

The background is a dark blue field filled with intricate, glowing patterns of light blue and white. These patterns resemble plasma or energy fields, with swirling, filamentary structures and bright, starburst-like points of light. The overall effect is dynamic and futuristic.

**Bipolar – Needle Point
Cold Plasma Technology**

Ions occur naturally

But are in the highest concentrations near beaches, waterfalls, forests and mountains.

The Phenomenal Aire cold plasma process naturally creates ions in the duct work ... just like Mother Nature does in these desirable locations.

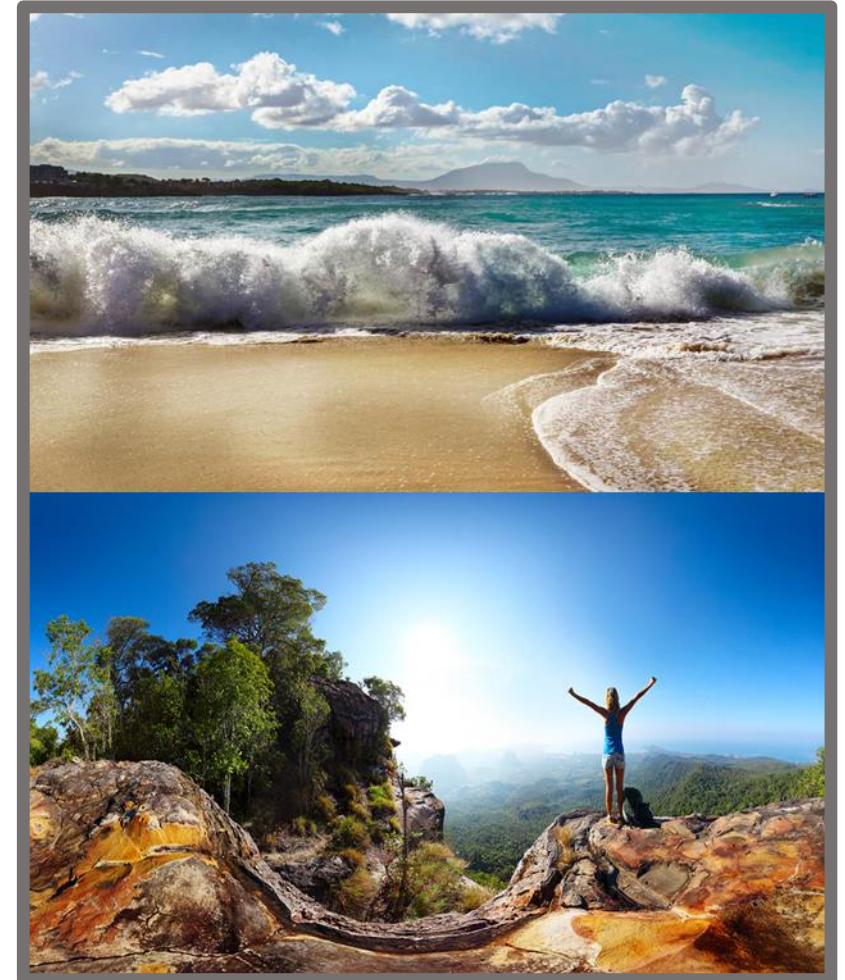
Unit of Measurement = Ions/cc (*cubic centimeter*)

Examples:

In Buildings ... < 100 ions/cc

City Streets ... < 200 ions/cc

Beaches / Mountains / Waterfalls ... > 5,000 ions/cc



Bipolar - Needlepoint - Cold Plasma - Ion Generators

- **Ion** - an atom or molecule with a net electric charge due to the loss or gain of one or more electrons.
 - **Atom** - the smallest part of an element
 - **Element** - a basic substance that is made of only one type of atom ([oxygen](#), [hydrogen](#), [nitrogen](#))
 - **Molecule** - two or more atoms that are chemically joined together (O₂, H₂O, etc...)
 - **Bipolar** – Ions are electrically charged ... positive or negative.
- **Cold Plasma** – an electromagnetic energy field that disassociates/breaks molecular bonds creating positive or negative charged ions (Bipolar).
- **All Life** depends on Ions to survive. (Proven with studies on animals)
- **Naturally Produced Ions** – with Phenomenal Aire®'s patented technology.



Series D



Series C

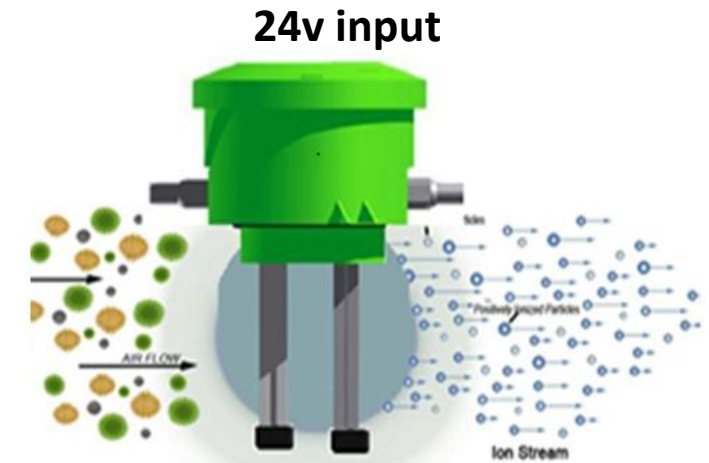


Overview of Phenomenal Aire® - Cold Plasma Generator (CPG)

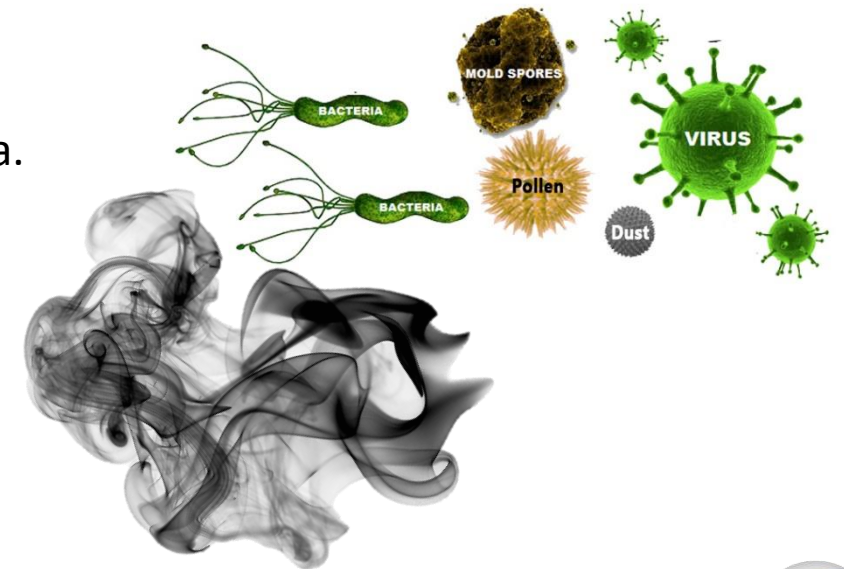
Ion Production - Positive and Negative Ions

(in the plenum, ductwork & the work/living space)

- C-6.0 140 million +/- Ions ... C-10.0 200+ million +/- ions
- Easily enough Ions to accommodate a 15-20% performance loss from dusty stingers.
- **Pathogen Control** - Kills Virus, Mold/Fungus and Bacteria.
(in the plenum, ductwork & the work/living space)
- **Allergen Control** – charged Ions allows particles to agglomerate.
 - Making particles larger for more effective filtration and thus reducing allergy symptoms.
 - Reducing allergy triggers for Bronchitis, Asthma, COPD and Emphysema.
 - Eliminates factors that contribute to Sick Building Syndrome (SBS)
- **Odor & Smoke Control** - Odors & smoke are converted and neutralized into atmospheric gases.
 - Eliminates as well as factors that Contribute to Dirty Sock Syndrome (DSS)
 - YouTube Smoke video <http://youtu.be/NsPWizRHXd8>



5-6,000v Cold Plasma Energy Field



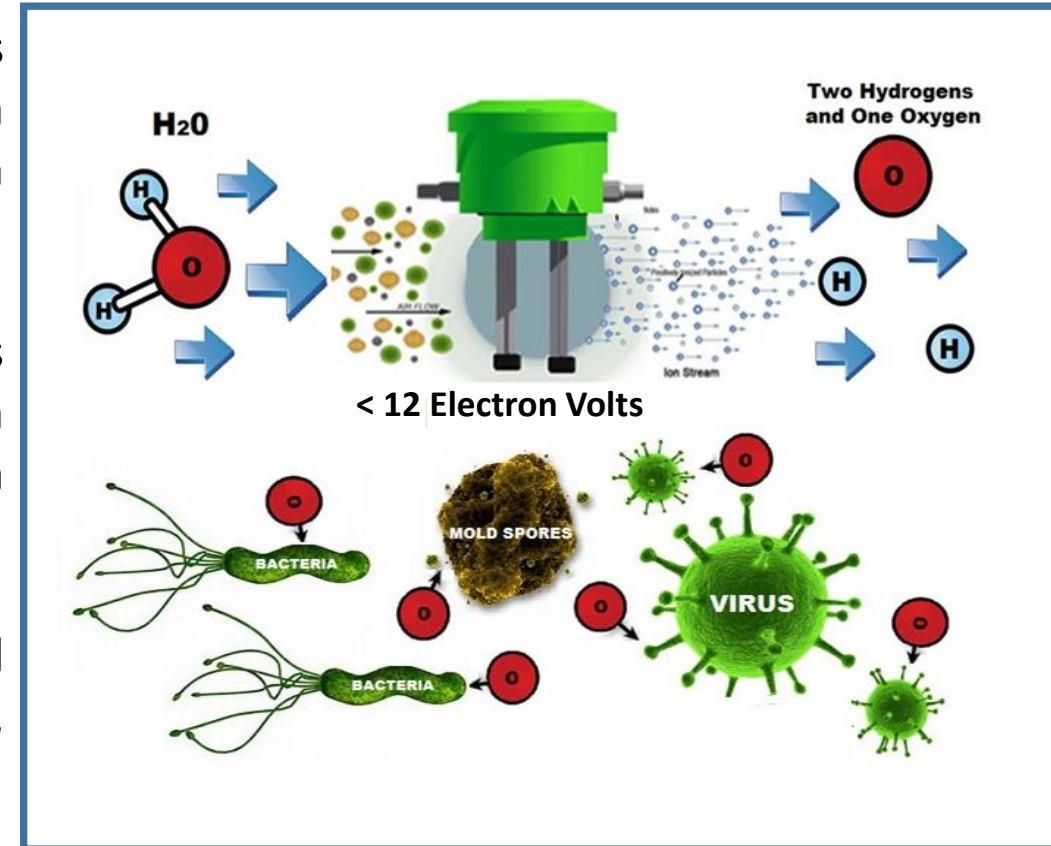
How Phenomenal Aire® works

Phenomenal Aire® Produce Ions that Kills Mold, Bacteria & Virus in the Duct and the Living Space

Phenomenal Aire creates a patented ‘Cold Plasma Field’ and as air flow passes through the field, molecules in the air with an electron voltage potential of less than 12 volts are broken down creating both positive and negative Ions.

Example – A Water Molecule (H_2O) enters the field and leaves as 2 Hydrogen ions and 1 Oxygen ion. As moisture is broken down in the Plasma field, the Oxygen Ion reacts and robs Hydrogens from the Virus, Mold, Bacteria’s outer layer of protein and kills it.

Importantly – Remaining ions that haven’t reacted to Virus, Mold or Bacteria etc., reform as safe bi-products: Carbon Dioxide, Nitrogen, Hydrogen, Oxygen and/or H_2O /water vapor.



How Phenomenal Aire® works

Breaking down VOCs, Odors and Smoke in the Cold Plasma Field

- **Needlepoint Ionization** breaks down gases with electron-volt potential numbers below 12 volts to harmless compounds; i.e., carbon dioxide, water vapor, oxygen, hydrogen and nitrogen.
- **Example:** Formaldehyde – bi-product of building furnishings, flooring materials (i.e., *Lumber Liquidators*)

