



## OZONE INFUSED WATER

### SAFETY WITHOUT CHEMICAL COSTS

- 99.99% kill rate
- Steri-BLAST produces Ozone at 400mg/h. As this is a continuous process, the Ozone Infused water will remain at full strength during spraying.
- Ozone Infused Water is safe as gaseous ozone has an exceptionally high dissolution rate in water. This is highly advantageous as spraying can be done in the presence of people WITHOUT having to evacuate areas.
- OSHA Compliance. The degree of ozone emitted from the water spray is below OSHA's safety compliance requirements.
- The Ozone spray will deactivate pathogens in 10 to 15 seconds.
- Ozone Infused water lasts for 30 to 40 seconds

### ADVANTAGES

- Large open area that cannot be isolated such as open reception areas in hospitals can be sprayed.
- Toilets, which are renowned breeding grounds for pathogens, can be sprayed daily or even twice daily.
- The convenience that Steri-BLAST provides by not having to undertake planned evacuation procedures is paramount.
- Communal dining rooms and kitchen can be sprayed before and after meal servings.
- Operating theaters can be sprayed before and after procedures to eliminate cross-contamination.
- Patient wards can be disinfected during occupancy.
- Pathogen inactivation is achieved through the process of oxidation. Ozone has by far the highest oxidation potential.
- All Steri-BLASTS components are battery powered to provide unrestricted portability.
- OZONE IS FREE – Take advantage of the tremendous saving by not having to continually buy chemical disinfectants.
- ELIMINATE CHEMICAL RESIDUE - The EPA (U.S. Environmental Protection Agency) are closely monitoring chlorine's carcinogenic by-products, such as trihalomethanes or dioxins that are produced when chlorine reacts with the organic matter found in water.
- OZONE is the most powerful broad-spectrum microbiological control agent available.

### DUAL SPRAYING OPTION

The top section of the sprayer can be placed on its 2 gallon tank to achieve unlimited portability to spray in inaccessible areas with this hand-held option.

### COMPARITIVE OXIDATION POTENTIAL

Ozone, (O <sub>3</sub> )	2.07
Hydrogen Peroxide, (H <sub>2</sub> O <sub>2</sub> )	1.78
Potassium Permanganate, (KMnO <sub>4</sub> )	1.7
Chlorine Dioxide, (ClO <sub>2</sub> )	1.57
Chlorine gas, (Cl <sub>2</sub> )	1.36

### OZONE ADVANTAGES

Produced on site. Eliminates chemical usage.

Clean and environment friendly, its only by-product is oxygen.

The Lethality Coefficient of Ozone compared to Chlorine is 500:20 for Enteric Bacteria. This means that Ozone is 25 times more powerful.