



## Bipolar Ionizer Product Launch

IEC is proud to announce the launch of the new Bipolar Ionizer, part of our Clean Air Initiative program.

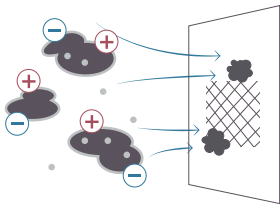
The Plasma Air 600 series Bipolar Ionizer cleans the air by introducing positive and negative ions into the space through the fan coil airflow. It is safe, ozone free, easy-to-install and low maintenance.

Partnered with a **MERV 8 filter**, the bipolar ionizer is a highly effective neutralizer of air pollutants.

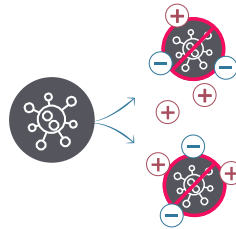


### How It Works

The Plasma Air 600 series needlepoint brush-type ionizer produces a high concentration of positive and negative ions, delivering them to the space through the air stream. Within the air stream, ions attach to particles, causing the particles to become larger and more easily filtered from the air. When ions encounter pathogens, they disrupt the pathogens' surface proteins, rendering them inactive.



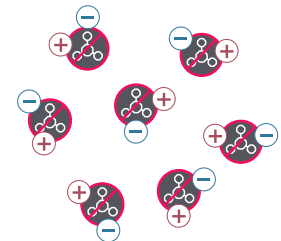
Airborne particles are charged by the ions causing them to cluster and be caught in filters



As they divide to reproduce, bacteria and virus cells bond with oxygen ions and are destroyed/neutralized



Odorous gases and aerosols oxidize on contact with oxygen ions and are neutralized



Oxygen ions cause a chemical reaction with VOCs breaking down their molecular structure

### Market Applications



Higher Education



K-12 Education



Hospitality



Multi-family Residential



Office



Healthcare

### Product Availability

The Bipolar Ionizer is available for the following IEC product families:

- Horizontal Ceiling
- Horizontal & Vertical Hi-Performance
- Vertical Floor\*
- Vertical Stack (MOD)\*
- Direct Drive Blower Coil
- Belt Drive Blower Coil

*\*not available for Stud (STW, STY) and Vertical Stack Ditto MAY/MBY units*

Learn more about the bipolar ionizer by following the link to our newly launched [Sales Flyer](#)

We work hard to make the best Fan Coils in the Industry even better. We trust you'll find these product enhancements an improvement and enhance your ability to specify IEC products.