

# GPS-iRIB<sup>®</sup>-18/36

*Flexible Needlepoint Bipolar Ionization Strip*

## PRODUCT DESCRIPTION

The patented GPS-iRIB 18-inch and 36-inch are made from a flexible heat and cold resistant, inert Kapton material containing a circuit with special carbon fiber ionization needles soldered into the circuit traces. What was a mechanism to transport voltage and signals between solid objects has now been engineered to deliver the highest level of ionization with the least amount of energy in the most compact size.



## STANDARD FEATURES

Comes in 18" or 36" fixed lengths, fold-to-length circuit, operation status LED, integral Building Automation System (BAS) alarm contacts, hook and loop tape for easy installation, carbon fiber brush emitters and a wide voltage input range of 110VAC to 240VAC.

## 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 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

- Traditional Split Systems
- Ducted Modules
- Ductless Mini Splits
- Air Handlers
- Heat Pump PTACs
- Fan Coils
- Ceiling Cassettes

## SPECIFICATIONS

Input Voltage	110VAC to 240VAC	Temperature Range	-40°F to 140°F
Power Consumption	5 Watts	Humidity Range	0 - 100% RH
Frequency	50/60Hz	Power Unit Dimensions	1"H x 1.75"W x 3.75"L
Output Voltage	2KV	Ionizer Strip Dimensions (iRIB-18)	1.5"W x 18"L x 0.05"H
Total Ion Output	>35M ions/cc per foot	Ionizer Strip Dimensions (iRIB-36)	1.5"W x 36"L x 0.05"H
Airflow Capacity	0 - 3,200 CFM or 8 tons	Combined Weight (iRIB-18)	0.5 lbs
Alarm Contact Rating	250VAC / 1A, N.O. "dry" contact	Combined Weight (iRIB-36)	0.54 lbs
Compliance & Certifications	UL 2998, OSHPD Seismic (OSP), IAQP, CE	Electrical Listings	UL, cUL



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