

## ASI Controls

## Room Temperature Sensors

### WS-R Features

- Room Temperature via thermistor 3 kohm @ 77 °F (25 °C).
- Setpoint Adjust Option via 10 k to 30 kohm potentiometer.
- Override Push-button Option for afterhours operation..
- Screw Terminals for easy wiring.



WS-RSO Wall Sensor

The WS-R Series temperature sensors are thermistor type sensors and are suitable for drywall or junction box mounting. These sensors provide a predictable output over a specified temperature range, and are ideal for use with the ASIC/1-8x55, and ASIC/2 products. Wiring connection is via screw terminal.

Thermistors offer high accuracy and interchangeability over a wide temperature range. The thermistor's high resistance eliminates lead wire resistance problems.

These sensors do not provide communication access to the ASI controller. The WS-0xx Series of Wall Sensors should be used for sensors that require modular connection and communication access to the ASIC1/8x55 products.

The WS-R Series room temperature sensors are offered with a combination of Setpoint Adjust and Push-button Override Switch .

- WS-R                      Room Sensor is a thermistor, 3k ohms @ 77 F
- S Option                Setpoint Adjust 20 k potentiometer in series with 10 kohm: Left 10k, Cooler; Right 30 k, Warmer.
- O Option                Push-button override switch located on the side of the sensor.

### Product Specifications

- Output:                    3,000 Ohms @ 77F (25C)
- Temperature Range:    -40 to 100 degrees C  
                                  -40 to 212 degrees F
- Interchangeability:    0.2 degrees C (0 to 70C)
- Thermistor Stability    Highly Stable, No Field Calibration Required
- Dissipation Constant: 3 mW per degree Celsius
- Accuracy:                +/- .2 degrees Celsius (0 to 70C)
- Dimensions:             Standard 4.50" x 2.75" x 1.25"  
                                  (115mm x70mm x32mm)
- Connections:            screw terminals.  
                                  TB1-2,3 3k thermistor  
                                  TB1-4,5 override push-button  
                                  TB1-6,7 Variable Setpoint Adjust 10k to30 kohm  
   Cooler Warmer
- Color:                     Beige with ASI Logo.

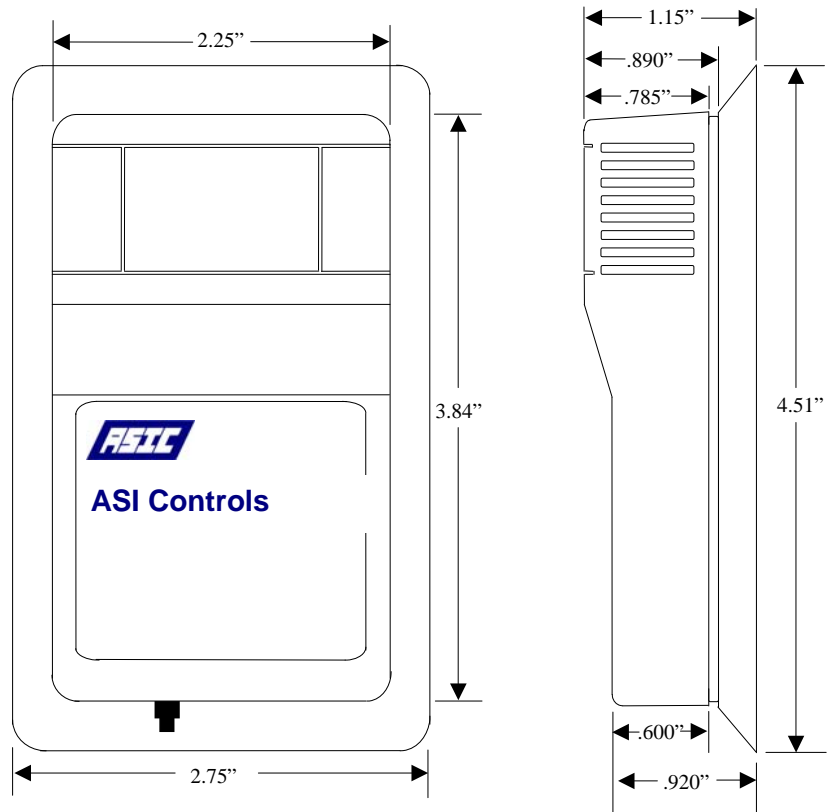
How to Order:	Order Number
Room Temperature Sensor Only	WS-R
Room Temperature Sensor with Setpoint Adjust	WS-RS
Room Temperature Sensor with Override Switch	WS-RO
Room Temperature Sensor with Setpoint Adjust and Override Switch	WS-RSO
Setpoint Adjust and Override Switch only with 2 kohm potentiometer	WS-SO-2k



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### Dimensions



### Wiring

