

# SIREN

[Watch Informative Video](#)

## APPLICATIONS

Siren is designed to be a permanently mounted unit, specifically for EMS, Fire, and Rescue Vehicle applications. Siren renders bacteria, viruses, mold, mildew, and other contaminants in the air, and on all surfaces, effectively harmless on a continuous basis. Treatment from Siren also eliminates odors to create a cleaner, safer work environment for emergency services personnel and their patients.

## ABOUT THE TECHNOLOGY

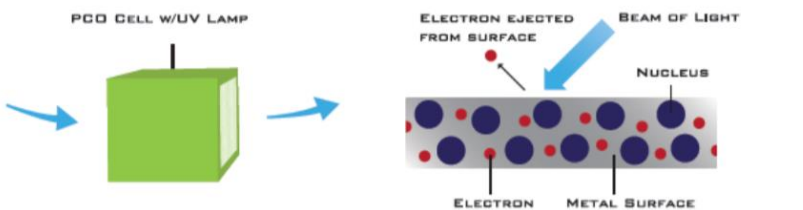
Siren utilizes photo-catalytic oxidation technology that generates advanced oxidation products (AOP's) primarily consisting of hydro-peroxides, or vaporized hydrogen peroxide. Photo catalytic oxidation technology replicates nature's purifying process through the use of ultraviolet energy to activate a multi-metal catalyst, converting water vapor into oxidizers including peroxide and hydroxyls. These oxidants will either inactivate the microbe by the process of cell lysing, which compromises the cellular integrity by oxidation penetrating the cell wall, or by changing the molecular structure rendering the contaminant harmless.

## SPECIFICATIONS:

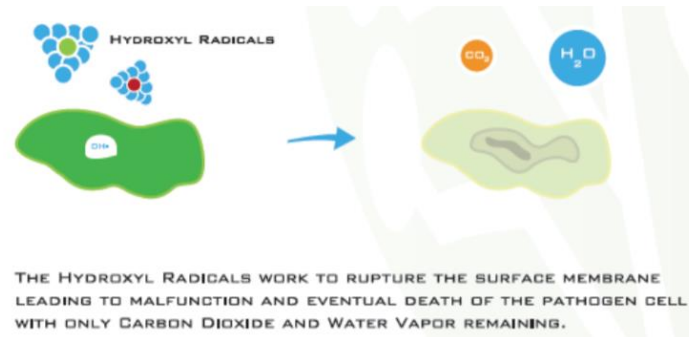
- Electrical: 12V DC .07A
- Dimensions:
  - Flush Mounted 16"L x 9.5"W x 2.5"D
  - Surface Mounted 14"L x 7.5"W x 2.5"D

## WARRANTY:

2 Year Limited Warranty



THE ELECTRONS TRANSFERRED COMBINE WITH AIR(O<sub>2</sub>) AND WATER(H<sub>2</sub>O) (SUPPLIED BY THE MOISTURE FROM THE PCD CELL'S HYDROPHILIC COATING) TO FORM POSITIVELY AND NEGATIVELY CHARGED CLUSTER IONS (HYDROXYL RADICALS).



THE HYDROXYL RADICALS WORK TO RUPTURE THE SURFACE MEMBRANE LEADING TO MALFUNCTION AND EVENTUAL DEATH OF THE PATHOGEN CELL WITH ONLY CARBON DIOXIDE AND WATER VAPOR REMAINING.

For further information:



**InspiredTEC, LLC**  
Technologies for Environmental Conditioning