low battery when the door is opened. pureAir FRIDGE is simple to maintain and clean, and charges in less than 4 hours to purify your refrigerator for up to 24 days. Its compact design allows for flexible placement.

[LEARN MORE](#)



|                          |            |               |
|--------------------------|------------|---------------|
|                          |            |               |
| Active Radiant Catalysis | Ionisation | Active Oxygen |
| No                       | No         | Yes           |

### Features

- Active air purification
- Distributes purification evenly throughout the space
- Reduces contaminants in the air
- Keeps produce fresh 3x longer
- Compact, easy to use, long-life rechargeable battery



# pureAir 50

Active Air Purifier for Spaces up to 325 Square Feet



pureAir 50 transforms your space into a continuously fresh and clean environment, reducing harmful airborne pollutants.

Using advanced technologies including activated oxygen (ozone) and ionisation, pureAir 50 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating

other odours, including those from pets, cooking, and smoking.

A small, sleek design makes it an elegant addition to any space, and the dial control allows for simple purification level adjustment. Its small size is perfect for travel, allowing you to freshen the air anywhere. Simply plug it in and turn the dial to your desired level

of purification. The solution for stale, stinky air is just an outlet away!

Ideal for spaces up to 325 square feet\*.

\*Based on average ceiling height of 8.5' and open floor plan and/or adjoining rooms for single level dwelling.

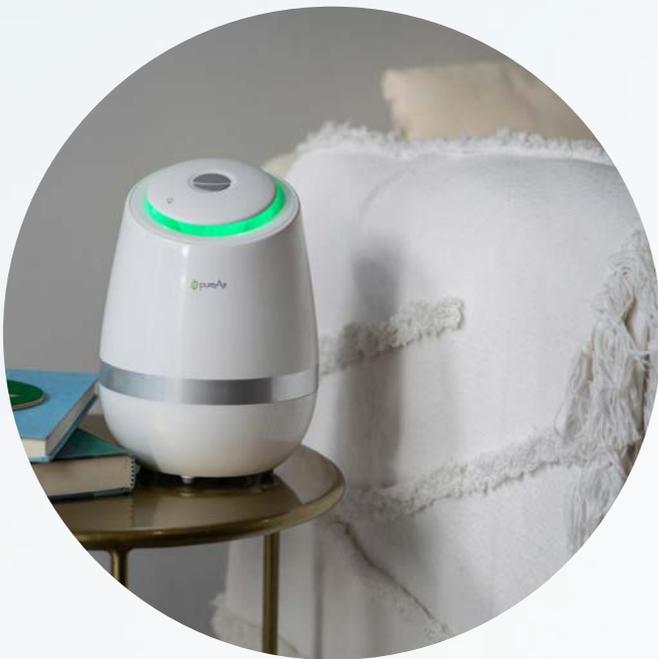
**LEARN MORE**

|                          |            |                |
|--------------------------|------------|----------------|
|                          |            |                |
| Active Radiant Catalysis | Ionisation | Active Oxygen  |
| No                       | No         | Yes (scalable) |



## Features

- Safe for humans and animals
- Scalable purification
- Easy setup and use. No filters to replace.



# pureAir 500

Active Air Purifier for Spaces up to 850 Square Feet



pureAir 500 transforms your space into a continuously fresh and clean environment, reducing harmful airborne pollutants.

Using advanced technologies including activated oxygen (ozone), ionisation, and HEPA carbon filtration, pureAir 500 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

A small, sleek design makes it an elegant addition to any space, and the touch controls allow for simple purification level adjustment.

pureAir 500's operation is just as simple as its design; choose the continuous setting (green) for a constant ionic clean or use the burst setting (blue) with automatically timed activated oxygen to deal with tougher odours.

There's even an away setting (red) that deep cleans the air in your room while you're out running errands and the space is unoccupied.

Ideal for spaces up to 850 square feet\*.

\*Based on average ceiling height of 8.5' and open floor plan and/or adjoining rooms for single level dwelling.

[LEARN MORE](#)

## Technical Data

Dimensions: 9.00" H (229mm) x 6.25" W (159mm) x 6.25" D (159mm)

Weight: 26 oz (737g)

Effective Area of 650-850 ft

|                          |            |                |
|--------------------------|------------|----------------|
|                          |            |                |
| Active Radiant Catalysis | Ionisation | Active Oxygen  |
| No                       | Yes        | Yes (scalable) |



# pureAir 1500

Active Air Purifier for Spaces up to 1500 Square Feet



**pureAir 1500** transforms your space into a continuously fresh and clean environment, reducing harmful airborne pollutants.

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen (ozone), and ionisation, pureAir 1500 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating

other odours, including those from pets, cooking, and smoking.

A small, sleek design makes it an elegant addition to any space, and a convenient remote control allows for simple purification level adjustment.

Ideal for homes or offices up to 1,500 square feet\*.

\*Based on average ceiling height

of 8.5' and open floor plan and/or adjoining rooms for single level dwelling

Cleans the air throughout your home – even while you're away

Set your desired level of cleaning for while you are home or run a deep clean while you are away and come home to pure freshness!

**LEARN MORE**

## Features

- Neutralises tough odours
- Reduce allergens from your breathing space
- Easy setup and use.



|                          |            |                     |
|--------------------------|------------|---------------------|
|                          |            |                     |
| Active Radiant Catalysis | Ionisation | Active Oxygen       |
| Yes                      | Yes        | Optional (scalable) |



# pureAir 3000

Active Air Purifier for Spaces up to 3000 Square Feet



**pureAir 3000** transforms your space into a continuously fresh and clean environment, reducing harmful airborne pollutants.

Using advanced technologies including our proprietary form of photocatalytic oxidation, active radiant catalysis (ARC®), activated oxygen (ozone), and ionisation, pureAir 3000 significantly reduces odours caused by bacteria, mould and mildew, as well as eliminating other odours, including those from pets, cooking, and smoking.

A small, sleek design makes it an elegant addition to any space, and a convenient remote control allows for simple purification level adjustment.

Ideal for homes or offices up to 3,000 square feet\*.

\*Based on average ceiling height of 8.5' and open floor plan and/or adjoining rooms for single level dwelling.

Cleans the air throughout your

home – even while you're away. Unlike passive filters that affect only air that passes through them, pureAir 3000 projects purifying solutions to the sources of pollution inside your home, continuously removing odours and airborne particles.

Set your desired level of cleaning for while you are home or run a deep clean while you are away and come home to pure freshness!

**LEARN MORE**

## Features

- Neutralises tough odours
- Reduce allergens from your breathing space
- Easy setup and use.



|                          |            |                     |
|--------------------------|------------|---------------------|
|                          |            |                     |
| Active Radiant Catalysis | Ionisation | Active Oxygen       |
| Yes                      | Yes        | Optional (scalable) |



# CUSTOMER FEEDBACK

**Dr. Charendra Ahmed,  
Director Disease Control & Prevention,  
Al Mouwasat Hospital**



At Al Mouwasat Hospital, we always take the extra step to ensure we offer the highest level of care, safety, and services to our patients, by continuously adopting new medical breakthrough technologies and innovations. Pure Air HVAC from GreenTech supports our mission statement, and we were astonished by the before and after installation results in our hospital. Not only did it eliminate the viruses and pathogen in the air and on surfaces by above 95%, but we also saw a massive reduction in mould and mildew. Eliminating the chances of contracting a virus or illness from our hospitals, gives us peace of mind knowing that we have created a safer indoor air quality environment for our patients and staff.

**New York Yankees, Steinbrenner Field**



“ARC HVAC technology really provides an extra layer of certainty for everyone at Steinbrenner Field,” said Steven Haywood, M.D., a medical doctor, and former respiratory therapist and who advises GreenTech Environmental.

“Alone, no single mitigation effort is 100% effective at keeping bacteria, mould, and viruses out of our respiratory system. Staying healthy requires a multi-layered approach and ARC air purification is a clean technology that I’m comfortable using in my own home as part of an overall indoor air purification effort,” continued Haywood.

## Madisonville Consolidated Independent School District



When a school district in Texas searched for a way to reduce its incidence of MERS, its athletic director turned to ARC technology. Within weeks of installing units in high traffic areas of the district schools, sick days were greatly reduced and MERS was no longer detected in the locker room. Since installing the units, the school district continues to see reduced instances of sickness and sick days compared with Texas state data.

## Navasota ISD



"Using advanced technologies including active radiant catalysis (ARC), activated oxygen, and ionisation, these air purifiers will help us combat odours caused by bacteria, pollen, mould, allergens, and dust in our schools," stated Gonzalez. "We view this implementation as an additional step in helping keep the environments healthy for our students, staff, and community."

Gonzalez said NISD has been working closely with Grimes County officials including Grimes County Judge Joe Fauth and Pct. 3 Commissioner Barbara Walker to see if the purchase of the air purifiers can be reimbursed as part of the Coronavirus Relief Fund.

"After completing these purchases at the district level, we will submit these invoices for reimbursement to Grimes County officials as a Public Health expense under the Coronavirus Relief Fund guidelines. The county auditor will then forward these invoices to the state for approval and reimbursement to the county, and finally to the district, from the Coronavirus Relief Fund," explained Gonzalez. "We appreciate the assistance being offered by Judge Fauth and our Grimes County officials, and the support from our School Board for approving this purchase, helping keep our environments healthy for students, staff, and community."

## TDS The Distribution Solution



Being in the fulfilment business it has been vital that we keep our staff's welfare as our highest priority. With no air conditioning nor ducting system it was difficult to find a solution to providing clean air. Having found the Pure Air 3000 all our staff have felt a distinct difference in the air quality of our working environment. I would highly recommend the Pure Air 3000 as a very easy and cost effective solution to impacting the air quality of your working and indeed home environment.

## Mrs Lily Wallace, Dungiven, N. Ireland

Having invested in a pureAir 500 because of the 3 different mode settings, I employed the help of a local painter to carry out work on redecorating the hall, stairs and landing in my home, I found the 500 unit fantastic enabling me to deep clean as well as remove the smell of paint while the work was being carried out.

I love my pureAir 500 unit, it gives me the peace of mind knowing that I can rely on it to ionise - filter and kill viruses and bacteria all in one unit.



# pureAIR 3000 FAQs



Q Where should I place the pureAIR 3000 Whole Home Air Purifier?

A It is best to locate it in the most occupied area of the home as high up as possible. A good choice would probably be in the living room on a bookshelf.

Q How does the pureAIR 3000 Whole Home Air Purifier compare to others on the market?

A Unlike most air cleaning systems that require the pollutants to be brought to the device, called passive devices (like a filter), the pureAIR 3000 Whole Home Air Purifier is proactive. It attacks pollution at its various sources throughout the indoor environment including in your breathing space and on surfaces. Literally anywhere the air can get to the pureAIR 3000 Whole Home Air Purifier can purify, reducing particles, breaking down dangerous gasses, and inactivating mould, bacteria, and viruses. That's the difference, active technology versus passive technology.

Q How does the technology work?

A The pureAIR 3000 Whole Home Air Purifier uses four distinct technologies to break down/destroy pollutants such as the thousands of volatile organic compounds (VOCs), odour causing compounds, mould, bacteria, viruses, and particulate (dust/dander) that are found in the indoor environment. These technologies include:

- \* Two Types of Ionisation (Pulse And Needlepoint)
- \* Photocatalytic Oxidation (PCO)
- \* Low Level Activated Oxygen (Ozone)
- \* Electrostatic Filtration

Q How do I determine what mode I should use the pureAIR 3000 Whole Home Air Purifier in?

A More is not necessarily better when it comes to air purification. The goal of the pureAIR 3000 Whole Home Air Purifier is to create a natural purification like we find in fresh mountain air. To begin, always place the purifier in NORMAL MODE. After two or three days, try the HIGH MODE setting at 250 ft<sup>2</sup> as long as the room the purifier is in is no less than 250 ft<sup>2</sup>. Over the next few days, gradually increase the square footage setting up to the area of the environment being treated (NOTE: Do not exceed the square footage of the enclosed area. Do not count rooms closed off by doors or other areas where air does not flow freely between rooms.). If at any point you find the purification to be too strong reduce the square footage setting. The distinct purification odour being readily detectable indicates you have the purification level set too high for your space. You may even choose to revert back to NORMAL MODE if the lowest setting in HIGH MODE is not pleasant for you. Additionally, if your indoor environment changes, for example cooking fish for dinner, you can increase the HIGH MODE level by one or two increments to relieve the space of that odour and then revert back to the comfortable setting you utilize normally. As your indoor environment changes and new or uncommon contaminants are introduced or less contaminants are consistently introduced you may need to adjust your purification level to meet those changing needs.

Q Does the pureAIR 3000 Whole Home Air Purifier oxidize metal or rubber products?

A The purifying oxidizers created by the pureAIR 3000 Whole Home Air Purifier when operated in NORMAL MODE or when set to a proper setting in HIGH MODE are not dispersed in levels that will adversely affect metals, plastics, or rubber items in your indoor environment. When using the AWAY MODE, for use only when the area is unoccupied by humans and pets, a level of ozone is generated that helps sanitise the area. Continuous exposure to elevated ozone levels can cause a breakdown of natural rubber products and the oxidation of metal. For this reason, the use of the AWAY MODE should be limited to two to four times per month.

Q Since the pureAIR 3000 Whole Home Air Purifier uses an ionizer; will it cause a Black/Gray Wall effect?

A No. The pureAIR 3000 Whole Home Air Purifier ionisation technology projects the ions out the front of the purifier. As long as the pureAIR 3000 Whole Home Air Purifier is directed towards the middle of the room, there should be no instances of Black/Gray Wall. Black/Gray Wall effect occurs when ionizers negatively charge the walls, which will attract particulate, creating the Black/Gray Wall effect. However, since many of the particles drop to the floor, they must be swept up or vacuumed and disposed of.

- Q Can the pureAir 3000 Whole Home Air Purifier be used in a smaller area?
- A Yes. However, when used in a small (up to 250 square feet), the unit should be operated in NORMAL MODE. In areas over 250 square feet the unit can be operated in HIGH MODE. (NOTE: Do not exceed the square footage of the enclosed area. Do not count rooms closed off by doors or other areas where air does not flow freely between rooms.)
- Q Is the pureAir 3000 Whole Home Air Purifier harmful for people and their pets?
- A Not when in NORMAL MODE or when set to the proper area on HIGH MODE.
- Q Can the pureAir 3000 be moved around? (To avoid using multiple units.)
- A Yes. The unit is portable, that is one of its great features. We recommend you locate the best spot in your home that makes it most effective. Typically this is mounted high in a family room close to the kitchen area. Even so, you may find from time to time that you have a reason to temporarily relocate it to deal with odours, painting, etc.
- Q Does the pureAir 3000 Whole Home Air Purifier need to run all the time?
- A The pureAir 3000 is designed to be left on 24/7. This allows the advanced technologies of the unit to maintain a clean environment, rather than having to play catch up each time the purifier is activated. Even during periods when you are away from the home for an extended period, it is best to operate your purifier to reduce mould and bacteria levels, which are common when a home is closed up for an extended period.
- Q Is there any maintenance necessary on the pureAir 3000 Whole Home Air Purifier?
- A Yes. The unit should be cleaned on a regular basis (typically once a month). A small mesh plate, as well as the rear filter, needs to be cleaned according to instructions in the Owner's Manual. In especially dusty or smoky environments we recommend the use of an additional pre-filter to protect your pureAir 3000 and keep it cleaner. The PCO Cell (UV lamp module) requires replacement after its recommended lifespan has been reached.
- Q How many ions does the pureAir 3000 Whole Home Air Purifier produce?
- A The pureAir 3000 produces only negative ions, approximately 1.5M ions/cu cm at a distance of 1 meter. Because the majority of pollution in the indoor environment is positively charged, adding negative charges cause particles, to attract, clump together and then fall from breathing space.
- Q How much ozone is released from the pureAir 3000 Whole Home Air Purifier?
- A When used in NORMAL MODE, no ozone is used in the purification process. In HIGH MODE, when the purifier is adjusted for the area being treated, ozone levels are typically 0.1 to 0.3 PPM, well below the safe and "natural" level set by the EPA. It is important to set the square foot setting based upon the ventilated space (where air can get to) and not the entire square footage of the home.
- Q Is the pureAir 3000 Whole Home Air Purifier UL listed?
- A Yes, the pureAir 3000 is UL listed. The UL mark can be found on the AC/DC Power Adapter.
- Q We have been using our pureAir 3000 Whole Home Air Purifier for several days and started to experience burning eyes. We turned it off and have not experienced that sensation again. What could cause the burning eyes sensation?
- A If the purifier is being used in HIGH MODE (square foot setting), the setting is most likely too high and needs to be reduced or set to normal mode. If the purifier has been used only in the NORMAL MODE (PCO setting) the issue can typically be resolved by moving the purifier to a larger area and ensuring the unit is placed at 6 feet, such as on the top of a bookcase.



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