

Air Cleaning Technology: Needlepoint Ionization

Global Plasma Solutions: Providing NEEDLEPOINT BIPOLAR IONIZATION air cleaning since 2008, over 30 patents and more than 150,000 installations worldwide.

Notable Global Plasma Solution Clients:

Large Gathering

- The White House
- Charlotte Airport
- UAE Presidential Palace
- Google
- Amelia Arena

Healthcare

- Boston's Children's Hospital
- Houston Memorial Hospital Baylor UMC
- Mayo Clinic

Schools

- Clemson & Harvard University
- 80% of the top 100 performing K-12 schools in Georgia

General Benefits

- Improve IAQ
- Safe for all system types

Sharon Wann Family Dentist Indoor Air Quality

Needlepoint Ionization air cleaning systems have been installed to promote client safety and reduce pathogen spread. Indoor air quality is critical for the safety of patients, and staff alike. With these systems, we can reduce the spread of pathogens in the airstream inside buildings, reducing the rate of viral spread.

Kill Rate Testing: Pathogen 3rd Party Testing

Pathogen	Time in Chamber	Kill Rate	Test Agency
Coronavirus	60 minutes	90.00%	EMSL
MRSA	30 minutes	96.24%	EMSL
E.coli	15 minutes	99.68%	EMSL
Mold Spores	24 hours	99.50%	GCA

Indoor Air Quality Details

- Indoor Air Quality Improvement
- Particle Reduction
- Odors Neutralized by destroying VOCs
- Pathogens Killed (Bacteria, Viruses, Mold), Helps to Control Allergens/ Asthma
- Requires little to no maintenance depending on system type
- Coronavirus Kill Rate (see above) using Needlepoint Ionization Technology
- Air Cleaning Reaches all Air in the HVAC system and the Space

