

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, UL 2998, 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



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