

# GPS-FC48-AC™

4,800 CFM Auto-Cleaning Needlepoint Bipolar Ionization System

## PRODUCT DESCRIPTION

The GPS-FC48-AC is an auto-cleaning, needlepoint bipolar ionization system designed to handle up to 4,800 CFM. The unit is designed for multiple mounting options including fan inlet, interior duct wall or interior duct floor.

## STANDARD FEATURES

Universal voltage input, in-line On/Off switch, programmable auto-cleaning cycle, operation status LED, integral Building Automation System (BAS) alarm contacts, magnets for ease of installation and replaceable carbon fiber brush emitters.\*

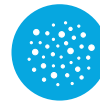
*\*Life cycle testing shows no mechanical degradation of the carbon fiber brushes due to repeated cleaning cycles*



## SPECIFICATIONS

Input Voltage	24V to 240V AC/DC
Amps	0.41A to 0.041A
Power Consumption	10 Watts
Frequency	50/60HZ
Total Ion Output	> 400 Million ions/cc
Airflow Capacity	0 to 4,800 CFM or up to 12 tons
Temperature Range	-20°F to 200°F
Humidity Range	0-100% RH
Unit Dimensions	11.1"L x 1.84"W x 3.52"H
Weight	1.32 lbs
Electrical Listings	UL, cUL
Alarm Contact Rating	250VAC/ 1A, N.O. "dry" contact
Compliance & Certifications	UL 867, OSHPD Seismic (OSP), IAQP, CE

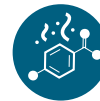
## BENEFITS



particle reduction



pathogen reduction



neutralized odors



energy savings

- 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 up to 30% by Reducing Outdoor Air Intake, 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*

## COMMERCIAL APPLICATIONS

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



www.globalplasmasolutions.com