



FREQUENTLY ASKED QUESTIONS AND ANSWERS

CONTENT	PAGE
INTRODUCTION TO CIMR® CONTINUOUS INFECTIOUS MICROBIAL REDUCTION (CIMR®) TECHNOLOGY	02
HOW DOES CIMR® TECHNOLOGY DIFFER FROM OTHER TECHNOLOGIES?	02
WHAT IS CIMR® INFECTION CONTROL TECHNOLOGY?	03
WHAT DOES CIMR® TECHNOLOGY DO?	03
WHAT IS THE ADVANTAGE OF USING CIMR® OZONE-FREE TECHNOLOGY?	03
IS CIMR® TECHNOLOGY SAFE FOR LONG TERM USE?	04
HOW CAN SUCH A SMALL AMOUNT OF DHP POSSIBLY BE EFFECTIVE?	04
WHAT DOES THE AIR TREATED BY CIMR® TECHNOLOGY SMELL LIKE?	04
CAN CIMR® TECHNOLOGY HELP WITH HIGH OZONE LEVELS IN OUR AIR?	04
DO OTHER HYDROGEN PEROXIDE SYSTEMS HAVE LIMITATIONS?	05
WHERE CAN CIMR® TECHNOLOGY BE BEST USED?	05
WHAT TYPES OF CIMR® EQUIPMENT ARE AVAILABLE?	05
DO YOU HAVE ANY PROOF OF THE EFFECTIVENESS OF CIMR® TECHNOLOGY?	05
CAN THE AIR BE OVERTREATED/OVER SATURATED WITH DHP?	06
ARE THERE ANY KNOWN ALLERGIES CAUSED BY DHP?	06
DO THE PUBLIC, FIRE DEPARTMENT OR ANY EMERGENCY SERVICES NEED TO BE NOTIFIED OF CIMR® USAGE AND CAN IT TRIP OFF SMOKE DETECTORS?	06
WILL CIMR® EQUIPMENT HAVE ANY NEGATIVE EFFECT ON ELECTRONICS, WI-FI, DATA CENTERS, METAL, ARTWORK, DECORATIONS, HVAC COILS AND FANS?	06
WILL CIMR® EQUIPMENT HAVE ANY NEGATIVE EFFECT ON PLANTS, FOOD OR HUMANS, TASTE OR SPOIL FOOD?	06
WHAT CERTIFICATIONS DOES CIMR® COMPLY WITH?	06
DOES CIMR® EQUIPMENT NEED MAINTENANCE, ADJUSTMENT, OR CLEANING?	07
HOW LONG IS THE CIMR® EQUIPMENT EFFECTIVE AND HOW CAN THE USER TRACK EFFICIENCY?	07
WHO IS CURRENTLY USING CIMR® TECHNOLOGY?	08
DO FACE MASKS/SHIELDS AND SOCIAL DISTANCING NEED TO BE ENFORCED WHEN CIMR® EQUIPMENT IS IN USE?	08
IF A PERSON HAS COPD OR A RESPIRATORY ISSUE, WILL THIS AFFECT THEM, WILL IT HAVE A NEGATIVE EFFECT ON PEOPLE WHO USE OXYGEN TANKS, AND ARE THERE ANY FORM OF EMISSIONS?	08
SYNOPSIS	08

INTRODUCTION TO CIMR® CONTINUOUS INFECTIOUS MICROBIAL REDUCTION (CIMR®) TECHNOLOGY

CIMR® Continuous Infectious Microbial Reduction (CIMR®) Technology is effective against microbes both airborne and on all surfaces. It creates 0.02 parts per million (ppm) of Dry Hydrogen Peroxide (DHP) gas from the oxygen and humidity that already exists in the air. The DHP diffuses and infiltrates everywhere air travels, disinfecting microbes in places that other technologies cannot reach. The DHP molecules have both localized positive and negative charges; they are drawn to viruses and bacteria by electrostatic attraction. CIMR® Technology destroys microbes.

The DHP Gaseous Technology used in CIMR Equipment disinfects indoor air and surfaces from viruses, bacteria, mold, and fungi. Peer-reviewed and published studies conducted by Kansas State University, the University of Cincinnati, and independent studies from Sandia Labs, have proven DHP Gaseous Technology to be effective against the H5N8 Virus, Methicillin Resistant Staphylococcus Aureus (MRSA), Streptococcus, E-Coli, Listeria, Candida, Pseudomonas, Bacillus Subtilis, and Stachybotrus Chartarum (black mold). Also, scientific tests performed by universities have proven that DHP technology can disinfect at least 96.4% and as much as 99.99% of surface-contaminating viruses and bacteria within the first 24-hours after installation. Regarding the effects on mold, it turns a quarter-inch deep colony of mold into an easily removable powder. It kills the mold on the inside of a wall cavity and inside a plenum. Dr. James Marsden from Kansas State University had this to say based on his extensive research: **“After the first 24-hours exposure, any new microbe reduction is virtually instantaneous.”**

The DHP gas is odorless and safe to use in enclosed and occupied spaces. According to OSHA, one (1) part per million (0.01 ppm) of DHP gas is safe throughout the working environment. The ozone-free CIMR® Technology only uses one-fiftieth (1/50TH) of that amount and can reduce ozone concentrations in the air to produce oxygen and water vapor.

The technology provided by CIMR® Biotech is used by many government institutions and establishments such as the U.S. Army Corps of Engineers, the U.S. Defense Force, the US Navy, NASA, FEMA (Federal Emergency Management Agency), and universities.

Since most people have used hydrogen peroxide at one time or another to disinfect a wound or minor infection, all feel comfortable knowing that they are protected by minimal amounts of DHP gas in the air—just one hydrogen peroxide molecule for every ten million oxygen molecules.

The initial advantage of a duct (air conditioning system) mounted system is the virtual sanitizing of the air ducts and plenums, which can often be the source of disease and allergies in facilities because they can be contaminated with viruses, bacteria, mold, and other fungi.

CIMR® Technology is also fully scalable. From systems compact enough to protect a small room or installed in a self-contained heating and cooling unit, those designed to protect up to 1,000,000,000 square feet (1 trillion) /304,800,000 square meters (three hundred and four million eight hundred thousand). CIMR® has several types of equipment for various shared indoor space environments such as portable stand-alone units and others that have to be installed.

HOW DOES CIMR® TECHNOLOGY DIFFER FROM OTHER TECHNOLOGIES?

Current technologies include air filtration, electronic air filters/plasma, hydrogen peroxide misting systems (aqueous/liquid), chemical misting systems (aqueous/liquid), ozone systems, ionic technology, ultraviolet lights, and general chemical disinfectants.

Each of the current technologies and solutions have limitations, in that all filtration systems (e.g., standard, HEPA, electronic, electronic plasma) are passive technologies. These products rely on the air and pathogens to travel to/through the system. They will however not affect the pathogen that does not make it to the system. Non-electronic systems will not kill the smaller pathogenic particulates, which will pass through because of their microscopic size.

WHAT IS CIMR® INFECTION CONTROL TECHNOLOGY?

CIMR® continuously disinfects and kills viruses, bacteria, mold, and other fungi by producing 0.02 ppm (parts per million) of dry hydrogen peroxide (DHP) gas from oxygen and water vapor in the air. This process is ongoing while building occupants and visitors such as patients, staff, shoppers, and clients/customers are present. CIMR® is different from the aqueous vaporized process, which takes liquid hydrogen peroxide and vaporizes it into the air. The aqueous (liquid) vaporized process often results in DHP levels over OSHA (Occupational Safety and Health Administration) limits for occupied areas.

At the core of CIMR® Technology is a photo catalytic process that produces a gaseous DHP. This Technology is effective against microbes both in the air (shared indoor air space) and on surfaces. Because the DHP molecules have both localized positive and negative charges; they are drawn to viruses and bacteria by electrostatic attraction.

As mentioned, it works by creating 0.02 ppm of DHP gas from the oxygen and humidity already in the air. The DHP gas is then supplied to the areas where it diffuses everywhere that air travels indoors, disinfecting microbes in places that other technologies can't even reach. For example, The gaseous DHP first sanitizes the air ducts, then it sanitizes the indoor air and exposed surfaces, and over time diffuses into every crack and crevice that air can penetrate, disinfecting microbes in places that other processes such as mists, sprays, wipe downs and/or traditional/conventional chemical disinfectants cannot reach.

CIMR® can inactivate and reduce micro-organisms' viability by 95% in as little as two (2) hours. CIMR® can also provide healthier indoor environments by reducing common illnesses among occupants, resulting in reduced absenteeism and increased productivity.

WHAT DOES CIMR® TECHNOLOGY DO?

CIMR® provides excellent indoor air quality by disinfecting existing microbial contamination then continues to safeguard the protected area against the introduction of new pathogens such as viruses, bacteria, mold, and other fungi. CIMR® first sanitizes air ducts, then sanitizes the air and exposed surfaces in the shared indoor air space areas; then, over time, DHP gas in the air, treated by CIMR®, diffuses into every crack and crevice that air can penetrate, disinfecting microbes in places that other processes cannot reach.

University scientific tests employing DHP used in CIMR® Technology have shown that it can sanitize air ducts; disinfect viruses and bacteria in the indoor air space, and disinfect surfaces, items, and objects contaminated with viruses, bacteria, and mold.

DHP is very effective at disinfecting the H5N8 Virus, Methicillin, resistant Staphylococcus Aureus (MRSA), and Black Mold, as well as several other microbes. CIMR® provides new options for anyone seeking to safeguard people (in shared indoor air space) against pandemic flu, nosocomial infections, and biological threats.

WHAT IS THE ADVANTAGE OF USING CIMR® OZONE-FREE TECHNOLOGY?

CIMR® uses an ozone-free disinfection process. It provides infection control options for users who want to avoid ozone. CIMR® continuously disinfects using a gaseous DHP disinfection process. It provides active, aggressive infection control strategies to combat various types of contamination.

CIMR® Technology provides the following benefits:

- Huge savings through:
 - Lower cost of prevention
 - Lower cost of remediation or sanitization
- Rapid return on investment
- Reduces the risk of spreading or cross-contaminating people or building
- Low up-front cost compared to other chemicals and systems
- 24-hour real-time, continuous protection
- Stabilization of areas before remediation can begin

- Low maintenance; replacing of cell or light required only every three (3) years
- Better indoor air quality for all occupants and visitors
- Less absenteeism from workers.

IS CIMR® TECHNOLOGY SAFE FOR LONG TERM USE?

Yes, as we mentioned above, 0.02 ppm of DHP gas is just one-fiftieth of the amount that OSHA requires throughout a standard workday. Air containing 0.02 ppm of hydrogen peroxide gas is also safer than outside air containing 0.04 ppm to 0.08 ppm ozone, a much more potent oxidizer. As an added benefit, DHP gas helps to control the amount of ozone in the incoming air. CIMR® Technology is an ozone-free process that uses minute amounts of DHP gas to kill viruses, bacteria, molds, and other fungi.

DHP gas concentration is also self-controlling. If DHP gas increases above 0.02 ppm, it starts reacting with itself until the concentration drops back down to 0.02 ppm. CIMR® Equipment produces much higher concentrations of DHP gas immediately around the units themselves, but the DHP gas reacts with itself so fast that the concentration drops to 0.02 ppm within about an inch/2.5cm of the Equipment. Also, when DHP gas reacts with itself, it breaks down into non-toxic oxygen and water vapor.

When CIMR® Equipment is placed in the air intakes and supply air is brought in from the outside, DHP gas will react with the naturally occurring ozone to produce oxygen and water vapor, bringing the ozone concentration down 0.02 ppm in the incoming air. Understandably, people would prefer to breathe air containing one-fiftieth (1/50TH) of the amount of hydrogen peroxide that OSHA confirms as safe than continually dwell in environments containing trillions of live viruses, bacteria, molds, and other fungi.

HOW CAN SUCH A SMALL AMOUNT OF DHP POSSIBLY BE EFFECTIVE?

There are millions of gas molecules in the air. Even at 0.02 ppm, there are still 500,000,000,000 hydrogen peroxide gas molecules in a single litre of air at room temperature. That means that the DHP molecules are only 1.25 to 1.5 microns apart. Bacteria are about one micron in size, so they can't move very far without running into several hydrogen peroxide molecules. Viruses can be as small as 0.1 microns, but they will still run into DHP if they move just fifteen times their length. The real advantage is that hydrogen peroxide molecules don't only bump into microbes independently but are attracted to the microbes. Like water, hydrogen peroxide has both localized positively charged points (the hydrogen atoms) and localized negatively charged points (the oxygen atoms) on each molecule. So DHP gas molecules are attracted to positive and negative charges on microbes' surface and are drawn to microbes through the air by electrostatic attraction.

WHAT DOES THE AIR TREATED BY CIMR® TECHNOLOGY SMELL LIKE?

Nothing. It is almost entirely odorless. At 0.02 ppm, DHP gas is undetectable by the human nose, so CIMR® Equipment does not produce an odor. However, CIMR® Technology will eliminate some odors by disinfecting molds, mildew, and other microbes that produce odors. As odor-producing microbes are disinfecting, they will stop making new odors, and old odors produced before the disinfection will dissipate over time. Additional scientific studies confirmed that CIMR® Equipment reacts and reduces VOC's.

CAN CIMR® TECHNOLOGY HELP WITH HIGH OZONE LEVELS IN OUR AIR?

If CIMR® Equipment is placed in the air intakes, as air is brought in from outside, hydrogen peroxide gas will react with the ozone to produce oxygen and water vapor, bringing the ozone concentration down to 0.02 ppm in the incoming air.

DO OTHER HYDROGEN PEROXIDE SYSTEMS HAVE LIMITATIONS?

There are other hydrogen peroxide disinfection processes available, and they do have limitations compared to CIMR® Technology. Other hydrogen peroxide processes vaporize liquid hydrogen peroxide solutions to create a mist of water droplets containing hydrogen peroxide. Such hydrogen peroxide environments have hundreds and sometimes thousands of parts per million hydrogen peroxide, so they can't be used in occupied spaces. Also, the droplets precipitate out of the air, so they have trouble spreading through a facility. But the most significant disadvantage for these systems is that the hydrogen peroxide in the water droplets is surrounded by water. This insulates the hydrogen peroxide molecules in the droplets and prevents them from being drawn to microbes in the air or on surfaces by electrostatic attraction.

Because CIMR® Technology uses oxygen gas and water in gas form, to begin with, it produces DHP in proper gas form. DHP gas molecules produced by CIMR® Technology units are not trapped in water droplets and can diffuse through the air like any other gas, even into cracks and crevices. Because water molecules do not insulate them, they can be drawn to microbes by electrostatic attraction. This makes a much smaller amount of DHP gas much more effective and provides an effective infection control technology safe to use in occupied spaces.

CIMR® substantially reduces microbial populations. The system inside the Equipment consists of a special high output UVX light and photo-catalyst target, creating an advanced oxidation process.

WHERE CAN CIMR® TECHNOLOGY BE BEST USED?

Consider in the not-too-distant future, businesses and government agencies safeguarding their employees and the public against viruses, bacteria, mold, microbial infections, and the pandemic flu; hospitals and health care and medical institutions virtually eliminating the risk of antibiotic-resistant bacteria and other hospital-acquired infections. Envision schools and businesses with people protected against airborne and surface-contamination. Severe illnesses and absenteeism from work reduced because the sanitized air inhibits the proper concentration of pathogens. Envision airplanes, trains, and other means of mass transportation protected from infectious diseases. Imagine restaurants and cruise ships that being resistant to no virus outbreaks. By adequately installing CIMR® Equipment we can all have the ability to restore, protect, and positively change the environments where people live and work to have safer dwelling areas and experience more productive lives.

WHAT TYPES OF CIMR® EQUIPMENT ARE AVAILABLE?

CIMR® Equipment comes in various units and sizes. From units to safeguard large complexes, buildings, factories, warehouses, and malls, to those small enough for a single room. CIMR® Equipment can also be installed in air intakes, air ducts, and single room heating and cooling units, or purchased in portable stand-alone units, suitable for even public transport vehicles.

DO YOU HAVE ANY PROOF OF THE EFFECTIVENESS OF CIMR® TECHNOLOGY?

Our CIMR® Equipment is registered, tested, and verified by regulatory, accredited, and independent authorities and labs following national and international standards, ensuring strict compliance with regulations, requirements, and standards.

Kansas State University (KSU) found that the hydrogen peroxide gas technology disinfected 99% of the H5N8 Virus on surfaces within two hours. KSU also found that the hydrogen peroxide gas technology disinfected surfaces contaminated with MRSA (Methycillin Resistant Staphylococcus Aureus), nonresistant Staphylococcus Aureus, E-Coli, Listeria Monocytogenes, Candida Albicans, Stachybotrus Chartarum (Black Mold), Streptococcus, Pseudomonas, and Bacillus Subtillus. This study demonstrated microbial reduction on contaminated surfaces by 96.4% to 99.9% within the first twenty-four hours. The University of Cincinnati also documented that the hydrogen peroxide gas technology disinfected contaminated air, containing the MS2 Bacteriophage Virus and the Bacillus Subtillus Bacteria.

CAN THE AIR BE OVERTREATED/OVER SATURATED WITH DHP?

Should the DHP gas increase above 0.02 ppm, it will react with itself until the concentration drops back down to 0.02 ppm. Also, when DHP gas reacts with itself, it breaks down into non-toxic oxygen and water vapor. Air containing 0.02 ppm of DHP gas is also safer than outside air containing 0.04 ppm to 0.08 ppm ozone, a much more potent oxidizer. If CIMR® Technology units are placed in the air intakes, as air is brought in from outside, the DHP will react with the ozone to produce oxygen and water vapor, bringing the ozone concentration down to 0.02 ppm in the incoming air.

ARE THERE ANY KNOWN ALLERGIES CAUSED BY DHP?

No known documented allergies are known to be caused by DHP. OSHA has certified the levels of safety, and our CIMR® Technology is significantly below that. However, nothing is 100% perfect, and someone may have some isolated "allergic" reaction, but it is highly unlikely in the traditional sense of hives, urticaria, and anaphylaxis. A good analogy would be that some people may be allergic to shrimp, but there are no known reactions in these people if they smell shrimp cooking, which involves concentrations greater than 0.02 ppm.

DO THE PUBLIC, FIRE DEPARTMENT OR ANY EMERGENCY SERVICES NEED TO BE NOTIFIED AND CAN IT TRIP OFF SMOKE DETECTORS?

No, on all of the above. CIMR® Technology works by creating 0.02 parts per million (ppm) of DHP gas from the oxygen and humidity already in the air. The DHP gas is then supplied to the areas where it diffuses everywhere that air travels, disinfecting microbes in places that other technologies can't even reach. For example, The gaseous DHP first sanitizes the air ducts, then sanitizes the air and exposed surfaces, and over time diffuses into every crack and crevice that air can penetrate, disinfecting and killing microbes in places that other processes or wipe downs and chemical disinfectants cannot reach.

WILL CIMR® EQUIPMENT HAVE ANY NEGATIVE EFFECT ON PLANTS, FOOD SERVICE CIMR, TASTE OR SPOIL FOOD?

The DHP gas has no side effects on humans, animals, plants, and the environment. It will not affect food and disinfects all areas and surfaces (e.g., tables, chairs, countertops, utensils, cutlery, crockery, linen, uniforms) in all shared spaces, including places where food is served. CIMR® Technology is proven to extend the shelf life of produce and combat bacteria such as E. Coli.

WHAT CERTIFICATIONS DOES CIMR® COMPLY WITH

It is not LEED Certified, but the details below confirm that the CIMR® Equipment should fully comply with all LEED Design and Construction Requirements and Regulations as it ensures a safer, cleaner, healthier shared ("greener") indoor space.

CIMR® complies the following certifications, registrations, and seals/marks/stamps of approval:

- **Energy Star** is a program run by the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) that promotes energy efficiency. This Program provides information on the energy consumption of products and devices using different standardized methods.
- **UL LLC** is a global safety certification company established in 1894. U.L. is approved to perform safety testing by the U.S. Federal Agency Occupational Safety and Health Administration (OSHA).
- **The Environmental Protection Agency (EPA)** is an independent executive agency of the United States federal government tasked with environmental protection matters. The registration process involves scientifically evaluating the safety and effectiveness of a product to protect the health and safety of people, animals, plants, and the environment.

- **Environmental Technology Verification (ETV)** consists of verifying the performance of environmental technologies; the establishment or validation of performance by qualified third parties based on test data generated through testing using established protocols or specific requirements. ETV verifies the implementation of innovative environmental technologies that can address problems that threaten human health or the natural environment.
- **The FCC Declaration of Conformity**, the FCC label or the FCC mark, is a certification mark employed on electronic products manufactured or sold in the U.S., which certifies that the device's electromagnetic interference is under limits approved by the Federal Communications Commission.
- **RoHS** is a product level compliance based on the European Union's Directive 2002/95/E.C., the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS). Products compliant with this directive do not exceed the allowable amounts of the restricted materials with some limited exemptions.
- **C.E. marking** is an administrative marking that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA). The C.E. marking is found on products sold outside the EEA that are manufactured to EEA standards.
- **The GS Mark** is recognized throughout Germany and E.U. countries as a symbol of safety. It assures end-users that an authorized third party has independently tested the product for safety. The GS Mark indicates that it was tested and complies with the minimum requirements of the German Product Safety Act.

DOES CIMR® EQUIPMENT NEED MAINTENANCE, ADJUSTMENT, OR CLEANING?

Except for CIMR® 2000, no other unit has a filter. The cleaning of the filter in this specific unit is easy, and the user/owner will be notified in advance when it needs to be cleaned by the digital display on the face of the unit. A signal will appear on the control panel. The quality of the indoor air space and the level of pollution will determine how often this unit's filter will have to be changed. It could be monthly or quarterly. The air quality will determine the frequency.

HOW LONG IS THE CIMR® EQUIPMENT EFFECTIVE AND HOW CAN THE USER TRACK EFFICIENCY?

Building owners/managers enrolled in our Environmental Quality Improvement Program (EQulP) will determine all of the above. The various components of this program include:

1. Testing the current indoor air and surface quality to establish a baseline before installing any CIMR® Equipment.
2. Following up with a comprehensive site survey and inspection once pre-testing is complete and the results are available.
3. Recommending the appropriate CIMR® Equipment that will ensure environmental quality is maintained.
4. Installing and connecting CIMR® Equipment to the existing commercial/industrial HVAC control system/s, and implementing automation of the Equipment to continually maximize safety and protect the air quality and improve surfaces where pathogens might settle. This integration is critical to ensure proper Equipment performance and proactively manage potential issues.
5. Conduct immediate post-testing after the Equipment installation and automation are complete to establish the new and improved quality baseline.
6. Monitoring the indoor shared air spaces and maintaining the air quality and surface standards 24/7.
7. Conducting quarterly air and surface quality tests. This data will be the property of the participating building owners/managers enrolled in the CIMR® Program (EQulP) to confirm the environment's quality should any potential challenges arise.

- CIMR® provides world-class, accredited, certified, registered, new generation technology, equipment, customer service, and continuous updates as technology advances.
- CIMR® issues a six-year warranty on all equipment and automation in a commercial application.
- CIMR® uses unbiased independent third-party licensed, and reputable air and surface quality testing companies to perform pre-, post-, and ongoing testing.
- CIMR® offers a long-term solution that diminishes liability from COVID-19 and any dangerous new viruses or other pathogens introduced into our atmosphere, shared indoor space, or on surfaces where they might settle.
- CIMR® ensures healthier, safer working, and living indoor environments through the premium "Gold-Standard"

Environmental Quality Improvement Program (EQulP).

The above applies to the D.W. series of CIMR® Equipment and not the stand-alone units.

WHO IS CURRENTLY USING CIMR® TECHNOLOGY?

Multiple Government Departments, the United States Defense and Air Force, Federal and State Entities. CIMR® Technology is used in current air sanitizing solutions and was inducted into the 2017 Space Technology Hall of Fame. The Space Foundation Program focuses on increasing the exposure and encouraging innovation of NASA-adapted technologies. CIMR® Technology is the only air cleaning technology awarded the certified space technology seal of approval.

CIMR® Technology was developed with a Texas University and the U.S. Army Corps of Engineers to serve as a protective shield for buildings, personnel, and clients with over 10,000 installations, including the military, worldwide in use. CIMR® Technology proved to be the safest and effective bioterrorism and epidemic control system available on the planet, and space travel, for more than ten years. CIMR® Technology is endorsed by the former Air Force Surgeon General, PK Carlton. He said the following about the potential impact it could make on the COVID-19 pandemic: ***“This multi-layered approach is a long-term solution in the fight against the spread of COVID-19. Treating the air with DHP gas destroys unwanted pathogens and provides a safe, clean environment for all living organisms.”***

DO FACE MASKS/SHIELDS AND SOCIAL DISTANCING NEED TO BE ENFORCED WHEN CIMR® EQUIPMENT IS IN USE?

The US Air Force and the University of Auburn study recommend a multi-layered air protection and mitigation strategy based on a hierarchy of controls. Face masks/shields and social distancing are part of that strategy but are not as effective as CIMR® Technology. People are advised to follow local ordinances and applicable laws on social distancing and mask wear. CIMR® technology eliminates the hazard, which is the most effective form of control.

CIMR® Technology is "Continuous Infectious Microbial Reduction." Our Technology actively destroys viruses such as COVID-19, bacteria, germs, mold, and other microbial threats 99.999%. Elimination (interruption of transmission): reduction to zero incidences of infection caused by a specifically established pathogen in a defined geographical area resulting from deliberate efforts and continued actions to prevent re-establishment and transmission. Zero transfers occurred where CIMR® Equipment is installed.

IF A PERSON HAS COPD OR A RESPIRATORY ISSUE, WILL THIS AFFECT THEM, WILL IT HAVE A NEGATIVE EFFECT ON PEOPLE WHO USE OXYGEN TANKS, AND ARE THERE ANY FORM OF EMISSIONS?

CIMR® Technology will not affect anyone who suffers from COPD (Chronic Obstructive Pulmonary Disease) or any respiratory issues. The Equipment releases 0.02 parts per million (ppm) of DHP gas. This is just one-fiftieth of the required amount throughout a standard workday by OSHA. The DHP gas concentration is also self-controlling, as confirmed in Dr. Marsden's tests at Kansas State University (KSU).

SYNOPSIS

CIMR® Technology and Equipment provide 24-hour protection, which will reduce the spread of viruses, germs, pollen, and mold allowing all occupants, visitors, patients, workers, clients, and families the opportunity to live and work in a pleasant, safe and healthy indoor environment. CIMR® technology benefits provides:

- **Stabilization** - Rapid Response by Attacking Organic Viruses, Bacteria & Mold (Ex. Lamar University & Spindletop Museum) after catastrophic events
- **Sanitization** - Purifying and Eliminating Contaminants without Major Demolition
- **Prevention** - Prevents the Re-establishment of Mold, Bacteria & Viruses - 24-hour protection.

CIMR® Technology is odorless and eco-friendly and protects shared indoor air space against disease transferences and other airborne threats. As part of a clean air defense solution, CIMR® Pathogen Scavenging Technology continuously and safely protects against viruses, bacteria, mold, and other pathogens to reduce the risk of disease transference by protecting all occupants in safe and sanitized air.

END