

GENERAL COMMERCIAL

BRINGING NATURE INDOORS



active

products that quietly send the solution to the pollution

natural

germ killing, odour reducing, nature based technology

prevention

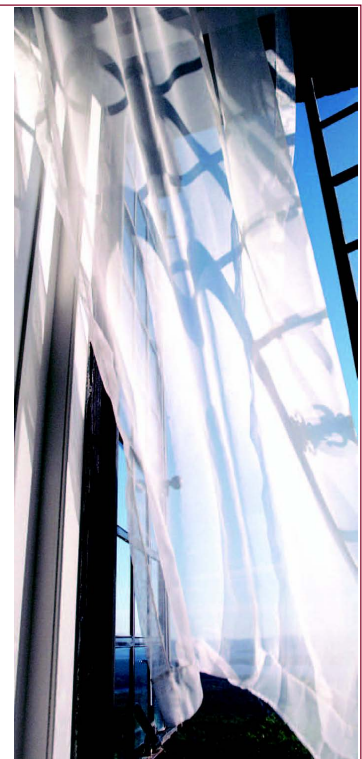
that kills germs on the surfaces you touch

activTek 
ENVIRONMENTAL

activTek Environmental manufactures and sells products that address air purification in commercial markets. Our products include both stand alone and INDUCT units which require installation into existing heating and air conditioning systems. In addition, activTek offers specialised products to handle odour and bacteria treatment in restaurants, bars, hotels, food storage facilities, waste areas, industrial facilities and indoor areas damaged by smoke and fire.

Our technology is the only one that combines up to five nature-based technologies working together to treat indoor air like nature cleans outdoor air - using two types of ionisation to reduce particles, UV and a catalyst to create oxygen and hydrogen based friendly oxidisers to reduce microbial contaminants, and low level ozone to reduce odours. Unlike other products in the market, activTek air purification products represent active technologies that bring the solution directly to the problem, rather than requiring odours and bacteria to come through the unit passively.

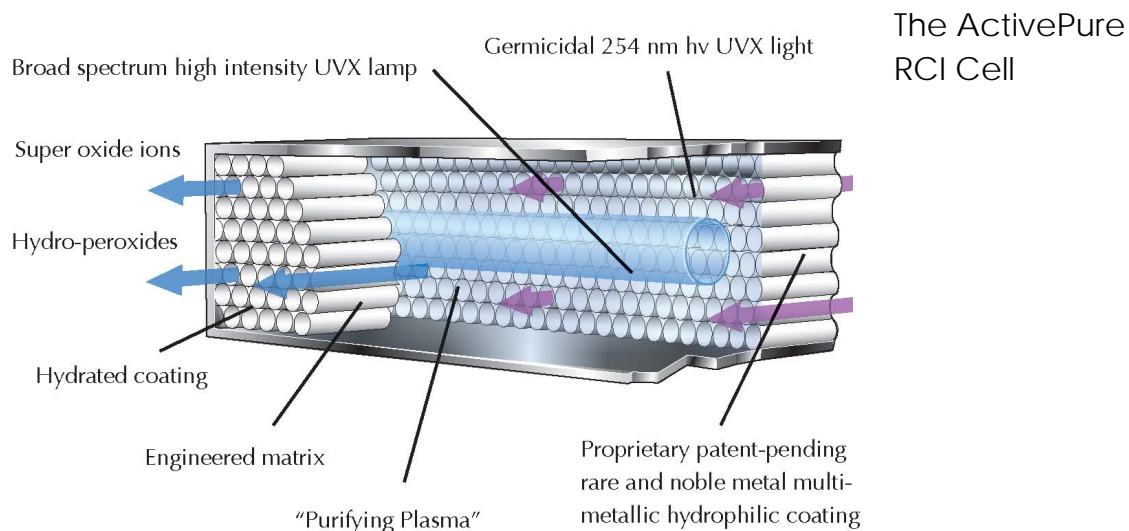
Indoor air quality is a £3 billion pound industry, with a growing awareness and interest related to a healthy living environment. However, at the present time, saturation of IAQ (indoor air quality) equipment is low in relationship to the identified need in the market. People today spend 90% of their time indoors and the concern over healthy living and working environments continues to grow. There is a tremendous opportunity in increasing awareness and interest as IAQ becomes one of the top issues on everyone's minds. Poor air quality in commercial buildings often contributes to high absenteeism with employees and occupants of that facility. Because of high traffic in many commercial establishments, there is a constant influx of germs and bacteria brought in by the occupants in the building. activTek offers total solutions for your air quality issues to ensure that the occupants have a safe environment from air pollutants.



More Information

Active Vs Passive Technology

In contrast to products that treat odours with passive technologies, activTek uses up to 5 nature-based, active technologies to bring the solution to the problem. Passive technologies include filters and electronic air cleaners which require the air to get to the unit. activTek air purification technologies work together to clean indoor air like nature cleans air outdoors. It is the only product with validation testing from multiple universities, proving the ability to reduce up to 99.99% of mould, fungi, bacteria and viruses including MRSA and Avian Bird Flu on Surfaces.

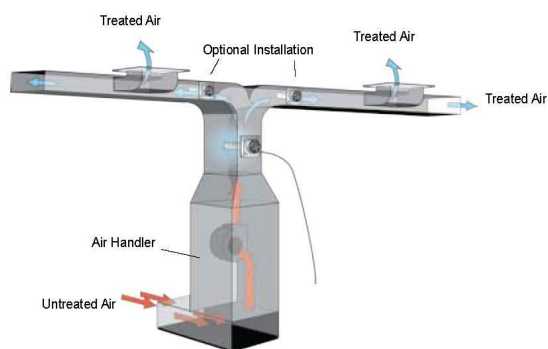


The ActivePure RCI Cell

By engineering the proper light wavelengths into the ActivePure cell, activTek Environmental has developed a highly effective system designed to utilize germicidal UV light. Falling between visible UV light and invisible X-Rays in the light spectrum, UVX makes use of the same oxidation and ionizing properties of light as naturally occurring

sunlight. ActivePure is created by taking advantage of these ionizing properties and combining them with the photocatalytic reactions of specific rare and noble metals. This innovative use of light is what helps make ActivePure so effective.

Typical INDUCT Installation

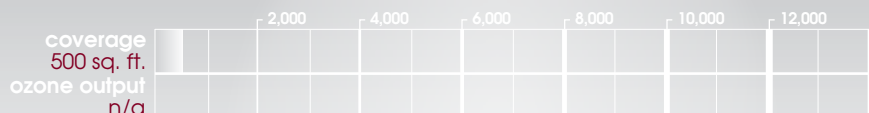


Typical view of an installation within the duct.

activTek INDUCT units install in any HVAC system directly into the plenum or directly above the air handler in remote or 'downstream' location. They work by converting Water Vapour (H₂O) and Oxygen (O₂) from untreated air into Hydro-peroxides and hydroxyls, eliminating various microbes (odours, mould, bacteria, viruses, VOC's etc.) creating a healthier indoor environment. Untreated air enters the air handler, passes by the INDUCT unit, and releases treated air through the AC vents.



ACTIVTEK INDUCT 500



SINGLE ROOM AIR SYSTEM

description

- Compact, self contained, natural air treatment system
- Discreet internal mounting
- No cleaning required

applications

- Room size “In-Wall,” P-TAC, or “Stand-Alone” Heating/AC units
- Hotel rooms
- Motel rooms
- Offices

the technology

The activTek INDUCT 500 substantially reduces odors, visible smoke in the air, and microbial populations on **surfaces***, utilizing the patent pending ActivePure technology. ActivePure consists of a special UV light and photocatalyst

target, creating an Advanced Oxidation Process containing several friendly oxidizers.

*Scientific tests have demonstrated the use of activTek air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. These statements have not been evaluated by FDA. These products are not intended to diagnose, treat, cure or prevent any disease.

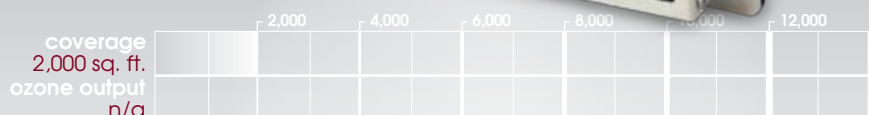


specifications

| | | |
|-----------------|---|-----------------------------------|
| INDUCT 500 | UK40509 | |
| electrical | 12VDC Input, .8 Amps, 100 – 240 VAC, 50/60 HZ | 10 Watts – Switching Power Supply |
| mechanical | retainer clip included | |
| dimensions | 10.5" L x 2.25" W x 1.25" H | 26cm L x 6cm W x 3cm H |
| weight | 1 pound | .5 kilograms |
| hvac air blower | 250 SCFM recommended air flow | |



ACTIVTEK INDUCT 2000



DUCT MOUNTED SYSTEM

description

- Duct or plenum installed natural air system
- Discreet or concealed installation
- 120/220 volt optional installation
- UV bulb monitoring indicator included
- Low maintenance – no cleaning required

applications

- Any HVAC system up to 3 tons or 1500 CFM with accessible ducts
- Residential homes
- Apartments
- Small offices

the technology

The activTek INDUCT 2000 substantially reduces odors, visible smoke in the air, and microbial populations on **surfaces***, utilizing the patent pending ActivePure technology. ActivePure consists of a special UV light and photocatalyst

target, creating an Advanced Oxidation Process containing several friendly oxidizers.

*Scientific tests have demonstrated the use of activTek air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. At this point, product testing does not make a similar demonstration with respect to airborne microbials. These statements have not been evaluated by FDA. These products are not intended to diagnose, treat, cure or prevent any disease.

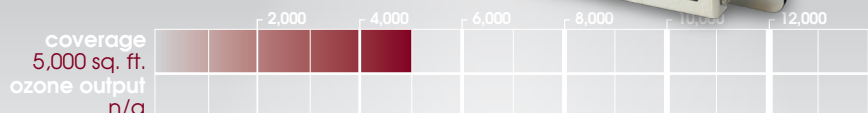


specifications

| | | |
|-------------|-----------------------------------|-----------------------------------|
| INDUCT 2000 | UK40427 | |
| electrical | 120/220 VAC, 50/60 HZ | 15 watts* |
| mechanical | UV bulb monitoring system install | safety interlock switch installed |
| dimensions | 9.625"H x 9.625"W x 11.25"D | 24.5cm L x 24.5cm W x 28.5cm D |
| weight | 3 pounds | 1.4 kilograms |
| max temp | 200°F | |



ACTIVTEK INDUCT 5000



DUCT MOUNTED SYSTEM

description

- Duct or plenum installed natural air system
- Discreet or concealed installation
- 120/220 volt optional installation
- UV bulb monitoring indicator included
- Low maintenance – no cleaning required

applications

- Any building with challenging odor, visible smoke, or microbials on surfaces with existing ducts
- Restaurants
- Bars
- Businesses

the technology

The activTek INDUCT 5000 substantially reduces odors, visible smoke in the air, and microbial populations on **surfaces***, utilizing the patent pending ActivePure technology. ActivePure consists of a special UV light and photocatalyst

target, creating an Advanced Oxidation Process containing several friendly oxidizers.

*Scientific tests have demonstrated the use of activTek air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. These statements have not been evaluated by FDA. These products are not intended to diagnose, treat, cure or prevent any disease.

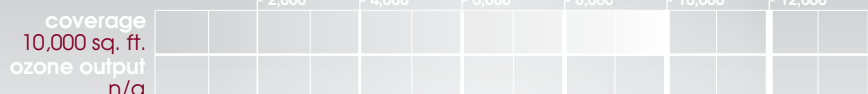


specifications

| | | |
|-------------|-------------------------------------|-----------------------------------|
| INDUCT 5000 | UK40425 | |
| electrical | 120/220 VAC, 50/60 Hz | 20 watts* |
| mechanical | UV bulb monitoring system installed | safety interlock switch installed |
| dimensions | 9.625" W x 9.625" H x 17" L | 24.5cm W x 24.5cm H x 43cm L |
| weight | 4 pounds | 1.8 kilograms |
| coverage | up to 5,000 square feet | |
| max temp | 200°F | |



ACTIVTEK INDUCT 10000



DUCT MOUNTED SYSTEM

description

- Duct or plenum installed natural air system
- Discreet or concealed installation
- 120/220 volt optional installation
- UV bulb monitoring indicator included
- Low maintenance – no cleaning required

applications

- Any building with challenging odor, visible smoke, or microbials on surfaces with existing ducts
- Restaurants
- Bars
- Businesses

the technology

The activTek INDUCT 10000 substantially reduces odors, visible smoke in the air, and microbial populations on **surfaces***, utilizing the patent pending ActivePure technology. ActivePure consists of a special UV light and photocatalyst

target, creating an Advanced Oxidation Process containing several friendly oxidizers.

*Scientific tests have demonstrated the use of activTek air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. These statements have not been evaluated by FDA. These products are not intended to diagnose, treat, cure or prevent any disease.

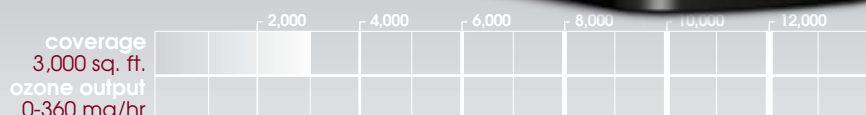


specifications

| | | |
|--------------|-------------------------------------|-----------------------------------|
| INDUCT 10000 | UK40426 | |
| electrical | 120/220 VAC, 50/60 Hz | 40 watts* |
| mechanical | UV bulb monitoring system installed | safety interlock switch installed |
| dimensions | 10" W x 11.25" H x 17" L | 25.5cm W x 28.5cm H x 43cm L |
| weight | 4 pounds | 1.8 kilograms |
| coverate | up to 10,000 square feet | |
| max temp | 200°F | |



FRESH AIR

PORTABLE WHOLE
HOME/OFFICE SYSTEM

description

- Self contained, portable, multiple technologies, whole home/office air system
- Adjustable purifier control and fan speed
- LCD status display of machine
- All settings are remote control adjusted only

applications

- For reduction or removal of typical indoor air pollutants such as: visible smoke, odors, and microbials on **surfaces***
- School classrooms
- Nursing homes
- Public lobbies and waiting rooms

the technology

The Fresh Air SE substantially reduces odors, visible smoke from the air, and microbial populations on **surfaces***, commonly found in the average home or office environment. Fresh Air also utilizes needlepoint ionization, pulsating negative/positive ion field generator,

corona discharge air freshener, and the patent pending ActivePure technology – consisting of a special UV light and photocatalyst target – thereby creating an Advanced Oxidation Plasma containing several friendly oxidizers.

*Scientific tests have demonstrated the use of activTek Environmental air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. These statements have not been evaluated by the FDA. These products are not intended to diagnose, treat, cure, or prevent any disease.

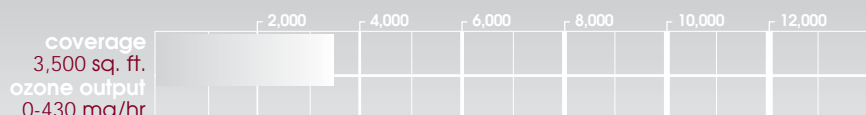


specifications

| FRESH AIR | UK40135gGRW | |
|------------|--|---|
| electrical | 120/220 VAC, 50/60 Hz | 50 watts* |
| mechanical | 70-100 CFM Fan, Washable electrostatic lint screen | computer style cord |
| controls | minimal front panel control, "away mode" feature with adjustable digital timer | 5 speed fan control, 12 step purifier control 250 to 3,000 square feet |
| dimensions | 12"H x 9" W x 12" D | 30.5cm H x 23cm W x 30.5cm D |
| weight | 16 pounds | 7.25 kilograms |



EAGLE 5000

COMMERCIAL AIR
TREATMENT SYSTEM

description

- Self contained, portable, multiple technology, air treatment system
- Plugs into standard 220 VAC outlet
- DC Ion injector with adjustable -tive to +tive ratio output
- Pulsating +/- ion field generator up to 60 feet
- Activated charcoal deodourising screen
- Washable permanent lint screen and HEPs

applications

- Combination moderate visible smoke, odour and microbial control on surfaces in industrial and commercial applications
- Designated smoking areas
- Restaurants
- Conference facilities / bowling alleys
- Salons

the technology

The Eagle 5000 substantially reduces odours, visible smoke from the air and microbial populations on **surfaces***, commonly found in the average commercial or industrial environment. Eagle 5000 utilizes a unique combination of 'corona discharge' created ozone, needlepoint ionisation and pulsating positive / negative ion field generator technologies.

*Scientific tests have demonstrated the use of activTek Environmental air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. These statements have not been evaluated by the FDA. These products are not intended to diagnose, treat, cure, or prevent any disease.

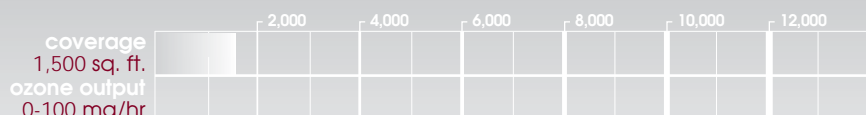


specifications

| EAGLE 5000 | UK50040BLK | |
|------------|---|---|
| electrical | 220 VAC 50HZ* | 60 watts* |
| mechanical | 82 CFM variable speed, Adjustable DC ion control | Adjustable ozone output control |
| controls | minimal panel control, adjustable DC ion and ion pulsator with adjustable fan speed | No remote control 3,500 square feet - coverage |
| dimensions | 6.5" H x 6.5" W x 7" D | 16.5cm H x 16.5cm W x 17.8cm D |
| weight | 35 pounds | 15.9 kilograms |



ECOBX

SINGLE ROOM
HOME/OFFICE SYSTEM

description

- Self contained, portable, multiple technologies, single room air system
- Plugs into standard 220 VAC outlet
- Adjustable fan speed
- Away Mode
- All settings can be adjusted using the control panel or the remote control

applications

- Any single room application with challenging odour visible smoke or microbials on surfaces.
- Homes
- Offices
- Apartments
- Hotel Rooms
- Small Shops

the technology

The EcoBox substantially reduces odours, visible smoke from the air and microbial populations on **surfaces***, commonly found in the average home or office environment. EcoBox utilizes needlepoint ionisation, pulsating positive and negative ionisation, corona discharge air freshener in Away Mode and the patent pending ActivePure technology - consisting of a special UV light and photocatalyst target - thereby creating an Advanced Oxidation Plasma containing several friendly oxidisers.

*Scientific tests have demonstrated the use of activTek Environmental air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. These statements have not been evaluated by the FDA. These products are not intended to diagnose, treat, cure, or prevent any disease.



specifications

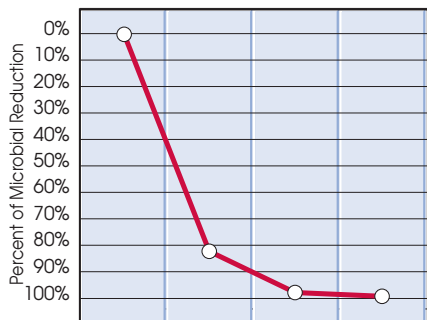
| ECOBX | UK40469 GRP or PRL | |
|------------|--|--|
| electrical | 15 Volt DC | 30 watts* |
| mechanical | Adjustable Fan speeds, electrostatic lint screens | computer style cord |
| controls | minimal side panel control, "away mode" feature with adjustable fan speed and remote control | remote controlled fan speeds, 2 hour Away mode feature, 1,500 square feet - coverage |
| dimensions | 6.5" H x 6.5" W x 7" D | 16.5cm H x 16.5cm W x 17.8cm D |
| weight | 2 pounds | 0.9 kilograms |

Effects of ActivePure (RCI) Technology

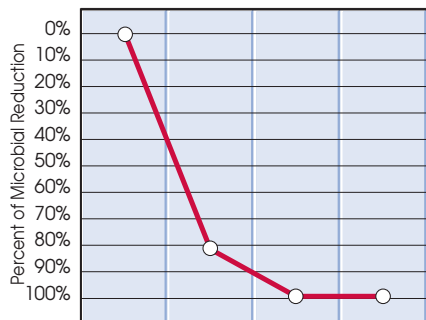
on reducing common bacteria and fungi on **surfaces*** in 24-hour testing.



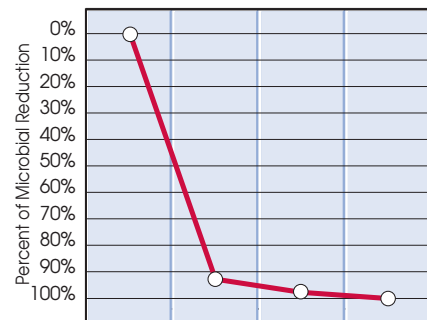
S. aureus Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



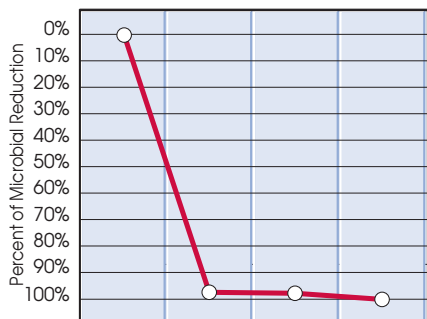
E. Coli Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



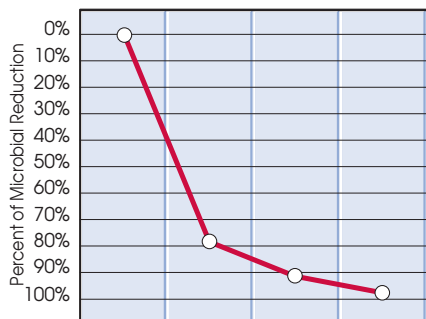
Bacillus spp. Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



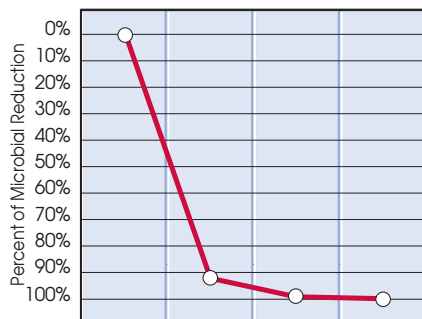
S. aureus r Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



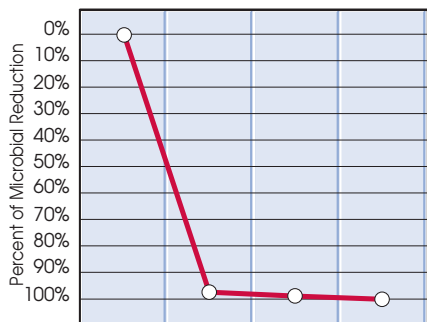
Streptococcus spp. Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



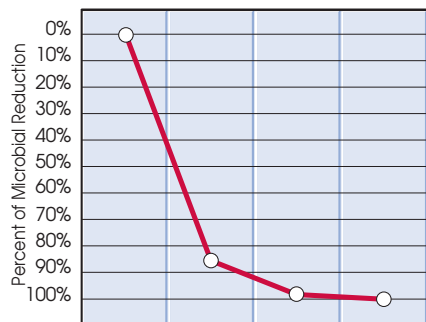
Pseudomonas spp. Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



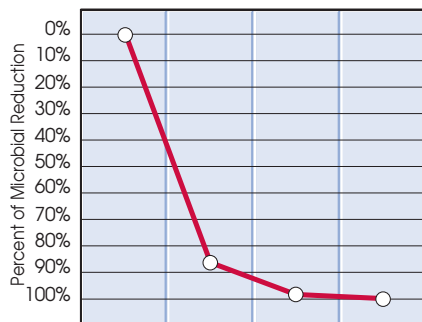
L. monocytogenes Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



C. albicans Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



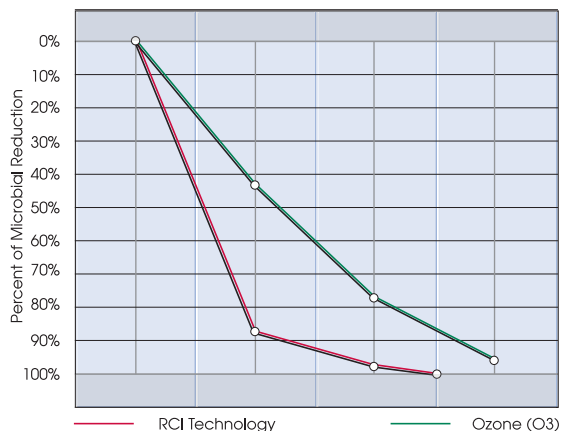
S. chartarum Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 24 hrs



Comparing The Effects of ActivePure (RCI) Technology and Ozone Technology

on reducing common bacteria and fungi on **surfaces*** in 24-hour testing.

C. albicans (Candida albicans) Average of two 24-hour tests
0 hrs 2 hrs 6 hrs 12 hrs



Testing by Kansas State University. Field results may vary based on environmental conditions.

*Scientific tests have demonstrated the use of EcoQuest air purifiers substantially reduce microbial populations on **surfaces** – including but not limited to Escherichia coli, Listeria monocytogenes, Streptococcus spp., Pseudomonas aeruginosa, Bacillus spp., Staphylococcus aureus, Candida albicans, and S. chartarum. Presently EcoQuest does not make a similar claim with respect to airborne microbial. These statements have not been evaluated by the FDA. These products are not intended to diagnose, treat, cure, or prevent any disease.

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US20517

Our Mission

activTek Environmental's mission is to become the total solution provider for all indoor air quality problems in commercial buildings and residential new construction.



Our company has been awarded Certified Space Technology status by the NASA affiliated Space Foundation. ActivePure (RCI) Technology is based on NASA research developed for the International Space Station to reduce exposure to harmful contaminants.



ActivePure (RCI) Technology recreates the same natural processes that reduce pollution outdoors, indoors. Safe, natural purifiers actively seek out pollution in an environment, reducing indoor air pollution and exposure to illness-causing germs on surfaces.



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