

#### THE CHALLENGE

Viruses, Infectious Bacteria and Fungi continue to be a worldwide threat to the health of humans and other life forms. Current infection control protocols continue to struggle against these threats.

The struggle is becoming more complicated despite all of the preventive precautions. The interconnectedness of the world is problematic as we try to avoid diseases and sickness.

# PITFALLS OF CURRENT TECH

The current technologies are either reactionary or ongoing procedures that are not comprehensive.

### COMPREHENSIVE STRATEGY

CIMR has been proven effective against many infectious microorganisms, including:

- RNA Virus Strands
- Norovirus
- E-Coli
- H5N8 Virus
- MRSA (Methicillin Resistant Staphylococcus Aureus)
- Streptococcus (Strep)
- Pseudomonas
- Swine Flu (H1N1)
- Nonresistant Staphylococcus Aureus
- Listeria Monocytogenes Stachybotrys Chartarum (Black Mold)
- Candida Albicans
- Fungi CNS
- Aspergillus
- Bacillus Subtillus

# You've found the answer...

Join the evolution of disease fighting by giving your building the *power to sanitize* all air, surfaces, cracks and crevices on a consistent basis with a product that has proven effective on all virus and bacteria it has been tested against.



Electrical Mechanical Dimensions Weight Coverage OSHA PEL 1 ppm 120 – 220 VAC 60Hz - 50Hz 280 Watts
14 inch cells
15" H x 19.25" L x 7.25" W
30 pounds
1000 SF to 16,000 SF
.02 ppm

 Kills even the smallest microorganic pathogens – viruses, bacteria, mold, VOC's and odors

- Kills germs in the air and on every surface
- Microbial pathogens are decomposed and rendered harmless
- Kills fungi/mold
- Easily installed into HVAC systems
- Does <u>NOT</u> produce ozone

### **CIMR® Testing Results**

CIMR® air purification technology is capable of disinfecting viruses, bacteria, mold, and fungi **both in the air and on surfaces**. The products were used to stabilize and remediate extensive mold contamination at a fraction of the cost and time of conventional remediation methods.

CIMR® added a **prevention** phase to the remediation process by installing CIMR® powered units in HVAC systems to prevent new mold growth.

Kansas State University observed that CIMR® technology demonstrated the ability to disinfect **96.4% to 99.93%** of viruses, bacteria, and mold spores on surfaces within two hours.

The University of Cincinnati noted that units; powered by CIMR® technology, demonstrated that within one hour it could kill 90% of airborne virus and 70% of airborne bacteria.

## Flood & Mold Remediation

Hi-Tech does not fully disclose its **patent pending & proprietary processes**; however, our effectiveness in mold remediation and pathogen decimation cannot be disputed.

Hi-Tech processes kill mold under ambient conditions traditional remediation companies seek to avoid, **reducing climate control costs**. Mold organisms are more easily killed within days.

Once the site has been remediated, as long as inexpensive maintenance systems remain in place and the source of moisture is controlled, mold does not re-establish and repeated post-remediation testing by testing companies and the **Army Corps of Engineers**, has demonstrated lower spore counts than traditional remediation methods achieve.





While CIMR is not just a UV

governed by the following

FIFRA 40 CFR 152.500

FIFRA 40 CFR 156.10

FIFRA 41FR 51065

EPA 065975-TN-001

requirements:

device, UV is utilized to create

the powerful vaporized hydrogen peroxide. As a UV device, it is

# Test results from K State Research Report – Evaluation of Continuous Infectious Microbial Reduction System (CIMR) for the Inactivation of Influenza A H1N1 on Stainless Steel Surfaces



| Sample           | Influenza A HINI Treated with No- Ozone producing Cell Log CFU/cm <sup>2</sup> | Influenza A H1N1  Control  Log CFU/cm <sup>2</sup> |
|------------------|--|--|
| Initial – 0 Time | 7.1  | 6.9  |
| 2 Hours          | 4.2  | 6.6  |
| 4 Hours          | 2.4  | 6.7  |
| 6 Hours          | BDL  | 6.6  |
| 8 Hours          | BDL  | 6.2  |
| 12 Hours         | BDL  | 6.2  |
| 24 Hours         | BDL  | 6.3  |

This methodology found that within 24 hours, 96.4% to 99.9% microbial reduction was noted on surfaces contaminated with Staphylococcus aureus, E-Coli, Listeria monocytogenes, Candida albicans, Streptococcus, and Pseudomonas and thereafter new microbe reduction was virtually instantaneous

Based on the results of this study, the Continuous Infectious Microbial Reduction (CIMR®) system has the potential to reduce sources of microbial contamination in health care and other indoor air environments. This technology is effective at reducing populations of Methicillin resistant Staphylococcus aureus and Listeria monocytogenes on stainless steel surfaces.

The active antimicrobial in the CIMR® System is Vaporized Hydrogen Peroxide.

The system does not produce measurable levels of ozone.

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CIMR install is simple and does not require any downtown for the customers. It can be installed during construction or after with minimal voltage requirements.

#### PURCHASE OPTIONS

Leasing and financing options are available. Cash, checks, and credit cards are accepted as well. Call, text or email now to get your price and your delivery scheduled. You can start protecting your health today and stop the spread of virus.

## **COMMERCIAL INSTALLATIONS**

- US Army Barracks
- Pinecrest Baptist Church
- Boiling AFB
- Fort Gordon
- Lamar University
- Corpus Christi Naval Commissary
- Fort Hood
- Harris County Family Law Center

- Fort Polk
- Spindletop Museum
- FEMA
- National Historical Society
- Assistance Living Centers
- UPMC: University Pittsburg Medical Center
- MHMR Facility



CIMR Exceeds all OSHA, EPA, FDA & CARB Regulations In Air Purification, Decontamination & Sanitization.

Click here to start sanitizing

