



SPACE-Sensor™ Temperature

Temperature Sensor

## Sensible comfort

Aesthetically designed to complement any decor, the Reliable Controls® SPACE-Sensor Temperature™ (SST) series provides a traditional temperature sensor solution and a wide array of options to help you achieve comfort.



Member of

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Better by design

[www.reliablecontrols.com/SST](http://www.reliablecontrols.com/SST)

## Tech Specs

### Supply Voltage

- No external power required except for -CO<sub>2</sub>, -H and -OC models
- 24VAC ±15% 50/60 Hz or 9-24VDC ±15% (DC-only prior to Rev H)
- CO<sub>2</sub> option adds 1VA (1.2 W)
- H option adds 0.1VA (0.1 W)
- OC option adds 0.1VA (0.1 W)

### Temperature Specifications

- Dedicated 10k thermistor onboard
- Range: -20 °C to 55 °C (-4 °F to 131 °F)
- Sensor accuracy: ± 0.2 °C (0.36 °F) over range

### CO<sub>2</sub> Sensor Specifications

- NDIR (nondispersive infrared) sensor with auto calibration
- 1-4 VDC output (RC-Studio standard range)
- 0-2000 ppm
- Accuracy ±30 ppm min. to ±5% of measured value

### Occupancy Sensor Specifications

- Passive Infrared Radiation (PIR) sensor
- 64 detection zones
- 100° horizontal / 82° vertical
- 5 m (16.4 ft.) max. detection distance

### Humidity Sensor Specifications

- ±3%RH max from 20 to 80%, ±2% typical, see table
- 0-5V output 0 to 100%RH

### Buttons

- Models with the -O option feature a custom silicone rubber override button
- Models with the -L option feature an LED illuminated override button
- Models with the -UD option feature custom silicone rubber up/down adjust buttons

## Features

### Aesthetic Design

- Smooth contoured lines
- Slim profile
- Available in Warm Gray or Solid White

### Space Sensing

- Temperature
- CO<sub>2</sub>
- Occupancy
- Humidity

### User Access and Adjust

- Soft rubber button design
- Setpoint adjust using Up and Down buttons or slider
- Momentary contact override center button
- LED option for illuminated override button
- RJ-11 connector on bottom provides access to host network (X-Port-2™ required)

### Combine two inputs into one

- On the -O and -UD models, the buttons are momentary, and short and open the thermistor circuit. Control Basic SENSOR-ON and SENSOR-OFF commands are used to detect button use.

### Warranty

- 5 years
- 1 year for humidity sensor and CO<sub>2</sub> sensor

## Ordering

### SST (base model)

- SPACE-Sensor Temperature with dedicated 10k thermistor onboard, warm gray colour

### Options

- CO<sub>2</sub> 0-2000ppm CO<sub>2</sub> Sensor
- H ±2% Humidity sensor
- J Network Access Jack
- L Override status LED, only possible with the -O option
- OC PIR motion sensor
- O override button
- S setpoint slider
- UD setpoint up and down buttons
- /W white enclosure, leave blank for standard warm gray colour

## ACCESSORIES

### PS-VDC

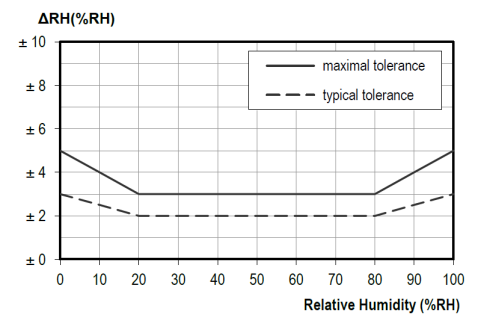
- Variable DC Power Supply 0-32VDC for SSX or SST with CO<sub>2</sub> or OC

### PS-WDC

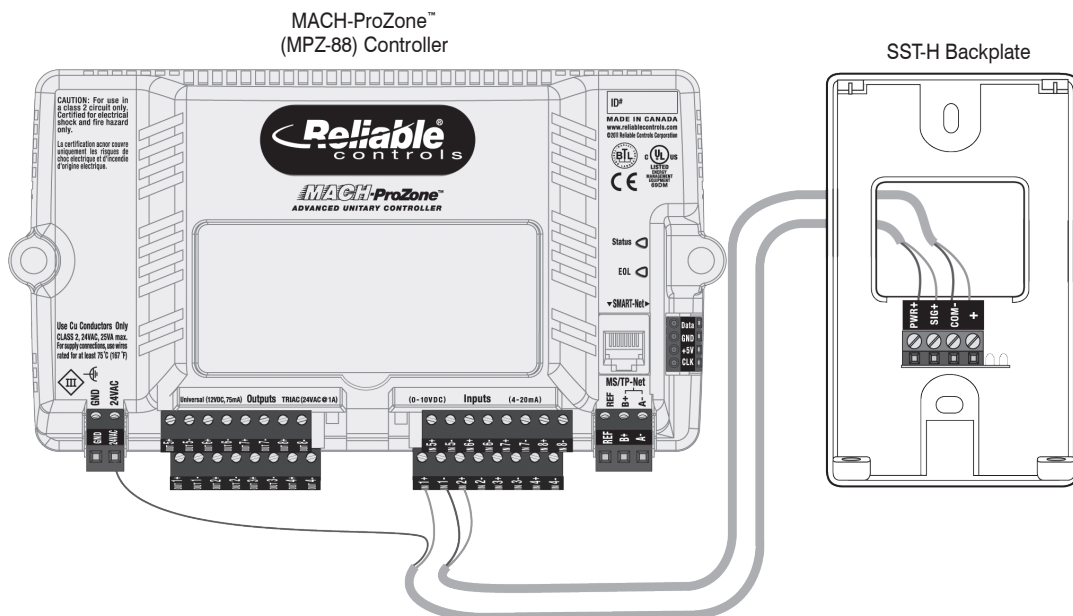
- Wall Mount DC Power Supply 9VDC, 500mA for SSX or SST with CO<sub>2</sub> or OC

See Submittal Sheet for ordering details

## HUMIDITY SENSOR TABLE



## APPLICATION DIAGRAM



## COVER EXAMPLES



Dealer Information:

\* Rev H and newer support AC/DC. Previous revisions are DC only.