

ION WAREHOUSE UNIT

AIRBORNE AIR & SURFACE PURIFICATION SYSTEM



**SCIENTIFICALLY
PROVEN TO
NEUTRALIZE
SARS-CoV-2
(COVID-19)**

BiPolar Ionization

- ✓ Neutralizes SARS-CoV-2 (COVID-19).
- ✓ Neutralizes Surface Pathogens.
- ✓ Destroys Airborne Pathogens.
- ✓ Sterilizes Mold and Bacteria.
- ✓ Removes Odors.
- ✓ Increases Air Quality.
- ✓ Reduces Static Electricity.
- ✓ Reduces Dust, Pollen and Smoke.
- ✓ Neutralizes Common Industrial Gases.
- ✓ Does Not Produce Ozone.



Part Number **ACA90WU-1**

The ION WAREHOUSE UNIT produces up to 10 Billion Positive and Negative Ions delivered by a powerful 4 blade 42,000 CFM fan while maintaining a <12.0 EVP (electron volt potential). This unit produces no ozone while killing up to 99.7% of both airborne and surface pathogens. The ACA ION WAREHOUSE UNIT operates with 220 volts and comes with an elevated 2 wheel movable stand for easy placement.



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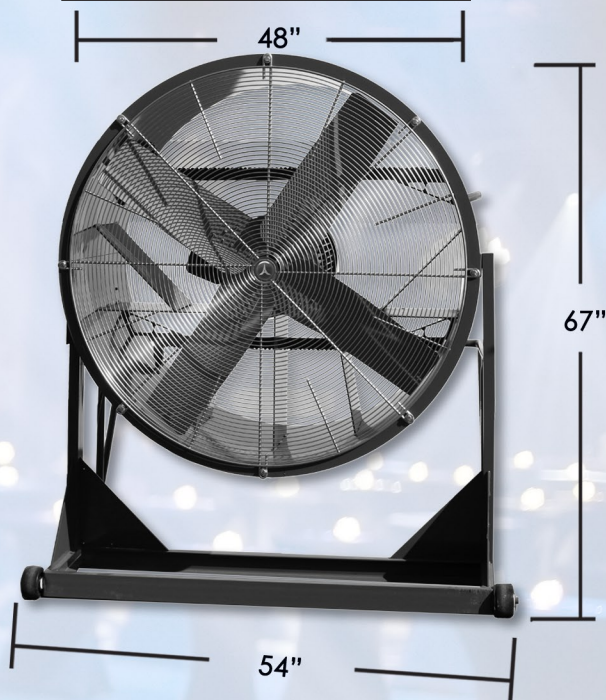
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Page:	1 of 4

ION WAREHOUSE UNIT

RECOMMENDED USAGE



SPECIFICATIONS



This ultra-safe WAREHOUSE UNIT uses our patented NPBI™ Ionization technology to purify air and decontaminate surfaces without the use of chemicals. Our system is scientifically proven to work by flooding +/- charged ions into your enclosed space (warehouse, theater, hanger) while producing no ozone. This process not only neutralizes and stops the spread of up to 99.7% of airborne and surface pathogens including SARS-CoV-2 (COVID-19), it also removes odors, dust, pollen, sterilizes mold neutralizes gases, Staph and other bacteria.

Electron Volt Potential: <12
 Output: Up to 10 Billion positive (H+) and negative (O2-) ions/cc/second.
 Pressure Drop: 0.05"W.C. @5,000 FPM
 Electrode Material: Carbon Fiber
 Temperature Range: -65°C to +85°C
 Humidity Range: 1%-99% Non-Condensing

220 VOLT	3 PHASE
10 HP MOTOR	14.4 AMP BLOWER
1 SPEED	1140 RPM
884 POUNDS	42,000 CFM
4 BLADE FAN	DIRECT DRIVE
FREE STANDING	NON OSCILLATING



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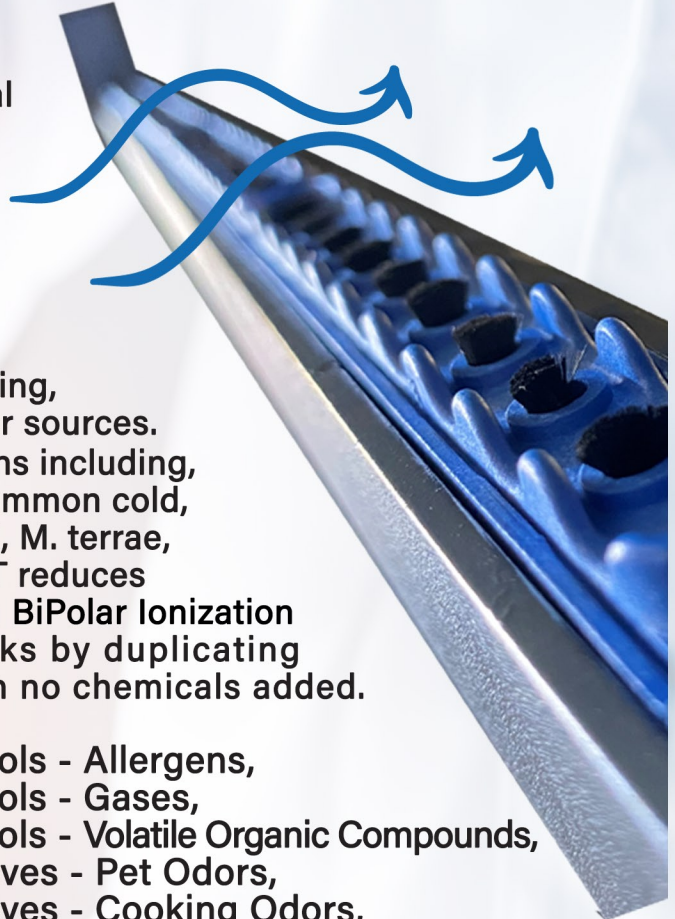
The ION WAREHOUSE UNIT uses our patented NPBI™ Ionization technology to provide clean air and sanitized surfaces in enclosed environments.

The 4 blade 42,000 CFM fan pulls air across 2 - 36" Needlepoint Bipolar Ionization strips distributing up to 10B ionized particles over several thousand cubic feet. This is a proven system that neutralizes pathogens in the air and on surfaces while removing existing odors and allergens.

The ION WAREHOUSE UNIT is effective wherever the ionized air reaches. The unit removes all pathogens, odors, as well as other VOCs generated by cooking, cleaning, stagnant air, cigarette/cigar smoke and many other sources. The ION WAREHOUSE UNIT neutralizes pathogens including, but not limited to, SARS-CoV-2 (COVID-19), the common cold, flu of all types and variations, MRSA, C. diff, E. coli, M. terrae, pneumonia and polio. The ION WAREHOUSE UNIT reduces static electricity. The ION WAREHOUSE UNIT with BiPolar Ionization technology is environmentally friendly and works by duplicating and accelerating nature's cleaning process, with no chemicals added.

Neutralizes - SARS-CoV-2 (COVID-19),
Neutralizes - Airborne and Surface Viruses,
Neutralizes - Bird Flu Virus (H5N1),
Neutralizes - Swine Flu Virus (H1N1),
Neutralizes - SARS Virus,
Neutralizes - Staph Bacteria,
Neutralizes - Aspergillus Fumigatus,
Neutralizes - Cocci. Imitus,
Neutralizes - Mold Spores,
Neutralizes - MRSA,
Neutralizes - E.coli,
Neutralizes - Tuberculosis,
Neutralizes - Clostridium difficile,
Neutralizes - Influenza A,
Neutralizes - Influenza B,
Neutralizes - Rhino Virus,
Neutralizes - Equine Encephalytus,
Neutralizes - Equine Herpes and more...

Controls - Allergens,
Controls - Gases,
Controls - Volatile Organic Compounds,
Removes - Pet Odors,
Removes - Cooking Odors,
Removes - Cigar and Cigarette Smoke,
Removes - Moisture Odors,
Neutralizes - Static Electricity,
Produces No Ozone.



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How it works:

The ION WAREHOUSE UNIT is not a filter. The ION WAREHOUSE UNIT electronically creates positive and negative ions from Hydrogen and Oxygen molecules in the water vapor present in the air. This replicates nature's cleaning process with nothing else added. These ions have the property of clustering around micro particles, gases, airborne mold spores, viruses and bacteria. As this occurs, a natural reaction takes place on the cell membrane surface of airborne biological(s) where they rob the harmful biological of a hydrogen atom. As a result, the pathogens are inactivated and odors are disassembled naturally. The pathogen will not be able to reproduce and will quickly die and the odors are converted to virtually pure air thereby eliminating the threat of the pathogens and odors to human health and comfort.

Airborne and Surface Fungi:

The positive (H+) and negative (O²⁻) ions cluster together on the surface of airborne fungi, causing a natural reaction that results in the creation of OH groups called hydroxyls. The hydroxyls take a hydrogen molecule from the cell wall of an airborne fungi particle. This inhibits the growth and or infestation of mold and in turn [as a by benefit] controls the musty odors related to mold growth (sour sock smell). This process is a replication of nature's method for Inactivating Airborne Fungi with nothing else added.

Airborne and Surface Virus:

The positive (H+) and negative (O²⁻) ions surround the hemagglutinin (surface proteins that form on organisms and trigger infections) and change into OH groups called hydroxyls. These groups take a hydrogen molecule from the hemagglutinin and change it into water (H₂O). The ions destroy the virus surface structure. It envelops the structure of the virus on a molecular level. As a result, the virus cannot infect even if it enters the body. This process is a replication of nature's method for Inactivating Airborne and Surface Viruses with nothing else added.

Airborne and Surface Allergens:

The positive (H+) and negative (O²⁻) ions surround the airborne allergen and change into hydroxyls. The hydroxyls then deactivate the molecules of the IgE antibody-binding site of the allergen. No allergic symptoms occur even if allergens enter the body. This process is a replication of nature's method for inactivating Airborne and Surface Allergens with nothing else added.



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