**Product Description:** The GPS-FC48-AC is a compact, self-cleaning, no maintenance, bi-polar ionization system that allows for installation where other products will not fit. The unit is designed for multiple mounting options including fan inlet, interior wall or interior floor. The all composite and carbon fiber construction allows the product to be mounted in any environment, regardless of corrosive chemicals in the air.

**Standard Features Include:** 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*

**Benefits:** Operates from any voltage up to 240VAC or DC and **no maintenance**!

**Applications:** Schools, Offices, Patient Rooms, Nursing Homes and Restaurants and many more

**Specifications:**
- **Voltage:** 24VAC to 240VAC
- **Amps:** 0.41A to 0.041A
- **Power:** 10 Watts
- **Frequency:** 50/60HZ
- **Temp / Hum:** -40F to 200F 0-100% RH
- **Ion Output:** >200 Million ions/cc
- **Airflow Capacity:** 0 to 4,800 CFM or up to 12 tons
- **Electrical Listings:** UL, cUL
- **Alarm Contact Rating:** 250VAC / 1A
- **Unit Dimensions:** 11.1”L x 1.84”W x 3.52”H
- **Weight:** 1.0 lb / 0.45kg

*Life cycle testing shows no degradation in carbon fiber mechanical function due to repeated cleaning cycles; therefore, replacement is highly unlikely.
ABSTRACT
April 2020 Laboratory Testing of Human Coronavirus 229E
GPS Needlepoint Bipolar Ionization (NPBI)

Global Plasma Solutions (GPS) Disclaimer:
GPS does not make performance validation claims using a single data point resource. GPS technology is used in a wide range of applications across diverse environmental conditions. It is the responsibility of the client to evaluate their application and environmental conditions in making an assessment regarding the technology’s potential benefits in their use.

Test Parameters:

Chamber Ion Concentrations x 1000:

Test Result: 90% Reduction versus control after 60-minute exposure.