

# AAS-FC4800-iClean

## 4,800 CFM Self-Cleaning Needlepoint Bipolar Ionization System



### Product Description





The AAS-FC4800-iClean 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

### 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 240 VAC
Amps	0.41A to 0.041A
Power	10 Watts
Frequency	50/60HZ
Total Ion Output	> 400 Million ions/cc/sec
Airflow Capacity	0 to 4,800 CFM or up to 12 tons
Temperature/Humidity	-20°F to 200°F / 0-100% RH
Unit Dimensions/ Weight	11.1"L x 1.84"W x 3.52"H / 1.32 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
- Theatre