



## AEROCURE: In Duct Clean Air Sterilisation System GX-01

AEROCURE In Duct Clean Air Sterilisation System to meet the needs of small residential applications to large commercial jobs; and features our exclusive Advanced Air Technology.

Our exclusive Advanced Air Technology, destroys over 99%\* of airborne and surface contaminants including allergens, pathogens such as viruses, germs, bacteria, and mould; as well as harmful VOC's (volatile organic compounds), chemicals and gases.



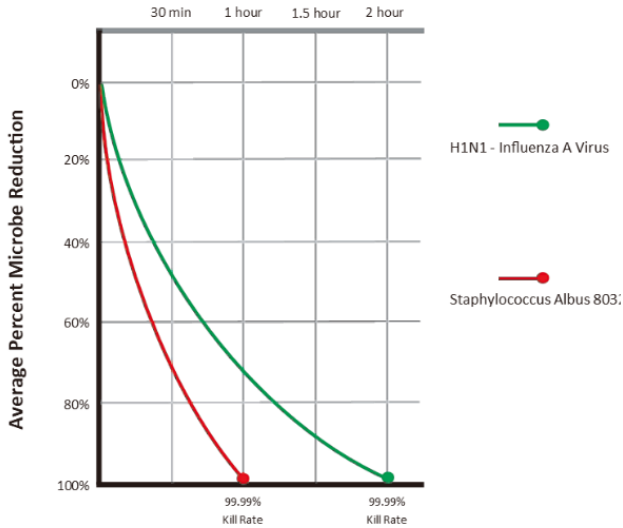
## SPECIFICATIONS

<b>Model</b>	GX-01
<b>Coverage Area</b>	278.7 m <sup>2</sup> to 603.7 m <sup>2</sup>
<b>HVAC Size</b>	8 to 15 Ton
<b>Technology</b>	Photohydroionization
<b>Pressure Drop</b>	<0.01" W.c. @400fpm
<b>Mechanical</b>	Distribution via air handler
<b>Weight (lbs. / kg)</b>	4.2 lbs./ 1.9 kg
<b>UVA Lamp</b>	365nm / Life: 12,000 hrs.
<b>Warranty</b>	2 year warranty and 3 year warranty on the ballast

- Our exclusive Advanced Air Technology destroys over 99%\* of airborne contaminants.
- In the air, our Advanced Air Technology uses a nature-based process to safely remove allergy and asthma triggering contaminants by killing pathogens such as viruses, germs, bacteria, mould and decomposing harmful VOC's, chemicals and gases; as well as significantly reducing allergens, odours and smoke. Creating a cleaner and safer indoor environment.
- Greatly reduces allergens, odours, viruses, germs, bacteria, mould, VOC's, harmful chemicals and gases.

## Reduction of Airborne Contaminants

\* Testing conducted by Gmicro Testing Center of Microbiology



Time is the length of time to achieve 99.99% kill rate after exposure to the Advanced Air Technology™.

## Advanced Air In-Duct Sterilisation System Inactive & Decompose Pollutants down to 0.001 microns

### PATHOGENS



Viruses, Germs, Bacteria, Mould Spores and other Micro-organisms.

### VOC'S



Chemicals & Gases which are potentially harmful and can cause health risks. Including formaldehyde, benzene, toluene, exhaust fumes, carbon monoxide, nitrous oxide, hydrocarbons and many others.

### ALLERGENS



Allergens which especially affect asthma and allergy sufferers. Including pollen, dust mites and their droppings, pet dander, etc.

### ODOURS



Odors from various sources including cigarettes, chemicals food etc.

## APPLICATIONS

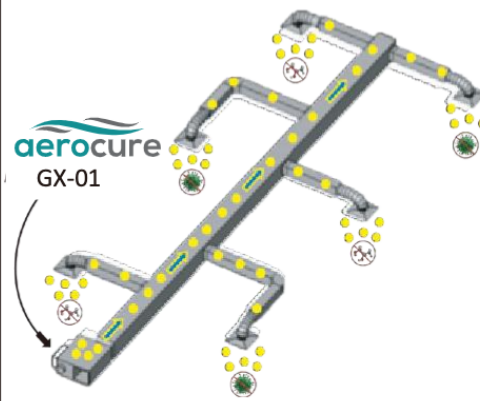
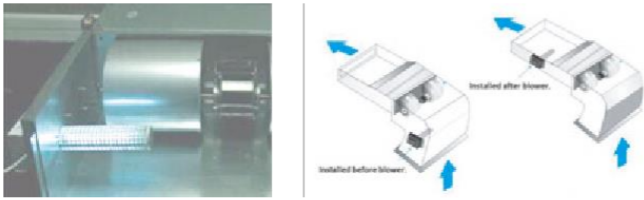
- Residential
- Offices
- Schools
- Businesses
- Hospitals / Medical
- Dental Offices
- Doctors Offices
- Retirement Homes
- Restaurants / Bars
- Airports
- Places of Worship
- Gyms / Recreation
- Shopping Malls
- Retail Stores
- Government Buildings
- Sports Stadiums / Arenas

## WHY CHOOSE THE AEROCURE ADVANCED AIR IN DUCT SERIES?

Aerocure Advanced Air In Duct Sterilisation Systems are a perfect solution for any type of residential, commercial or industrial application of any size. Aerocure services a much larger area than any portable air purifier is capable of doing; which results in top quality results at a fraction of the cost.

- Our exclusive advanced air technology uses a unique wide-wavelength photon of high intensity UVA light, and a catalytic process to produce advanced purifying super oxidizers which are effective and safe. These highly reactive oxidizing molecules are propelled by the existing HVAC system and are distributed throughout the building where they seek and kill pathogens as well as decompose harmful pollutants, both in the air and on surfaces.
- These advanced purifying super oxidizers seek and kill bio aerosols such as viruses, mould, bacteria, and allergens found in the air and on surfaces by disrupting the organisms surface proteins and penetrating the cell walls; rendering the organism inactive (unable to replicate itself / dead).
- The advanced purifying super oxidizers created by our Aerocure Advanced Air Technology seek and attach to airborne VOC's, chemical and gaseous pollutants, breaking apart their chemical bonds and turning them into harmless substances such as water and carbon dioxide molecules.

**1. Production:** The Aerocure GX-01 shown here, can be installed either before or after the existing HVAC systems blower; or at any point along the supply air duct system. Using Aerocure Advanced Air Technology, advanced purifying super oxidizers are created.

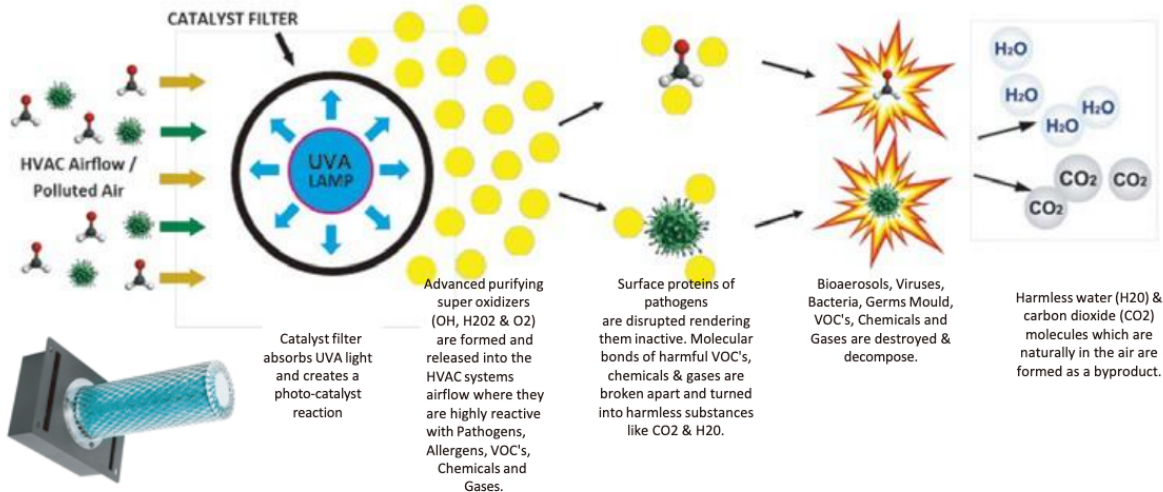
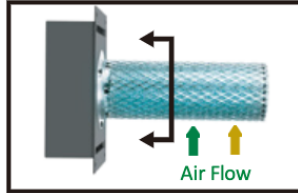


**2. Distribution:** Using the existing HVAC systems airflow, super oxidizers created by the Aerocure are delivered via the supply air ducts to every room in the home, office or building which the HVAC system supplies.



**3. Results:** Advanced-purifying super-oxidizers are released into the air via the existing HVAC systems supply air ducts and vents. These super oxidizers seek and destroy harmful indoor air pollutants including viruses, germs, bacteria, VOC's, chemicals, gases, allergens, odors, and many more pollutants.

Cross Section:



Your local authorised distributor is



## GRAFTON AIR

THE AIR CONDITIONING SPECIALISTS

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