

Inoculate Indoor Microbiological Pathogens With Space Age Technology

Regent Distinguished Professor at Kansas State University, **Dr. Jim Marsden**, has stated that our technology inactivates and inoculates harmful indoor pathogens on SURFACES AND IN THE AIR which include bacteria, viruses, germs, mold spores, mildew, etc., that all contribute to unhealthy indoor living in homes, hospitals and buildings of every kind.

People with asthmatic, allergic and all types of bronchial disorders have found incredible relief with these fresh air systems that actually produces FRESH AIR INDOORS! Imagine being able to take nature's way of cleaning air outdoors and bringing it indoors 24 hours per day, 7 days a week! Our technology is also being shown to reduce bacteria on FOOD SURFACES within 24 hours up to 99.99%! This is revolutionary technology uses what is called 'friendly oxidizers' at very low levels that many people of scientific importance are catching up to and declaring is the best process of cleansing indoor air pollution known to date.

There are no 'filters' used with our air purification systems. We use nature's way of cleansing the air with a simulated sunshine's energy of positive and negative ionization and activated oxygen called ozone as well as a thunderstorm cleaning that include ultra violet wave germicidals and activated oxygen (ozone) that actually clumps dust particles together for example to then settle on surfaces. Carbon monoxide (CO) is destroyed by ozone (O₃ = activated oxygen) with our systems just as sunlight and a thunderstorm does is another example. We have taken nature's way of cleansing the air and duplicated this process indoors through the many faceted way nature cleans the air! Low-level ozone is used in our earth's ecosystem and is absolutely essential for ozone to exist in the amounts it does in the environment. Take out all ozone from our ecosystem and life disappears.

Also, Dr. Marsden has stated that about 87% of the ozone that is produced in what is called RCI (Radiant Catalytic Ionization) system is actually CONVERTED INTO OTHER OXIDIZERS OR OXYGEN. He also stated that there would be MORE ozone out in the hallway where this RCI technology was NOT being utilized than that which would be in an area that has the RCI technology utilized so the ozone levels become stabilized!! In other words, the ozone levels go DOWN IN AN ENCLOSED ENVIRONMENT and not UP when the ozone technology is operating through the RCI technology!!

Dr. Marsden also says that he has never found one negative effect of normal ionization and low levels of ozone except that it's ALL GOOD! In fact, he says the concern is NOT having a technology like this in an enclosed environment than what is actually IN OUR AIR INDOORS! So much for the 'ozone is dangerous' proponents!

Yes, at high levels ozone it is dangerous. So is water at high levels. Try being at the bottom of a swimming pool for about 1/2 hour with no oxygen for example. Our units are not 'ozone generators.' They are a producer of fresh air indoors. Whether it is particulates, microbes or gases and odors, our units work and do the job that no other air 'filtration' or 'purification' system can boast of.

In Summary

	UV-C Germicidal Lamp	UV-C Ozone Lamps	Corona Discharge Ozone Systems	UV-C Catalytic Oxidation Systems	Photo- hydro- ionization™ Systems	RCI™ Cell
Designed for HVAC Systems	Yes	Yes	Yes	Yes	No	Yes
Provides whole house air purification	No	Yes	Yes	No	Yes	Yes
Keeps mold from growing on AC coil	Yes	?	?	No	Yes	Yes
Reduces odors, VOC's, bacteria, viruses and mold throughout the house	No	?	?	No	Yes	Yes
Low initial cost	Yes	Yes	No	No	Yes	Yes
Low installation cost	Yes	Yes	No	No	Yes	Yes
Reduces microbials by over 90% throughout the house	No	?	?	No	Yes	Yes
Provides a broad range of disinfections	No	No	No	Yes	Yes	Yes
Low maintenance	Yes	Yes	No	?	Yes	Yes
Low power consumption	Yes	Yes	No	?	Yes	Yes
Meets Federal ozone safety guidelines	Yes	?	No	Yes	?	Yes
Has the broadest range of effectiveness	No	No	No	No	No	Yes
One unit will service a HVAC System	No	Yes	Yes	Yes	?	Yes

The RCI™ Cell Technology is a vast improvement over ozone units using the corona discharge method of creating ozone, which requires 5,000 - 10,000 volts of electricity.

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