MONITAIR

IonAir EC1500 Series

The IonAir EC1500 is the world's most powerful bipolar ionization device. Based on patented bipolar ionization technology, the EC1500 is specifically developed to bring the health and quality of nature's air to indoor environments.

Proven to remove **99.9%** of Coronavirus

The World's Most Powerful Bipolar Ionization Device

Ion Output

World leading 10^{10} Ions per second.

Inactivate Pollutants

Inactivates air-borne pollutants: viruses, bacteria, fungus, mold, odor.

Quick Installation

Easily Integrated onto any AC vent with a 5-minute installation.

No By-products

No harmful by-products like UV-C or spray treatments.

TECH SPECS

Ion Output	10^{10} Ions/second
Area Coverage	$35m^2$
Power	5V
Operating Temperature	+5°C (+41°F) to +55°C (+131°F)
Dimensions	86mm * 60mm
Air Flow (Recommended)	1m/second minimum, Laminar

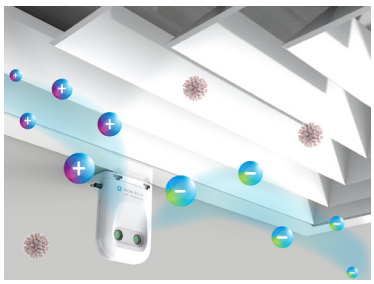
Monitair
www.monitair-solutions.com info@monitair-solutions.com
Global Offices | Tel-Aviv, Israel | Hong Kong, China | Silicon Valley, United States | London, United Kingdom

Bipolar Ionization is Proven to **Remove Harmful Pollutants** Indoors

- Viruses
- Bacteria
- Cigarette Smoke
- Formaldehyde
- Odors
- Mold
- Fine particulate Matter smaller than 0.3 micron
- Volatile organic compounds

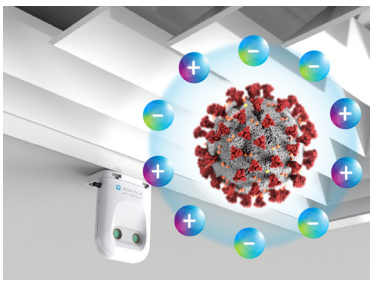
How It Works

1 Ions Generated



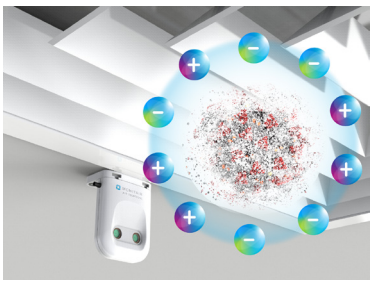
The EC1500 uses a powerful needlepoint corona discharge system to generate oxygen molecules O2+ and O2-.

2 Cluster Formed



Hydrogen Peroxide H_2O_2 together with OH radicals cluster around harmful pollutants.

3 Structure Broken



H_2O_2 and OH radicals break down the protein structure and render them harmless.

Global Lab Testing

Harmful Substance	Substance Name	Testing Organization	Removal	Year
Virus	Coronavirus	Sheba Medical Centre, Israel	99%	2020
	Influenza H1N1	Kitasato Research Center, Japan	99%	2011
	Escherichia Coli ATCC	Kasetsart University, Thailand	91%	2011
Bacteria	Escherichia Coli	EMSL Analytical, USA	99%	2011
	Escherichia Coli ATCC	Istanbul University, Turkey	91%	2011
	Staphylococcus aureus(MRSA)	EMSL Analytical, USA	99%	2013
Fungus	Aspergillus Niger	EMSL Analytical, USA	97%	2011
	Dichobotrys abundans	Prof. Joe F. Boatman, USA	90%	2006
	Penicillium	Prof. Joe F. Boatman, USA	95%	2011
Mold	Cladosporium Cladosporioides	EMSL Analytical, USA	97%	2011
Spore	Bacillus subtilis var niger	Istanbul University, Turkey 2011	89%	2011

Monitair
www.monitair-solutions.com info@monitair-solutions.com
Global Offices | Tel-Aviv, Israel | Hong Kong, China | Silicon Valley, United States | London, United Kingdom