



**PRO**

**EAGLE**



**Eagle X Pro**

Harnesses an Israeli patented BPI technology to neutralize airborne pollutants and improve indoor air quality.

**Started Development in 2002**

Began testing the effectiveness of BPI Technology on improving indoor air quality.

**Headquarters**

are located in Las Vegas, Nevada, USA.

**100,000+**

BPI units installed to date.

# Emulating Nature's Process to Improve Indoor Air Quality

Densely concentrated Oxygen ions improve indoor air quality! Just how many ions are found in nature?



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

**15,000 ions/cm<sup>3</sup>**

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

**2,000 ions/cm<sup>3</sup>**

**500 ions/cm<sup>3</sup>**

**>100 ions/cm<sup>3</sup>**

Seas and Bodies of Water

Mountains and Forest

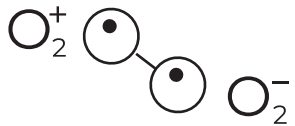
Beaches and Shores

Rural Areas

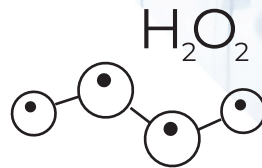
Urban Environments

Indoor and Closed Areas

## Science Behind EXP Technology



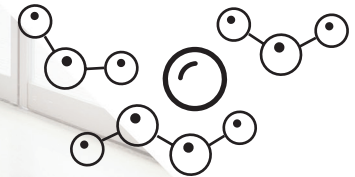
EXP Technology uses a corona discharge system to generate Oxygen ions  $O_2^+$  and  $O_2^-$  at a high density.



These  $O_2^+$  and  $O_2^-$  ions have high chemical activity and when reacting with water ( $H_2O$ ) molecules in the air, hydroperoxide  $H_2O_2$  is formed.

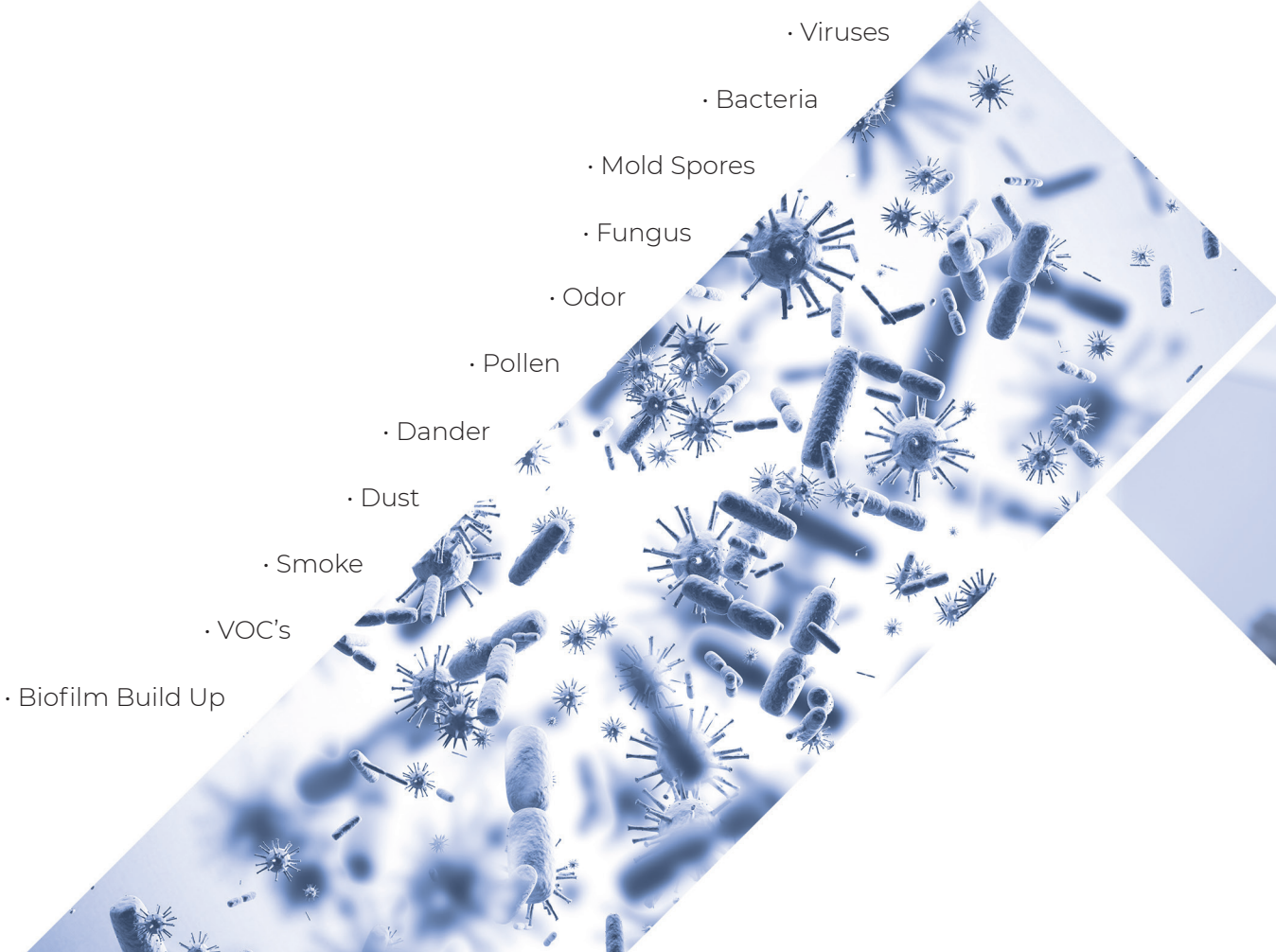


Once airborne, these hydroperoxides ( $H_2O_2$ ) then cluster around harmful pollutants.



A chemical reaction occurs and hydroperoxides ( $H_2O_2$ ) break down the protein structure of the pollutants, rendering them harmless.

# Neutralize Pollutants and Improve Indoor Air Quality





## Benefits & Advantages

- ✓ High Density of Ions (10 Billion to 1 Trillion ions per second).
- ✓ Undetectable Levels of Ozone.
- ✓ Increases HVAC Efficiency by up to 30%.
- ✓ Self-Cleaning Units.
- ✓ Extends Shelf Life of Produce.
- ✓ Easy and Fast Installation.
- ✓ Neutralizes bacteria, odor, allergies, dander, smoke, fungus and viruses (SARS-COV-2).
- ✓ Fully tested and certified.

## Proven Technology

Substance	Substance Name	Testing Organization	Removal
Bacteria	Escherichia Coli	EMSL Analytical, USA	99%
	Escherichia Coli ATCC	Istanbul University, Turkey	91%
	Staphylococcus Aureus	EMSL Analytical, USA	91%
	Pseudomonas Aeruginosa	Istanbul University, Turkey	99%
	Staphylococcus Aureus (MRSA)	EMSL Analytical, USA	99%
Fungus	Aspergillus Niger	EMSL Analytical, USA	97%
	Dichobotrys Abundans	Prof. Joe F. Boatman, USA	90%
	Penicillium	Prof. Joe F. Boatman, USA	95%
Mold	Cladosporium Cladosporioides	EMSL Analytical	97%
Spores	Bacillus Subtilis Var Niger	Istanbul University, Turkey	89%
Viruses	Influenza H1N1	Kitasato Research Center, Japan	99%
	Influenza H5N1	Kitasato University, Thailand	99%
	SARS-COV-2 (COVID-19)	University of Patras, Greece	99%
	SARS-COV-2 (COVID-19)	Innovative BioAnalysis, USA	99.998%

## D5 Series

### D5 FAN

- Designed for protection in small spaces and mobile applications.
- UL 867 Approved.
- Up to 500 CFM Ion Output.
- 10 Billion per second.
- Universal Voltage.







## D5 Series

### D5i-M

- Designed for easy installation in HVAC systems for commercial and residential applications.
- UL 867 Approved.
- CFM Range, 1,000 to 2,400.
- Ion Output 10 Billion per second.

## D6 Duct Mount Series

Duct Mounted model is designed for installation in HVAC systems for commercial and residential applications.


- 24/7 Self Cleaning.
- UL 867 approved.
- UL 2998 approved.
- **CFM Range:**
  - 2,400 to 3,600 (D6C)
  - 3,600 to 5,200 (D6i)
  - 5,200 to 6,800 (D6)
  - 6,800 to 10,000 (D6Max).
- **Ion Output:**
  - D6C - 20 Billion per second
  - D6I - 50 Billion per second
  - D6 - 100 Billion per second
  - D6MAX – 1 Trillion per second.



# Product Approval

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



 UL 867 and UL 2998 Approved.  
Safe, undetectable technology.  
Compliant with the American standard for ozone generation.



**EAGLE X PRO**

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