

The Indoor Air Quality (IAQ) REVOLUTIONIZER



Global Plasma Solutions Virtually Eliminates Static SARS-CoV-2 with Proprietary NPBI™ Technology

As of June 10, 2020, Global Plasma Solutions is the first air purification solution to test SARS-CoV-2, achieving a 99.4% reduction of the surface strain within 30 minutes

Who We Are

Our proven technology delivers clean indoor air that is safe and healthy – producing neither ozone nor other harmful by-products. All our Needlepoint Bipolar Ionization (NPBI) products are UL and CE approved. Through NPBI, our products purify the air by eliminating airborne particulates, odors and pathogens. All this while lowering your facility's carbon footprint and saving 30% by reducing outdoor air intake by up to 75% thus reducing energy consumption. Delivering **P.O.P.E.** to the user:



Our NPBI Process

GPS' NPBI technology works to safely clean the air inside commercial and residential buildings. The patented technology uses an electronic charge to create a plasma field filled with a high concentration of + and - ions. As these ions travel with the air stream they attach to particles, pathogens and gases. The ions help to agglomerate fine sub-micron particles, making them filterable. The ions kill pathogens by robbing them of life-sustaining hydrogen. The ions breakdown harmful VOCs with an Electron Volt Potential under twelve (eV<12) into harmless compounds like O₂, CO₂, N₂, and H₂O. The ions produced travel within the air stream into the occupied spaces, cleaning the air everywhere the ions travel, even in spaces unseen.

3rd Party Testing Summary

Pathogen	Time in Chamber	Kill Rate	Test Agency
Tuberculosis	60 minutes	69.09%	EMSL
Clostridium Difficile	30 minutes	86.87%	EMSL
Norovirus	30 minutes	93.50%	ATS Labs
MRSA	30 minutes	96.24%	EMSL
Staphylococcus	30 minutes	96.24%	EMSL
Mold Spores	24 hours	99.50%	GCA
E.coli	15 minutes	99.68%	EMSL
Legionella	30 minutes	99.71%	EMSL

As of June 10, 2020, Global Plasma Solutions is the first air purification solution to test SARS-CoV-2, achieving a 99.4% reduction of the surface strain within 30 minutes

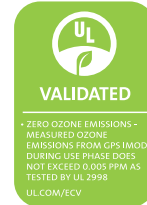
54

PATENTS

27 GRANTED

27 PENDING

150K+ SATISFIED CUSTOMERS



INDEPENDENT 3RD PARTY TESTING



GPS FACT:
GPS can be installed in any system in any building.

Lohmiller & Company
HVACR EQUIPMENT | PARTS | CONTROLS | SHEET METAL | HYDRONICS

303-825-4328

www.LohmillerCompany.com/CleanIndoorAir

Engineering Air for a Cleaner World™