

# PlasmaPURE

## Whole Home Air Purification



Filterless | Energy Efficient | Easy Installation | Free of Harmful Byproducts

PlasmaPURE offers HVAC and portable air purification solutions for residential and light commercial applications. Using independently proven bipolar ionization technology, PlasmaPURE neutralizes:



ODOR & VOCs



SMOKE



BACTERIA  
& VIRUSES



PET DANDER  
& DUST



MOLD SPORES



POLLEN

# Mountain Air Quality for Homeowners

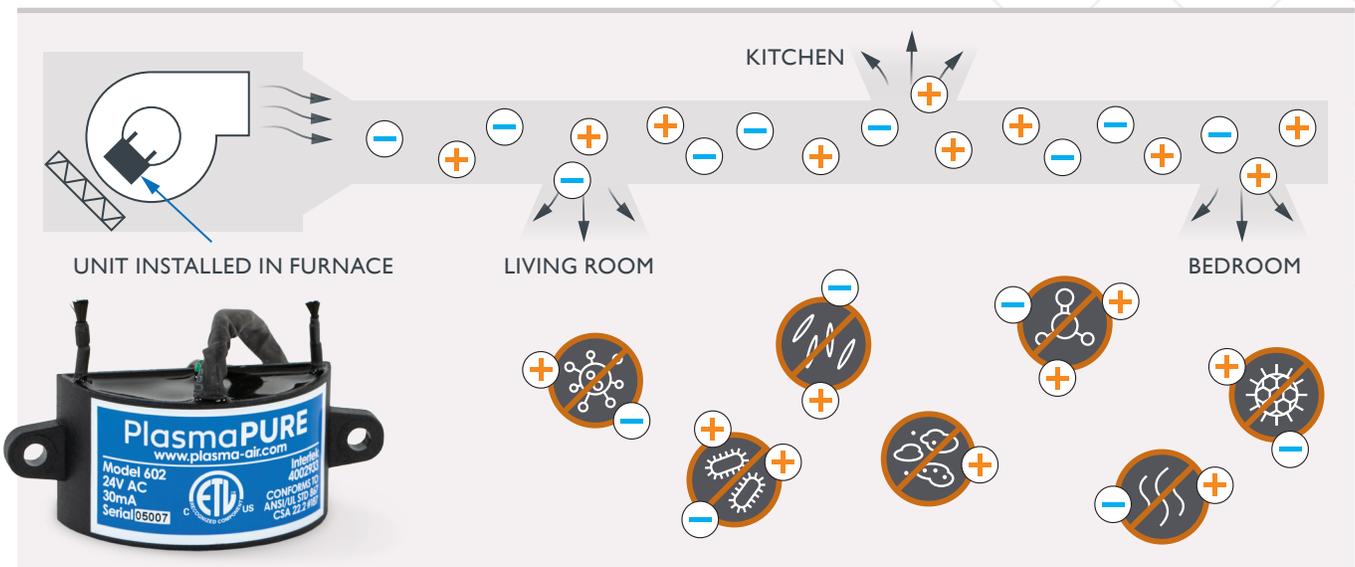
PlasmaPURE bipolar ionization technology replicates nature's process for cleaning the air by producing an equal amount of positive and negative oxygen ions. Bipolar ionization outperforms PCO, UV, and HEPA filters for odor, particulate, viruses, bacteria, and VOCs with no harmful byproducts, a lower pressure drop, less energy usage and at a competitive price.

## How Bipolar Ionization Compares

	 Bipolar Ionization	PCO	Ozone Generators	Traditional Filtration	HEPA / Fine Grain Filters	Carbon	UV Lights
Effectiveness	99%	Marginal	99%	Minimal	0 - 99.7%	Marginal	Marginal
Particle Size	Small < 2.5µm	Large > 5µm	Small < 2.5µm	Large > 5µm	Small > 0.3µm	N/A	N/A
Treats in Room Air	YES	YES	YES	NO	NO	NO	NO
Replacement Parts Needed	NO	YES	YES	YES	YES	YES	YES
Maintenance Required	NO	YES	YES	YES	YES	YES	YES
Produces Harmful Byproducts	NO	YES	YES	NO	NO	NO	NO
Energy Costs	\$	\$\$	\$	\$\$	\$\$\$	\$\$\$	\$

## How PlasmaPURE HVAC Works

Plasma Air's bipolar ionization technology offers a broader, more extensive solution than other products in the market. Installed in a furnace or air handler, PlasmaPURE produces millions of positively and negatively charged oxygen ions. These ions travel through the duct system and into occupied space, neutralizing pollutants.



# HVAC Air Purification Devices

PlasmaPURE HVAC devices are ideal for residential and light commercial use.

- Silent and invisible to the homeowner
- Independently proven safe and effective for continuous use
- Easy to install in existing or new HVAC systems
- Requires no replacement parts
- 3-year standard warranty
- Support, training and extended warranties available
- Tested and passed UL 867 for ozone and safety

## PlasmaPURE 600 - Brush-style Bipolar Ionizer



- Compact design allows for flexible and easy installation in a number of locations:
  - Furnace or AC unit
  - Ductless Mini Splits
- Fan inlet mounted with magnets or screws
- Treats up to 2400 CFM (6 Ton capacity)
- Available in 12V DC, 24V AC, 120V AC and 230V AC voltages
- Fuse protected

## PlasmaPURE AutoClean 1500 - Self-cleaning Needlepoint Bipolar Ionizer



- Unique, patented technology automatically cleans dirt and dust from needles every week
- No maintenance
- Compact design allows for easy installation in furnace or AC unit
- Fan inlet mounted with screws
- Treats up to 6000 CFM (15 Ton capacity)
- Available in 12V DC, 24V AC voltages

## PlasmaPURE 7000 - Needlepoint Bipolar Ionizer



- Easily installs in residential supply duct
- Needles are recessed — no dust accumulation
- No Maintenance
- Models that treat up to 6000 CFM (15 Ton capacity)
- 24V standard power input with optional 120V or 230V power supplies

# Portable Air Purification Units

Plasma Air offers a variety of portable units for home use. Plasma Air's sister company, Novaerus, offers medical-grade electronic air cleaners for home use. Novaerus portable units are ideal for use as a point-of-need supplement to a whole-home HVAC air purification solution.

## Novaerus NV200 & NV900



Medical-grade portable units for continuous air disinfection and odor control in small to medium occupied spaces.

- Filter free and low maintenance
- Patented ultra-low energy plasma technology with no harmful byproducts
- Can be wall-mounted or placed on a stand
- Plugs into any outlet

Learn more at [www.novaerus.com](http://www.novaerus.com)

## ABOUT PLASMA AIR

Plasma Air is a global leader in air purification solutions and is committed to improving the quality of indoor air environment. We offer a full range of innovative chemical-free air purification solutions used in residences, senior living facilities, schools, casinos, airports, railway stations, and industrial facilities.