Now brings you AiroCide® technology, that is here to change lives...

AiroCide® **is proven....** **AiroCide®** is a **US FDA approved device**

Airocide uses exclusive NASA technology to eliminate airborne pathogenic and non-pathogenic bacteria, mould, fungi, viruses, dust mites, allergens, odors and harmful volatile organic compounds (VOC's). This patented NASA technology uses no filters, is self-cleaning, offers low annual maintenance cost and is green, producing no ozone. It has been extensively tested over the last 12 years by leading laboratories and universities in the United States such as the University of Wisconsin, Texas Tech University, Texas A&M, and the National Renewable Energy Lab, among others.

AiroCide® **provides 99.9998% clean air.**

Several clinical studies have shown that hospital acquired infections can be substantially reduced, as the Airocide technology produces 99.99987 per cent elimination of airborne bacteria fungi mould, as well as all types of viruses including H1N1 or any of its variants.

AiroCide® is **Generations ahead……**

There are two ways to tackle the problem. Shield yourself from the germs. Or eliminate them. AiroCide® eliminates virtually all known airborne germs and diseases. The technology is so powerful; it even reduces the bio-burden within HEPA and laminar flow environments. Choose clinically proven, 99% effective Airocide®. Installation is a life or death decision.

AiroCide® completely destroys airborne bacteria, mold, fungi, viruses, volatile organic compounds (VOC's) & odors. Because the technology in these systems was developed by NASA, they are not filtering systems and produce no harmful byproducts like ozone; they are superior to any other *air sanitation* systems on the market. The *AiroCide* technology is used to provide clean air in a variety of industries including medical health-care, dentistry, research, Pharmaceuticals, perishable foods, beverages, Flower preservation etc.

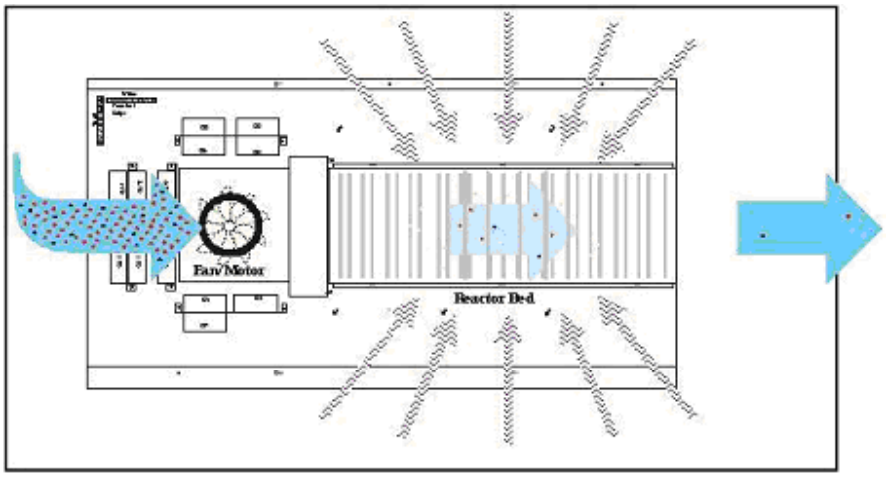
AiroCide® is **green**. It improves the overall air quality in nearly any environment and does so without producing any harmful byproducts. The technology claims are backed by independent third parties clinical such as Texas Tech University (destruction of mycotoxins), NASA (eliminated Anthrax), National Energy Renewable Laboratory (zero ozone emission), Texas A&M (peer publish reviewed paper - killed MRSA) as well as a host of others.

AiroCide® is a patented *air sanitation* technology combines two known pathogen-killing techniques, Photocatalytic oxidation (PCO) and ultraviolet light to destroy harmful airborne microbes. A titanium dioxide photocatalyst is used in the PCO process. These active elements will oxidize VOC's and kill and decompose airborne pathogens. The PCO process used in *AiroCide* air purifying systems is truly innovative & unmatched.

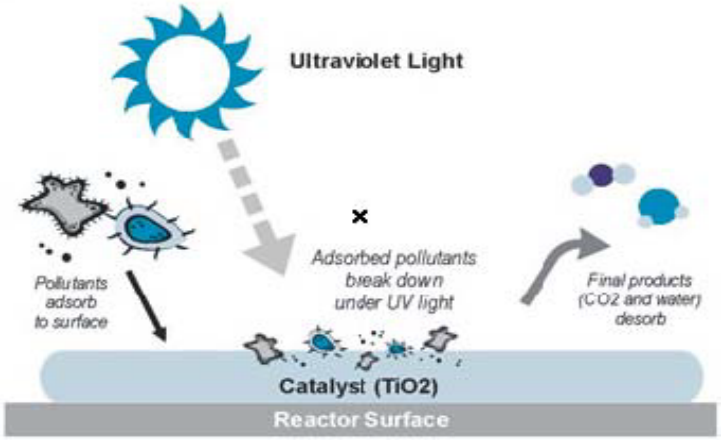
AiroCide® is a listed medical FDA Class II device. The product application of the *air sanitation* technology is vast, ranging from medical-healthcare to many commercial, government and research applications for infection control. Each market segment has specific customer needs and different product requirements, however all are based around the need for a pathogen-free, healthy-air work and microbe free environment. **Airocide Provides 99.9998% clean air.**

Numerous air purification applications exist in both institutional and private practice healthcare settings with several identified as eliminating cross contamination of airborne diseases and pathogens. Healthcare applications like pediatricians' clinics, immuno-compromised areas of specialty and critical care and needs for isolating patients all benefit from clean air. This is because AiroCide eliminates any biological material - regardless of size - that comes in contact with its proprietary matrix, oxidizing the organic matter thereby releasing only crisp clean fresh air. The technology has shown meaningful reductions in infections and diseases causing in healthcare applications such as operating theaters, Intensive Care Units (ICU's) resulting in lower post operative infections and nosocomial diseases.

How it works? The science of **AiroCide®**



Contaminated air is drawn into the AiroCide system by the fan. It passes over the reactor bed where it is immobilized on the TiO2 catalyst and treated with UV-light until it is completely broken down to gaseous products. The combination of TiO2 catalyst and UV-light has been shown to destroy hydrocarbon bonds in allergens, airborne organisms and VOC's.



The system will significantly reduce allergen levels and micro organism numbers with a single passage through the PCO + UVGI oxidation process, but since it is designed for constant operation a sustained reduction is maintained. Bad odours are also removed. This technology is the first to utilise complementary bactericidal methods (UVGI and PCO) to oxidise the organic matter of whole cells to carbon dioxide and water vapour. Studies have demonstrated the complete destruction of bacteria, virus, fungi, moulds and spores, by detecting radio-labelled carbon from cells in CO2 produced by the AiroCide. The system PRODUCES NO OZONE and is NOT A FILTER. This distinguishes the AiroCide from other systems such as HEPA filters or Ozone Production Units. The purpose of HEPA filters is to filter the air that is positively introduced to the "clean" area. HEPA (or any other air) filters do not improve the quality of the air once the air is in the room. In the absence of personnel, in this "at rest" state the room will have a filtered-quality air with minimal airborne organisms.

AiroCide® technology is unmatched .....

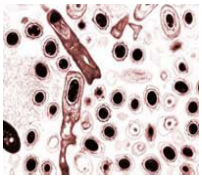
AiroCide completely destroys (mineralizes) airborne bacteria, mold, fungi, viruses, volatile organic compounds (VOC's like ethylene gas) & many organic odors. The *AiroCide*® photocatalytic air purifying systems are the only air purifiers that completely destroy airborne bacteria, mold, fungi, mycotoxins, viruses, volatile organic compounds (VOC's) & odors. The NASA technology is the perfect solution for reducing produce shrink and perishable shrink; as well as increasing quality assurance and food safety efforts. Unlike other air cleaning products, *AiroCide PPT* air purifiers have no filters to change and do not put any harmful chemicals or byproducts into the air, like ozone or O_3 - making them safe for all applications – even organic produce. The *AiroCide* technology dramatically reduces the concentration of harmful VOC's like ethylene gas and kills airborne food spoilage microbes like e. coli and salmonella.

The patented technology used in *AiroCide* combines two known pathogen-killing techniques, photocatalytic oxidation (PCO) and ultraviolet (UV) light to destroy harmful airborne microbes. *AiroCide* produces no ozone and is not a filter. Titanium dioxide (TiO2) is the photocatalyst used in the *AiroCide* product. A unique and proprietary process is used to create the patented TiO2 formula. When this material is irradiated with ultraviolet light, strong oxidizing agents called hydroxyl radicals and super-oxide ions are formed. These agents enable *AiroCide* to kill/remove/eliminate airborne pathogenic and non-pathogenic microorganisms in vegetative and spore states (bacteria, mold & fungi, viruses and dust mites), allergens, odors and harmful volatile organic compounds (VOC's). Because the organic material is completely oxidized by this process, the photocatalytic reactor is self-cleaning relative to organic material on the catalyst surface.

AiroCide's patented technology combines two known pathogen-killing techniques, Photocatalytic oxidation (PCO) and 254 nanometer light to destroy harmful airborne microbes. An aqueous solution of Titanium dioxide (TiO2) the photocatalyst used in the AiroCide product us used to permanently coat tiny glass tubes that are randomly arranged within the reaction chamber. When TiO2 is excited with the photons from the high intensity 254 nanometer lamps inside, hydroxyl radicals (OH -) pop up from the surface ready to mineralize (reduce the organics they contact into carbon dioxide and water). AiroCide changes the molecular structure of the organic matter it contacts into water vapor and CO2. Nothing else remains. No ash, no Ozone, no other byproducts. No cleaning. No filters containing dangerous bacteria to change. Just clean air.

Key Features:

- No Ozone
- Not a Filtering System
- Easy to Install - Inexpensive to Operate.
- No Costly Clean Ups. Low Maintenance
- Self-Cleaning, No Harmful By Products
- Safe, Operates 24/7
- Low Energy Requirement
- Eliminates Gaseous Chemicals, VOC's and Odors
- Not Effected by Humidity
- Compatible with Existing Airflow Systems
- Enhances Air Mixing with HVAC System



The AiroCide® Air Purifying Technology was proven to kill 99.999987% of Bacillus thuringiensis, a close cousin to the anthrax bacteria, in a single pass through its reactor

Among other bacteria, fungi and viruses, photocatalytic oxidation technology kills airborne Lactobacillus, which can be a problem in wine, beer and other beverage and food processing facilities.

AiroCide® Features and Benefits

Feature	Benefit	Benefit
	People & Animals	**Perishables Industries**
Clinically proven to kill/remove/eliminate airborne pathogenic and non-pathogenic microorganisms in vegetative and spore states (bacteria, mold & fungi, mycotoxins, viruses and dust mites), allergens, odors and harmful VOC's	-Healthier Work/Living Environment; - Minimize impact of repeated exposure to high levels of VOCs - Remove smells and odors from disinfectants, like Lysol™ - Reduce red, itchy eye and "VOC-fatigue" - Decrease allergic symptoms (sinusitis, asthma, sore throat, coughing)	- Extends shelf-life and freshness of perishables - Increases Quality Assurance - Enhances Food Safety
No Ozone	Healthier Working and Living Environment	- Healthier Work Environment - Will not attack rubber, PVC or metals - No added cost of Ozone monitoring system or personnel
No Filters	- Less Maintenance/No hassle - Prevents exposure to harmful substances	- Less Maintenance/No hassle - Prevents exposure to harmful substances
Easy to Install	- Time, labor and cost savings	- Time, labor and cost savings
Low Maintenance	Time, labor and cost savings	Time, labor and cost savings
No Harmful By Products	Healthier Work Environment	Healthier Work Environment
Self Cleaning	-Continuous use without efficiency reduction -Operates 24/7	-Continuous use without efficiency reduction -Operates 24/7
Safe, Operates 24/7	Healthier work/living environment	No loss of production due to restricted entry to facility
Low Energy Requirement	Cost savings	Cost savings
Not negatively affected by high humidity levels	Functions in high humidity environments	Humidity levels can be raised in perishable storage areas without concern for increased airborne mold/fungi
Compatible with Existing Airflow Systems	Enhances Air Mixing with HVAC Systems	No need for retrofitting

AiroCide® Client Testimonials

'The use of the AiroCide® air processing system during both studies demonstrated its ability to substantially reduce the levels of Mouse Urinary Proteins within the areas tested providing a safer, potentially more comfortable working environment. These results indicate that the system can be considered a useful engineering measure within an organisation's strategy to reducing and controlling background occupational exposure to Laboratory Animal Allergens within the laboratory animal facility.'

Extract from research paper by GARY CHILDS BSc (Hons), FIAT, RAnTech, MANDY THORPE, MIAT, RAnTech and SETH JETHWA - Central Biomedical Services, Imperial College London

We have had a total of 6 **AiroCide®** units installed since 2005. We have found them particularly effective in areas which don't have high air change rates such as lobby's and corridors etc. The reduction in odours in these areas has been noticeable and commented on by staff and visitors alike, we would certainly recommend other institutions to give them a try.

- Dept. of Life Sciences, Open University

We used the ACS-50 **AiroCide®** unit (for approx one and a half weeks) in our male mouse room. The unit was placed on a trolley, wheeled into the room, turned on and left to run.

The mouse room (where the unit was running) is 17 feet x 12.5 feet and had (approx) 600 male Balb/c. We clean-out once a week and (as I'm sure you can guess) the ammonia smells in the room were very noticeable (pre-AiroCide™). After turning the unit on, however, we noticed a marked difference the next day and by day 2 all smells in the room had been eradicated! Since the trial of the ACS-50 we have purchased 2 smaller AiroCide™ systems (one for the unit office and one for the changing rooms) and I would strongly recommend the system to anyone looking to eradicate smells, allergens and micro-organisms, etc from their animal unit

- UCB

Since the **AiroCide®** technology was installed in our unit the symptoms of allergy in a sensitive member of staff have been greatly reduced

University of Helsinki

After the **AiroCide®** technology was installed in our facility the odours in the rodent corridor were noticeably reduced and the air smelled fresher.

University of Oulu, Finland **AiroCide®** Technology was installed in the Biofacility cage wash area some two years ago. Since then, we have observed a marked improvement in the reduction of odours and subsequent testing for allergen and micro-organisms levels have shown a significant decrease.
Central Biomedical Services, Cambridge

When the **AiroCide®** was tested within the dump station area it showed to reduce allergen and micro-organism levels considerably.

Mary Lyon Centre, Harwell

READ MORE

Communities looking for a way to kill swine-flu virus have the option of using AiroCide technology to attack this germ as it makes its way from one host to the next. Airborne illnesses are usually only spread by microbes that are fairly resilient. After all, a virus has to be able to survive outside a host as it floats on the breeze (or on a sneeze) toward its next victim. The proliferation of such hardy pathogens calls for a highly effective extermination method. It also requires one that is versatile enough to keep up with a rapidly mutating disease. The swine flu pandemic is showing no signs of slowing down and new, treatment resistant strains are still being identified. Unlike a vaccine, the AiroCide doesn't target just one or two strains of an infectious agent. Instead, it destroys all bacteria, viruses, and mold spores with equal efficiency. The manufacturer claims a microbial kill-rate of over 99% for its patented air purifier. This technology is currently used in commercial applications such as hospital and lab facilities. It can be scaled down for the individual consumer as well. The product is now being marketed in other countries such as India and China where government officials are looking for innovative ways to stave off the threat of a viral pandemic.

NASA design requirements specified the technology be energy efficient as well as environmentally and maintenance friendly. The model draws a maximum 3.4 amps at 120 volts. Replacing the ultraviolet lamps is the only maintenance required on an annual basis.

AiroCide is a revolutionary technology developed by NASA. Airborne infections are one of the biggest threats to human life. The recent spate of epidemics that have led to many unfortunate fatalities have all been caused by airborne contaminants. The AiroCide technology ensures that all air contaminants are completely eliminated, creating a safe and healthy environment for us to live and breathe,

The *AiroCide PPT* system is used in the perishable foods and beverages industries that include retail (grocery and floral), distribution (produce and floral), food and beverage and analytical laboratories (tissue culture and food processing). Stonyfield Farm, Coca-Cola, Del Monte Fresh, SuperValu's produce distribution arm, W. Newell & Co. and Whole Foods Markets are some industry leaders who use *AiroCide PPT* technology.

Over 30,000 AiroCides have been installed across the globe and more than 1000 units in India in a short span of few months.

Ontario Food Terminal Board to install AiroCide sanitation system

Published on 05/06/2010 09:33AM

The Toronto-based Ontario Food Terminal Board plans to use an air sanitation system in its facility to help ensure food safety. The AiroCide system kills airborne mold, fungi, bacteria and viruses, and removes ethylene gas, according to a news release. The system should reduce the risk of cross-contamination and extend product shelf life in the 80,000-square-foot cold storage facility.

01) *"Reducing Airborne Microbes in the Surgical Operating Theater & Other Clinical Settings: A Study Utilizing the AiroCide® System" – Journal of Clinical Engineering, April/June 2004*

A study was performed examining the airborne microbial killing efficiency of the*AiroCide*® Photocatalytic Air Purifying System. The study was conducted in coordination with the medical microbiology & immunology and biomedical engineering departments of a major state university and examined baseline bacterial and fungal cultures, commonly known as pathogens, collected at specific clinical test areas. Samples of unique clinical interest such as methicillin resistant Staphylococcus aureus (MRSA) were studied in depth. Results of the test showed bacteria reductions of 69% in an Ear, Nose & Throat (ENT) Day Surgery procedure room, 25% in a Surgical Operating Room (OR) and 95% in a Surgical Instrument Sterile Preparation Room. MRSA was present in the OR and reduced by 100% after use of the *AiroCide* system.

02) *"Advanced Air Sanitization in a Medical Office Setting A Clinical Study of Indoor Air Quality Data from the Use of a Photocatalytic Air Purification System" - Michael R. Papciak, M.D.*

A clinical test of the *AiroCide* air purifying system was conducted in a pediatrician's office complex. The primary objective of the test was to determine the effect on airborne bacteria of turning off an *AiroCide* system that had been operating 24/7 for 6 months inside a pediatric facility. The secondary objective was to measure the difference in performance of the *AiroCide* system in a pediatric "sick" waiting room compared to a pediatric "well" waiting room. In 24 hours after turning off the *AiroCide*system the airborne bacteria in the facility increased by an average of 181%. One week later the average level of airborne bacteria was 211% higher than when the *AiroCide*system was operating.

03) *Research Summary - Outpatient Surgery Center; Georgia, USA*

A study measured the efficacy of the *AiroCide* air purifying system in removing airborne bacterial colony forming units (CFU's) in an operating room in an outpatient cosmetic surgery facility. Two tests were run in the 1,750 f3 operating room. In test #1 there was a 93% reduction in airborne bacteria in the operating room after 24 hours of operation. In test #2 there was a 47% reduction in airborne bacteria in the operating room after one hour of operation.

04) *Research Summary – Dental Office; Georgia, USA*

Tests were performed in multiple locations inside the offices of a 26,800 ft3 dental practice to measure the efficacy of two (2) *AiroCide* air purifying systems (model ACS-100) in removing airborne bacterial and mold/fungal colony forming units (CFU's). The tests resulted in an average 45.3% reduction in airborne bacteria in 24 hrs. and an average 80% reduction in airborne mold/fungi in the same 24 hours period.

05) *Research Summary – Oral Surgery/Periodontics Office; Georgia, USA*

Air sampling tests were performed in an active oral surgery and periodontal medicine facility to measure the efficacy of the *AiroCide* air purifying system in removing airborne bacterial colony forming units (CFU's). The tests resulted in airborne mold/fungi reduction of 66% in the operating room (OR#3) and 100% in the adjacent corridor in 48 hours. Airborne bacteria were reduced by 82% in the corridor in the same 48 hours.

06) ***"A Study to Investigate the Effects of the AiroCide ACS-100 Air Cleansing System on the Air Quality in the Cage Washing Area of a Laboratory Animal Facility" – Surrey Diagnostics; Surrey, UK***

The allergen levels in the cage washing area of a laboratory animal facility were seen to decrease by over 90% when the system was turned on and allowed to clean the air for 7 days. 5 days after the *AiroCide* system had been turned off it can be seen that allergen levels were rising again. There was a 46% reduction in airborne microbial organisms when the *AiroCide* system was operational. The levels were seen to quickly rise again once the system was turned off.

07) ***Research Summary – Two Consumer Households; Georgia, USA***

A clinical study was conducted to determine the initial and sustained reduction of airborne mold and bacteria in two residences of similar size, design and structure. The test period consisted of three (3) individual days of air sampling that spanned a 3-month time frame. Airborne mold was reduced in the homes by an average of 60% in 24 hours and sustained an average of 87% over a 6 month period. Bacteria in the air inside the homes was reduced an average of 57% in 24 hours and maintained a level of 49% lower than baseline over a 6 month period.

08) ***Research Summary – Carpet Warehouse / Allergens; Madrid, Spain***

A clinical test of the *AiroCide* air purifying system was performed inside a carpet warehouse situated underground over a thirty (30) consecutive day period. The objective of this test was to determine the *AiroCide* ability and efficiency in reducing environmental contamination. The three *AiroCide*® ACS-100 units installed in the room reduced the amount of airborne bacteria and fungi by 82% and 46% respectively over a period of thirty (30) days. These results are significant considering the high traffic and the high initial level of contamination and the better air quality feeling expressed by the usual staff working inside the warehouse immediately after the treatment.

09) ***Research Summary – Childcare Facility; Minnesota, USA***

A clinical test of the *AiroCide* air purifying system was conducted at a two-story, 18,000 ft2 childcare facility to determine the ability of the *AiroCide* technology to reduce the amount of airborne mold and bacteria inside the facility. The test period consisted of five (5) individual days of air sampling and spanned a 6-week time frame. The system reduced the amount of airborne mold and bacteria by 60% and 28%, respectively over a 6-week test period. These results are significant considering that mold and bacteria levels tested in the air outside the facility increased over the same time period by 3% and more than 600%, respectively.

10) ***Research Summary – Corrections Facility and 911 Call Center; Georgia, USA***

A clinical test of the *AiroCide* air purifying system was conducted at a Georgia county corrections facility complex. The objective of the test was to determine the ability of thetechnology to reduce the amount of airborne bacteria inside the facility. The test period consisted of two (2) consecutive days of air sampling. The system that was installed in the facility reduced the amount of airborne bacteria by 53% in 16 hours.

11) ***Research Summary - Private High School Athletic Complex; Georgia, USA***

A clinical test was conducted at the athletic complex of a large private high school to determine the ability of the *AiroCide* air purifying technology to reduce airborne mold and bacteria inside the school's 8,000-ft3 varsity football locker room. The test period consisted of six (6) individual days of air sampling that spanned a 3-week time frame. The system dramatically reduced the amount of airborne bacteria and mold by an average of 60% and 70% respectively over a 3-week test period.

Produce, Fruits and Floral Preservation Studies

Test and Evaluation Report - United States Department of Defense

A field study conducted by the Department of Defense - Combat Feeding Directorate, US Army Research, Development and Engineering Comand to determine AiroCide's ability to decompose ethylene and extend the shelf life of fresh fruits and vegetables, concluded in a field test of banana storage, that AiroCide definitely extended the shelf life of bananas up to 20 days.and that the potential for additional life extension is actually more than this figure.

Clinical Study Research Summary - Tomato Repacking Facility, Florida, USA

A clinical study of *AiroCide PPT* air purifying system was conducted in a 28,500 ft3 tomato ripening room/cooler at a major tomato repacking facility in Riverview, FL to measure the reduction in airborne mold and airborne bacteria. The system reduced the amount of airborne mold in the cooler by an average of 90.5% after a 72-hour period. Airborne bacteria were found to be present at sufficiently low levels to be considered insignificant.

Clinical Study Research Summary - Organic Produce Wholesaler; Netherlands

A clinical study of the *AiroCide PPT* air purifying system was conducted in a refrigerated cooler inside a warehouse of a large organic produce wholesaler located in Holland, to determine if the technology would reduce the amount of airborne mold present. The three (3) ACS-50 systems utilized for the study reduced the amount of airborne fungi inside the cooler by an average of 96.8%in 72 hours.

Reserch summary - A Study on the Elmination Power of AiroCide on ethylene, mold and bad odours inside cold rooms –

Cartagena Polytechnic University, Cartagena Spain.

A study was conducted in Balsapintada, Murcia (Spain) utilizing the device, in two different cold rooms filled with peppers and melons respectively. The *AiroCide PPT* has proven to efficiently remove ethylene (by 58.1%), CFUs and VOCs concentrations in cold storage indoor air as well as that it is applicable to different stored produce.

Research Summary - Plant Propagation Laboratory; Bogota, Colombia

A study was conducted by Esmeralda Farms researchers in their 96 m3 (approx. 3,400 ft3) In Vitro Propagation laboratory to measure the effect of using the *AiroCide PPT* air purifying system to kill airborne fungi and bacteria. The system reduced the amount of airborne fungi by 100% and reduced the amount of airborne bacteria by an average of 98% over the 8-week test period.

Research Summary- Wholesale Citrus Warehouse; Valencia, Spain

A test was performed to determine if the *AiroCide PPT* air purifying technology could reduce the presence of airborne mold in a 42,000 ft3 refrigerated warehouse containing oranges. Air samples taken seven (7) days after operating the system showed an 80% decrease in all airborne mold spores from air samples taken before the system was turned on. There was no evidence of blue or green mold spores in the second round of air samples, which represents a 100% reduction of these harmful molds.

Research Summary - Tomato Cooler, Regional Produce Wholesaler; Alberta, Canada

A clinical study of the AiroCide PPT air purifying system was conducted in the 19,500 ft3 tomato cooler of a regional produce wholesale company in Alberta, Canada. The study was conducted during three days of normal business activity. The results show airborne mold reduction inside the cooler of 54% in 24 hours and 62% in 48 hours. Airborne bacteria in the same cooler decreased 75% in 24 hours and 100% in 48 hours.

Research Summary - International Floral Importer Pre-cooler; Florida, USA

A clinical study of the AiroCide PPT air purifying system was conducted in the 148,500 ft3 pre-cooler of Esmeralda Farms, an international floral importer in Miami, FL. The results show a significant reduction in airborne pathogens in 24 hours. There was an average airborne mold reduction of 95.45% after a 72-hour period and an average airborne bacteria reduction of 73.18% in the same time frame.

Research Summary - Floral Distribution Center, Florida, USA

A clinical study of the AiroCide PPT air purifying system was conducted in the 94,600 ft3 floral coolers of Equiflor Corportation, a leading floral growing, distributing and marketing company in Miami, FL. The data supports the hypothesis that airborne mold levels would be lowered after 48 hours of continuous operation of the system. The results show an average airborne mold reduction inside the coolers of 78.5% in 48 hours.

Clinical Study Research Summary - Arteflor Cut Flower Wholesaler; Madrid, Spain

A clinical study of the AiroCide PPT air purifying system was conducted in the floral cooler and storage facility of Arteflor, a major cut flower wholesaler in Madrid, Spain. The results after 11 days of continuous operation show an average airborne reduction of 99.99% inside the storage area and 100% inside the cooler.

Clinical Study Research Summary - Coflores Cut Flower Wholesaler; Madrid, Spain

A clinical study of AiroCide PPT was conducted in the floral cooler and storage facility of Coflores, a major cut flower wholesaler in Madrid, Spain. The results after six (6) days of continuous operation show an average airborne reduction of 96.01% inside the cooler.

Research Summary - Regional Wholesale Florist; Georgia, USA

A study was conducted in a 17,000 ft3 cooler inside a large wholesale floral warehouse to determine if the AiroCide PPT air purifying technology could reduce the amount of airborne fungus. The two systems that were installed in the facility reduced the amount of airborne mold and bacteria by 92% and 58%, respectively.

Research Summary - Commercial Winery Hartwell Vineyards; California, USA

A clinical study of the AiroCide PPT air purifying system was conducted in the 65,000 ft3 wine barrel storage cave of Hartwell Vineyards, a boutique winery in the Stag's Leap district of Napa, CA. The results show an average airborne mold reduction inside the cave of 72.3% in 23 days.

Research Summary - Commercial Winery Chateau St. Jean; California, USA

A clinical study of the AiroCide PPT air purifying system was conducted in the 130,000 ft3 wine barrel storage room of Chateau St. Jean. Founded in 1973 and now owned by Foster's Group, Chateau St. Jean is a wine making estate located at the foot of Sugarloaf Ridge in the Sonoma Valley near Kenwood, California. The data supports the hypothesis that airborne mold levels would be lowered after 21 days of continuous operation of the system. The results show an average airborne mold reduction inside the storage room of 57% in 23 days.

Product Specification Sheet ICS-25

AiroCide's Patented NASA technology utilizes a reaction chamber packed with tiny catalysts that have been coated in a proprietary solution that will not delaminate. When excited from their highly reactive surface, a water molecule is split and a surface bound hydroxyl radical is formed. Any organic, solid or gaseous, regardless of size, that collides with it is instantly mineralized. Not only does this effectively eliminate ethylene gas, it has also been clinically proven to eradicate volatile organic compounds (VOCs), viruses, bacteria, fungi, and mold – even anthrax. From food preservation to healthcare this technology works. Pure Air. Pure NASA

Dimensions (length x width x depth)	464mm x 594mm x 117mm or (18.3in x 20.6in x 4.6in
Weight :	6.35 kg or 14 LBS
Power :	220 Volt
Recommended Available Amps :	1 Amps
Placement :	Wall or ceiling mount
Maintenance Requirements :	Annual bulb change (replacement bulb kit available)
Cover Material Options :	Composite
Color Options :	Silver
FDA Class II Medical Device	

Product Specification Sheet ICS-50

AiroCide's Patented NASA technology utilizes a reaction chamber packed with tiny catalysts that have been coated in a proprietary solution that will not delaminate. When excited from their highly reactive surface, a water molecule is split and a surface bound hydroxyl radical is formed. Any organic, solid or gaseous, regardless of size, that collides with it is instantly mineralized. Not only does this effectively eliminate ethylene gas, it has also been clinically proven to eradicate volatile organic compounds (VOCs), viruses, bacteria, fungi, and mold – even anthrax. From food preservation to healthcare this technology works. Pure Air. Pure NASA

Dimensions (length x width x depth)	719mm x 580mm x 117mm or (28.3in x 22.8 in x 4.6in)
Weight :	14.06 kg or 31 LBS
Power :	220 Volt
Recommended Available Amps :	2 Amps
Placement :	Wall or ceiling mount
Maintenance Requirements :	Annual bulb change (replacement bulb kit available)
Cover Material Options :	Composite
Color Options :	Silver
FDA Class II Medical Device	

Product Specification Sheet ICS-100

AiroCide's Patented NASA technology utilizes a reaction chamber packed with tiny catalysts that have been coated in a proprietary solution that will not delaminate. When excited from their highly reactive surface, a water molecule is split and a surface bound hydroxyl radical is formed. Any organic, solid or gaseous, regardless of size, that collides with it is instantly mineralized. Not only does this effectively eliminate ethylene gas, it has also been clinically proven to eradicate volatile organic compounds (VOCs), viruses, bacteria, fungi, and mold – even anthrax. From food preservation to healthcare this technology works. Pure Air. Pure NASA

Dimensions (length x width x depth)	1064mm x 594mm x 117mm or (41.9in x 23.14in x 4.6in)
Weight :	24.49 kg or 54 LBS
Power :	220 Volt
Recommended Available Amps :	4 Amps
Placement :	Wall or ceiling mount
Maintenance Requirements :	Annual bulb change (replacement bulb kit available)
Cover Material Options :	Composite
Color Options :	Silver
FDA Class II Medical Device	