

## **Lightening in a Bottle**

CIMR® Technology employs breakthrough technology to make shared spaces safe using Mother Nature's sanitizer. Lightening, sun, and water combine to produce the gaseous hydrogen peroxide that cleans air after a thunderstorm. The CIMR® Tech patented process substitutes ultraviolet light for the sun and a catalytic converter for the lightening. The sanitizer made from water and air is the same. Our system maintains Mother Nature's air cleaning dosage of 0.02 ppm. The result is 24/7/365 deactivation of COVID-19, flu virus, pathogens, mold, fungi, odors, and allergens in shared air and on and surfaces.

Cartoons and White

## **Animation and White Papers**

The animation on this page introduces CIMR® Technology. The proof of concept is in its second decade having been found effective by myriad Army, Air Force, and government applications. Click on the Proofs in the pull-down menu for their reports. Use our Contact tab to learn how you can make your shared spaces safe whether it be inside your vehicle or at your stadium.

## **Details**

Find a full list of CIMR® Technology Features and Benefits on the next page.



**CHALLENGE:** Transference of COVID-19 within a Building or Confined Space.

**ANSWER:** CIMR® is a unique and proprietary technology product line proven to deactivate and eliminate Virus, Bacteria, Mold, and other Pathogens in a manner that is safe for humans, animals, and plants.

- The CIMR military grade system produces ultra-low levels (.02 parts per million (ppm), 1/50 of EPA and OSHA limits for long term human exposure) of charged compounds of safe, self-regulating hydrogen peroxide from the oxygen and water already in the air. It is created utilizing an air infusion catalytic process safely infusing the ambient air we breathe without creating ozone or any harmful side effects, unlike any other systems.
- CIMR is self-regulating and cannot buildup beyond ~.03 ppm and will not ever create dangerous levels of hydrogen peroxide. When the CIMR H<sub>2</sub>O<sub>2</sub> particles get close to each other they are self-consumed, reverting into atmospheric air and water.
- CIMR produced hydrogen peroxide is not insulated by water vapor and/or encased in water, thereby allowing for the hydrogen peroxide to reach and maintain an equilibrium concentration, despite constant production by CIMR. No other system is self-regulating.
- CIMR utilizes proprietary methods, materials and components that are not otherwise available to other companies to produce a unique and very small unbound hydrogen peroxide particle.
- The CIMR cell that produces the self-regulating Hydrogen Peroxide was designed and improved over the last 15 years by Alton Holt and is produced solely in manufacturing facilities in the US.
- CIMR's Technologies, methods, treatment designs, and materials are not available other than through Hi-Tech. We do not sell, license, or otherwise provide this technology to any third party.
- CIMR meets or exceeds the standards by the United States Department of Labor, Occupational Safety and Health Administration as safe to use for human occupancy.
- CIMR is ozone free and has been evaluated by the California Air Resources Board (CARB) who has certified that CIMR produces no ozone even on CIMR's largest units.
- CIMR is the only air purification technology that produces self-regulating .02 ppm of hydrogen peroxide while producing zero ozone.
- CIMR® has shown to reduce ozone concentrations in incoming air thus creating a safer environment for occupants of indoor spaces.
- All CIMR systems are made and assembled in the US.
- The CIMR process is effective against pathogens, (including SARS-CoV-2 the cause of COVID 19), both in the air and on surfaces because the hydrogen peroxide particles have both localized positive and negative charges; they are drawn to viruses and bacteria by magnetic attraction. The process accelerates the deactivation and elimination of the virus and pathogens. CIMR diffuses everywhere that air travels, disinfecting pathogens in places that other technologies cannot even reach.
- The CIMR, unlike any other technology, produces a hydrogen peroxide without a water surrounding the particle, which would insulate the hydrogen peroxide and prevent it from being drawn to the pathogens by magnetic attraction. CIMR has overcome these issues, whereas other systems have been unable to do so.
- CIMR is designed to operate in all types of indoor and outdoor environments including low and high humidity without disruption (24/7/365).
- CIMR is odorless and can also be safely and effectively deployed in a wide range of buildings, schools, offices, daycare facilities, homes, hospitals, family law centers, churches, temporary shelters, tents, entertainment venues, and many occupied environments.
- CIMR units carry a three-year warranty. The CIMR cell carries a one-year warranty.
- CIMR required no consumable inputs, creating hydrogen peroxide from elements already in the air.
- CIMR is available in a range of free-standing portable units and units that are integrated into the HVAC system.

**ACTION:** <https://www.greensafeworldwide.com/> videos, industry papers and a decade plus of user reports from military, government, industrial and home users.