

### Description

These compact, stylish, and economical room temperature sensors are designed to use with SimplyVAV controllers. They install easily without programming or configuration.

- ◆ The durable, low-profile, thermostat-style cover is visually appealing.
- ◆ Easy connections with standard Ethernet patch cable.
- ◆ Surface mounts on a hollow wall or on a standard electrical box with the appropriate backplate.



### Model descriptions

The following SimplyVAV STE-6000 series models are available:

#### STE-6010W80

A simple, temperature sensor only.

#### STE-6014W80

A temperature sensor with a rotary dial for adjusting the room setpoint.

#### STE-6017W80

In addition to the temperature sensor and rotary dial, this model features an push button for overriding temperature setback.

### Specifications

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| <b>Connections</b>   | RJ-45 jack                                                   |
| <b>Material</b>      | Flame-retardant white plastic                                |
| <b>Weight</b>        | Approx. 1.25 oz. (35 grams)                                  |
| <b>Sensor</b>        |                                                              |
| Type                 | Type II thermistor                                           |
| Accuracy             | $\pm 0.36^{\circ}\text{F}$ ( $\pm 0.20^{\circ}\text{C}$ )    |
| Resistance           | 10,000 ohms at $77^{\circ}\text{F}$ ( $25^{\circ}\text{C}$ ) |
| NTC                  | 4.37%/°C @ $25^{\circ}\text{C}$                              |
| Dissipation Constant | 2 mW/°C                                                      |

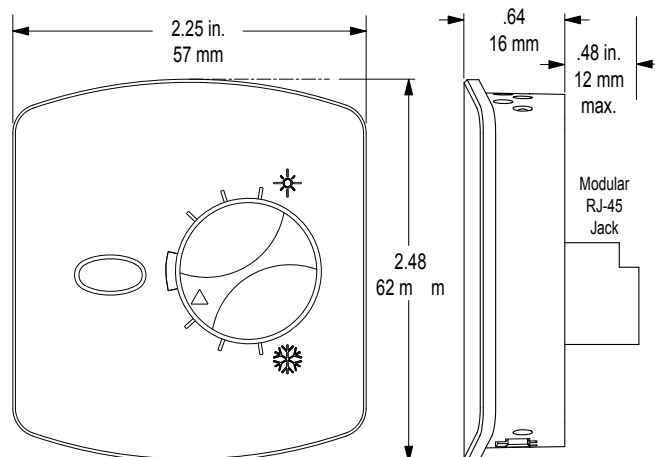
**Rotary Setpoint Pot.** 0–10K ohms  $\pm 20\%$   
( $54\text{--}90^{\circ}\text{F}$  or  $12\text{--}32^{\circ}\text{C}$ ) linear

### Approvals

CE compliant

### Environmental Limits

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| Operating | 34 to $125^{\circ}\text{F}$ ( $1.1$ to $51.6^{\circ}\text{C}$ )  |
| Shipping  | $-40$ to $140^{\circ}\text{F}$ ( $-40$ to $60^{\circ}\text{C}$ ) |
| Humidity  | 0 to 95% RH non-condensing                                       |



### Accessories

|             |                                    |
|-------------|------------------------------------|
| HMO-1161W80 | Backplate, 4.8 x 5.5 inches, White |
| HMO-6036W80 | Universal Backplate, White         |

## Sensor selection guide

See the data sheet for SimplyVAV digital sensors for detail on the STE-8000 series models.

| Model       | Temperature sensor | Setpoint dial | Override button | Setpoint buttons | Motion sensor | Digital display | Configuration tool | Balancing tool |
|-------------|--------------------|---------------|-----------------|------------------|---------------|-----------------|--------------------|----------------|
| STE-8001W80 | ◆                  |               |                 | ◆                |               | ◆               | ◆                  | ◆              |
| STE-8201W80 | ◆                  |               |                 | ◆                | ◆             | ◆               | ◆                  | ◆              |
| STE-6010W80 | ◆                  |               |                 |                  |               |                 |                    |                |
| STE-6014W80 | ◆                  | ◆             |                 |                  |               |                 |                    |                |
| STE-6017W80 | ◆                  | ◆             | ◆               |                  |               |                 |                    |                |

## Ordering information

| Model description                                                                       | Model number |
|-----------------------------------------------------------------------------------------|--------------|
| Discrete temperature sensor with RJ-45 connector                                        | STE-6010W80  |
| Discrete Temperature sensor with rotary setpoint dial, RJ-45 connector                  | STE-6010W80  |
| Discrete temperature sensor with rotary setpoint dial, override button, RJ-45 connector | STE-6010W80  |

### We Value Your Feedback!

Help us improve this document.

[Click here to take a 3-minute survey.](#)

Your input helps us make our documents clearer and more useful.

### KMC Controls, Inc.

19476 Industrial Drive, New Paris, IN 46553

574.831.5250

[www.kmccontrols.com](http://www.kmccontrols.com); [info@kmccontrols.com](mailto:info@kmccontrols.com)