

DUCT ION SENSOR



The Air+ Duct Ion Sensor will sense the presence of ions in a duct or air handler and close or open a dry contact to communicate with the Building Management System (BMS). The unit contains a sensitivity knob that can be field adjusted to increase or decrease the level at which the ions are sensed. The dry contact will open below this value and will close above the value. The sensor also includes LEDs for power and ion indication. The unit is installed on the side of the duct utilizing the pre-drilled mounting brackets located at either side of the unit with the probe extending into the airstream.

SPECIFICATIONS:

Housing Material: ..... Aluminum  
 Maximum Operating Temperature: ..... 200°F (93°C)

Electrical:

Input Voltage: ..... 12V or 24V AC or DC  
 Optional Power: ..... Pin Jack on Control Panel  
 Frequency : ..... 50/60Hz  
 Pressure Drop: ..... < 0.05" of WG

Dimensions: .... See Figure 1  
 Ion Indication: ... LED and Dry Contact

Ion Detection:

Range: ..... 500-20,000 ions/cm<sup>3</sup>  
 Adjustability: ... User/Field  
 Ion Polarity: ... Positive and Negative  
 Limit: ..... 500-20,000,000 ions/cm<sup>3</sup>

Figure 1 - Dimensions

