

MODEL SG-BPI-12 SERIES

(Available with either Vertical or Horizontal Ion Tubes)



SPECIFICATIONS

Product information

Adaptive air volume	36,000CFM; 61,000 CMH
Application area	up to 2,500 SqM
Shell material	Powder Coated steel
Weight	13.3 kg
Product size	710*280*450 mm
Noise	≤20 dB

Electrical

Rated Voltage	120V AC / 240V AC
Frequency	50 / 60 Hz
Power	45 to 60W

Internal Fuse/overload safety protection design and Power dual protection

Ionization Tube

Quantity	12 pcs
Size	350 or 520mm
Estimated Tube Life	17000 Hours
Material	Various composite materials, stainless steel outer mesh



APPLICATION

The SG-BPI-12 Series DBD Bipolar Ionization unit is designed to be mounted in the supply air duct or air handling system of a heating, cooling, or ventilation system. On/Off power to the unit can be controlled at the unit itself, or with an optional air pressure differential switch, interlocked with the HVAC's fan operation, or controlled by the BMS with our optional MODBUS connectivity module.

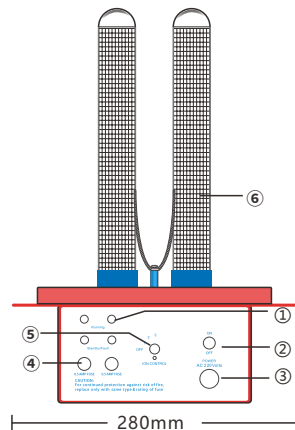
Ionization intensity is adjustable with the three-step knob on the unit.

Optional:

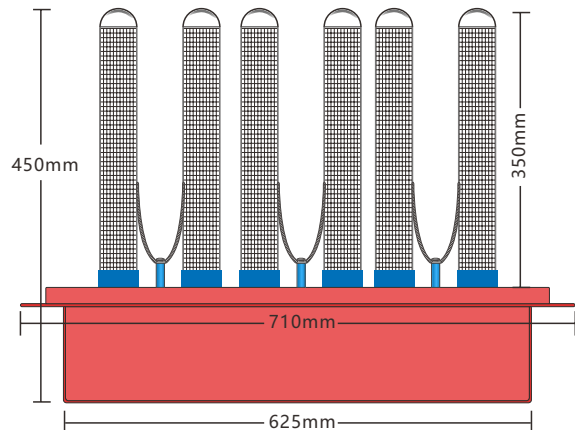
1. Air flow (differential pressure) switch
2. RS485 MODBUS Connection Module
3. Ion intensity control sensor
4. External control box

Indicator light display description:

1. Power on the device and turn on the switch. If the indicator is red, the device is in standby state.
2. Open the ion switch, the red light is off, and the green light is on, indicating normal operation. If a fault occurs, the red light will return until the fault is rectified.



- ① Running lights
- ④ Fuse



- ② Power switch
- ③ Power cord
- ⑤ Ion control
- ⑥ Ion tube