

The Leaders in INDOOR AIR QUALITY (IAQ)



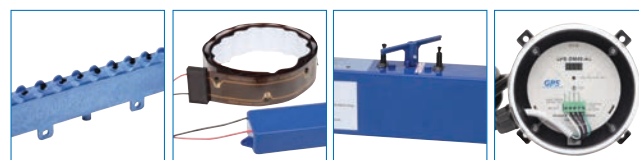
Through our patented technology, NEEDLEPOINT BIPOLAR IONIZATION, also known as NPBI, our products purify indoor air by eliminating airborne Particulates, Odors and Pathogens. All this while saving you Energy consumption and lowering your carbon footprint by reducing outdoor air intake.

GPS delivers clean indoor air that is safe and healthy – producing neither ozone nor other harmful by-products

3rd Party Testing Summary*

SENSITIVITY TESTING	SIMULATION TESTING
<p>A petri dish containing a pathogen is placed underneath a laboratory hood, then monitored to assess the pathogen's reactivity to NPBI over time. This controlled environment allows for comparison across different types of pathogens.</p>	<p>Counts of airborne pathogens are taken before and after aerosolizing them into a sealed, unoccupied laboratory environmental room installed with NPBI technology. The larger space more closely resembles a real-world environment.</p>
<p>Norovirus[†]</p> <p>TIME IN CHAMBER 30 MINUTES</p> <p>RATE OF REDUCTION 93.5%</p> <p><small>† Surrogate for Norovirus, actual strain tested was Feline Calicivirus, ATCC VR-782, Strain F-9</small></p> <p>ATS LABS EXCELLENCE IN MICROBIOLOGICAL TESTING</p>	<p>Tuberculosis</p> <p>TIME IN CHAMBER 60 MINUTES</p> <p>RATE OF REDUCTION 69.0%</p> <p>EMSL</p>
<p>Human Coronavirus^{††}</p> <p>TIME IN CHAMBER 60 MINUTES</p> <p>RATE OF REDUCTION 90.0%</p> <p><small>†† Surrogate for Human Coronavirus SARS-CoV-2, actual strain tested was Human Coronavirus 229E</small></p> <p>ALG LABORATORY</p>	<p>MRSA</p> <p>TIME IN CHAMBER 30 MINUTES</p> <p>RATE OF REDUCTION 96.2%</p> <p>EMSL</p>
<p>Legionella</p> <p>TIME IN CHAMBER 30 MINUTES</p> <p>RATE OF REDUCTION 99.7%</p> <p>EMSL</p>	<p>Staphylococcus</p> <p>TIME IN CHAMBER 30 MINUTES</p> <p>RATE OF REDUCTION 96.2%</p> <p>EMSL</p>
<p>Clostridium Difficile</p> <p>TIME IN CHAMBER 30 MINUTES</p> <p>RATE OF REDUCTION 86.8%</p> <p>EMSL</p>	<p>E.coli</p> <p>TIME IN CHAMBER 15 MINUTES</p> <p>RATE OF REDUCTION 99.6%</p> <p>EMSL</p>

250K+ SATISFIED INSTALLATIONS



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



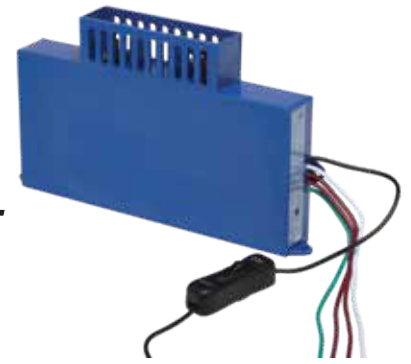
OSHPD
OSP COMPLIANT



*Global Plasma Solutions (GPS) uses multiple data points to formulate performance validation statements. GPS technology is used in a wide range of applications across diverse environmental conditions. Since locations will vary, clients should evaluate their individual application and environmental conditions when making an assessment regarding the technology's potential benefits.

GPS-FC24-AC™

2,400 CFM Auto-Cleaning Needlepoint Bipolar Ionization System



Product Description





The GPS-FC24-AC is an auto-cleaning, needlepoint bipolar ionization system designed to handle up to 2,400 CFM. The unit is designed for multiple mounting options including fan inlet, interior duct wall or interior duct floor. The composite and carbon fiber construction allows the product to be mounted in corrosive environments.

Standard Features

Universal voltage input, in-line On/Off switch, programmable auto-cleaning cycle, plasma on indication light, alarm contacts, magnets for ease of installation and replaceable carbon fiber brush emitters.*

*Life cycle testing shows no mechanical degradation of the carbon fiber brushes due to repeated cleaning cycles

Benefits

-  Particle Reduction and Smoke Control
-  Odors Neutralized by destroying VOCs
-  Pathogens Killed (Bacteria, Viruses, Mold), Helps to Control Allergens/ Asthma*, Prevents Dirty Sock Syndrome
-  Energy Savings of 30% by Reducing Outdoor Air Intake by up to 75%, reduces pressure loss by keeping coils clean without expensive UV system, and requires No Maintenance!

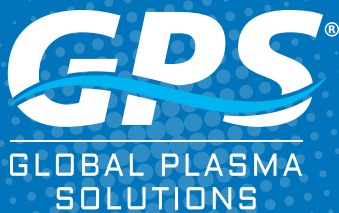
*These statements are based on numerous customer testimonials and have not been evaluated by the FDA

Specifications

Input Voltage	24VAC to 240VAC
Amps	0.17-0.017A operating/0.33-0.03A cleaning cycle
Power	4 Watts operating / 8 Watts cleaning cycle
Frequency	50/60HZ
Total Ion Output	> 300 Million ions/cc/sec
Airflow Capacity	0 to 2,400 CFM or up to 6 tons
Temperature/Humidity	-20°F to 200°F / 0 - 100% RH
Unit Dimensions/Weight	7.9"L x 1.1"W x 5.0"H / 1.25 lbs
Electrical Listings	UL, cUL, CE
Alarm Contact Rating	250VAC / 1A
Compliance & Certifications	UL 867, OSHPD Seismic (OSP), IAQP

Commercial Applications

- Schools and Universities
- Arenas and Stadiums
- Transportation Hubs
- Office Buildings
- Manufacturing
- Food Service
- Animal Care
- Institutional
- Senior Care
- Healthcare
- Hospitality
- Child Care
- Worship



Engineering Air for a Cleaner World™

Global Plasma Solutions, Inc.
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