

GPS-FC24-AC™

4,800 CFM Auto-Cleaning Needlepoint Bipolar Ionization System

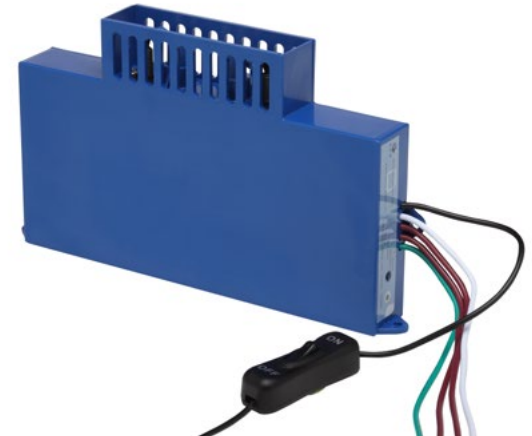
Product Description

The GPS-FC48-AC is an auto-cleaning, no maintenance, 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. The all-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.*

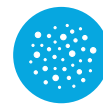
**Life cycle testing shows no mechanical degradation of the carbon fiber brushes due to repeated cleaning cycles*



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	UL, cUL, CE
Alarm Contact Rating 250VAC / 1A	250VAC / 1A
Compliance & Certifications	UL 867, OSHPD Seismic (OSP), IAQP

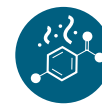
Benefits



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 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*

Commercial Applications

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

