

“The Air in Nature is Clean Due to the Ions Generated from the Sun and Soil”

#### Ions In Nature

The air in nature is clean due to the ions generated from the sun and soil.



50,000 ions/cm<sup>3</sup>  
Sea



2,000 ions/cm<sup>3</sup>  
Rural Area



15,000 ions/cm<sup>3</sup>  
Mountain or forest



500 ions/cm<sup>3</sup>  
Urban Area



5,000 ions/cm<sup>3</sup>  
Beach



>100 ions/cm<sup>3</sup>  
Indoor, Closed Area



EAGLE X PRO

Headquarters:  
Las Vegas, NV

Offices:  
Nashville, Israel



[eaglexpro.com](http://eaglexpro.com)



[office@eaglexpro.com](mailto:office@eaglexpro.com)



833.324.5397

STERIONIZER™

by



EXP  
EAGLE X PRO



The STERIONIZER™ is a unique and environmentally friendly green space air disinfectant patented technology, specifically developed to bring the health and quality of nature's air to the indoors.

**The Problem:** We spend more than 90% of our lives indoors- whether it is at home, in the office, at school, in a shopping mall or while doing our daily activities. The air you breathe indoors is filled with airborne viruses, allergens, bacteria, germs, molds and other harmful, toxic particles that pollute the air making you tired, less productive, and risks your health.

**The Solution:** The STERIONIZER™ generates a large density of + and - charged oxygen ions. These ions are very chemically active and when they attack molecules of water that are present in the air- there are two types of molecules formed: OH- and H2O2. With the help of an airflow system, these oxygen ionized hydrogen peroxides (H2O2) travel evenly through indoor space, discharging and eliminating pollutants and rendering particles harmless.



## Product Approval

The STERIONIZER has undergone many rigorous laboratory tests and has been approved by the most stringent regulatory bodies in the US, Israel and Europe.



Creates 0.001 pm Ozone level  
Very safe, no ozone production from device.  
Compliant with the American standard for ozone generation

## Actively Seeks & Destroys All Pathogens

The STERIONIZER™ Neutralizes and Eliminates:



Viruses



Bacteria



Mold Spores



Fungus



Pollen



Animal Dander

Which Can Cause



Infection



Allergies



Asthma



Flu



Fever



Odor & Mildew

## Science Behind Technology



The STERIONIZER uses a discharge system to generate oxygen molecules O2+ and O2-.



These molecules have high chemical activity and when reacting with water molecule, H2O in the air, H2O2, is formed.



Hydrogen Peroxide, H2O2, together with water molecules cluster around harmful particles



A chemical reaction occurs, and oxidants break down the protein structure of pollutants, rendering them harmless.

## Benefits & Advantages



24/7 Self-Cleaning System  
(No maintenance)



Creates high density of ions. 10 Billion-1 Trillion ions per cc/sec. Up to 30,000 positive and 30,000 negative ions per cm3



Undetectable, Zero Ozone (<0.001 PPM)



Reduces Odor



Reduces Allergies



Reduces and eliminates Viruses, Bacteria, Mold Spores, Fungi, Dander



Health benefits confirmed by leading international research institutions



Extends shelf life of produce



Fully tested and certified



Reduces HVAC system energy consumption by up to 30%



Easy/ Fast installation to HVAC system



Universal voltage (110v or other or as low as 24v)



Safe and environmentally friendly



Discharges static electricity and prevents electrostatic build-up



The Sterionizer reduces VOCs

## Product Application

- Education Institutions**  
Schools and Universities
- Accommodations (Hospitality)**  
• Hotels  
• Casinos  
• Restaurants  
• Resorts
- Office Buildings**
- Residential**
- Hospitals**
- Senior Living**
- Agriculture**  
• Indoor  
• Agriculture/Farming  
• Cannabis
- Transportation**  
• Bus Stations  
• Train Stations  
• Cars/Trucks/SUV's  
• Police Cars
- Fitness**
- Stadiums/Sports**

# STERIONIZER™

The **STERIONIZER™** is a unique and environmentally friendly green space air disinfectant patented technology, specifically developed to bring the health and quality of nature's air to the indoors.

## The Problem

# 90%

We spend more than 90% of our lives indoors- whether it is at home, in the office, at school, in a shopping mall or while doing our daily activities. The air you breathe indoors is filled with airborne viruses, allergens, bacteria, germs, molds and other harmful, toxic particles that pollute the air making you tired, less productive, and risks your health.

## The Solution



The **STERIONIZER™** generates a large density of negatively and positively charged oxygen ions. These atoms are very chemically active and when they attack molecules of water that are present in the air- there are two types of molecules formed: OH- and H2O2. With the help of an airflow system, these oxygen ionized hydro-peroxides (H2O2) travel evenly through indoor space, discharging and eliminating pollutants and rendering particles harmless.


## Proven Technology


# 99%


The **STERIONIZER™** was tested in labs across the globe and was found effective.


Effective in neutralizing Coronavirus (Virus)  
Effective in neutralizing Influenza (H1N1 & H5N1) (Virus)  
Effective in neutralizing Escherichia coli (Bacteria)  
Effective in neutralizing MRSA (Bacteria)  
Effective in neutralizing Aspergillus (Fungus)  
Effective in neutralizing Cladosporium Cladosporioides (Mold)

## Why Is Our Technology Better?


 Proven to be effective in killing 99% of harmful products


 10 billion to 1 trillion ions per second!

 Non-detectable levels of ozone- <0.001 ppm

 Easy to install

 24/7 Self Cleaning System

 Increases HVAC efficiency by up to 30%

 **Density Matters**  
The **STERIONIZER™** creates the largest amount of positive and negative ions compared to competitors

CE

CA US

SP

IEC

FC

UL



# STERIONIZER™

## Products description

The **STERIONIZER™** is a patented green space air disinfectant technology that creates the outdoor environment indoors.

Produces a **high-density** output of negatively and positively charged ions.

D5 ion output **>10 Billion ions per cc/ sec**

D5i ion output **>10 Billion ions per cc/sec**

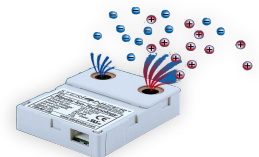
D6i ion output **>50 Billion ions per cc/sec**

D6 ion output **>100 Billion ions per cc/sec**

D6Max ion output **≤ 1 Trillion ions per cc/sec**

The **STERIONIZER™** system acts as an **“Iron Dome”** against pollutants to neutralize and eliminate the risk of viruses including **SARS-COV-2 (COVID-19)**, bacteria, mold spores, and fungus (3rd party testing).

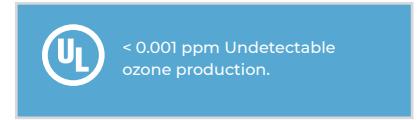
The **STERIONIZER™** is a **self-cleaning**, ionization system designed to handle up to 10,000 CFM per unit. The unit is designed for multiple mounting options including air ducts and fans.



## Best in the market

**1 Billion to 1 Trillion ions per cc/sec versus 300-500 Million ions per cc/sec from top competitors.**

## Certifications



## Specifications

D5 Series	
Ion output	>1 Billion ions per cc/sec
Ozone	<0.001 ppm
Certifications	UL, CE, cUL, IEC, FCC, CSA
Input Voltage	12 to 240VAC
Airflow	Up to 3000 CFM
Temperature	Temp. +60-60°F
Cleaning	Self-cleaning
Dimensions	L:1.97 W:1.57 H: 0.47

D6 Series	
Ion output	>1-100 Trillion ions per cc/sec
Ozone	<0.001 ppm
Certifications	UL, CE, cUL, IEC, FCC, CSA
Input Voltage	24 to 240VAC
Airflow	6000 CFM
Temperature	Temp. +60-60°F
Cleaning	Self-cleaning
Dimensions	L:4.21 W:3.5 H: 0.96



# STERIONIZER™

## 3rd Party testing

Substance	Substance Name	Testing Organization	Removal	Year
Bacteria	Escherichia Coli	EMSL Analytical, USA	99%	2011
	Escherichia Coli ATCC	Istanbul University, Turkey	91%	2011
	Staphylococcus aureus	EMSL Analytical, USA	81%	2011
	Pseudomonas aeruginosa	Istanbul University, Turkey	99%	2011
	Staphylococcus aureus (MRSA)	EMSL Analytical, USA	99%	2013
Fungus	Aspergillus Niger	EMSL Analytical, USA	97%	2011
	Candida albicans	EMSL Analytical, USA	36%	2011
	Dichobotrys abundans	Prof. Joe F. Boatman, USA	90%	2006
	Penicillium	Prof. Joe F. Boatman, USA	95%	2006
Mold	Cladosporium cladosporioides	EMSL Analytical, USA	97%	2011
Spores	Bacillus subtilis var niger	Istanbul University, Turkey	89%	2011
Viruses	Influenza H1N1	Kitasato Research Center, Japan	99%	2011
	<b>SARS-COV-2</b>	<b>University of Patras, Greece</b>	<b>99%</b>	<b>2020</b>

## BENEFITS & ADVANTAGES



24/7 Self-Cleaning System (No maintenance)



Creates high density of Ions. 10 billion-1 trillion ions per cc/second.



Zero, undetectable, Ozone - <0.001



Neutralizes and Eliminates VOC's



Neutralizes and Eliminates Odor



Neutralizes and Eliminates Allergies



Neutralizes and Eliminates Viruses, Bacteria, Mold Spores, Fungi, Dander



Discharges static electricity and prevents electrostatic build-up



Health benefits confirmed by leading international research institutions



Extends shelf life of produce



Fully tested and certified



Passed all safety evaluation testing  
No skin irritancy  
No eye irritancy  
No genotoxicity



Increases HVAC efficiency by up to 30%



Easy and fast installation



Universal voltage



Safe and environmentally friendly