SimplyVAV

Digital Temperature and Motion Sensors

Description

The SimplyVAV digital sensors are wall-mounted, temperature sensors for use with SimplyVAV series controllers. Key features include the following:

- ◆ Integrated operator interface that is ready to use with SimplyVAV series controllers
- ◆ Large LCD display
- ◆ Simple three-button interface
- ◆ Continuously displays temperature and time
- ◆ Use as a service tool to set up SimplyVAV controllers
- ◆ Optional motion sensor to detect space occupancy and control temperature setback

Specifications

Display
- ◆ Multifunctional LCD
- ◆ 1.88 x 1.25 in. (48 x 32 mm)

Compatibility

SimplyVAV controllers

Controller Connection

Connector type	Eight-wire RJ-45 modular jack
Cable type	Standard Ethernet cable up to 75 feet (22.9 meters)
Power	Supplied by connected controller
Mounting	Surface mount directly to any flat surface or to a 2 x 4 inch or 4 x 4 inch handy-box. Mounting on a 4 x 4 inch box requires a mounting backplate.
Weight	2.8 ounces (80 grams)
Material	Flame retardant plastic

Sensor accuracy

Type	Thermistor
Accuracy	±0.36° F (±0.2° C)
Resistance	10,000 Ω at 77° F (25° C)
Operating range	48 to 96° F (8.8 to 35.5° C)

Environmental Limits

|	
Operating Temperature	34° to 125° F (1.1 to 51.6° C)
Shipping	–40° to 140° F (–40°C to 60° C)
Humidity	0 to 95% relative humidity non-condensing

Motion sensor

Detector type	Passive infrared
Range	33 feet (10 meters). See diagrams.

Top view   Side view
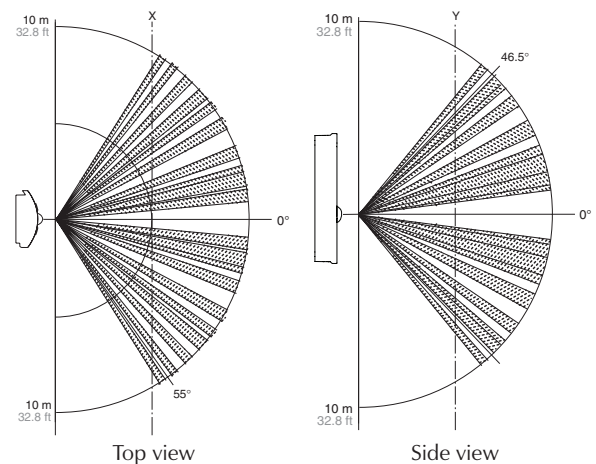
Dimensions
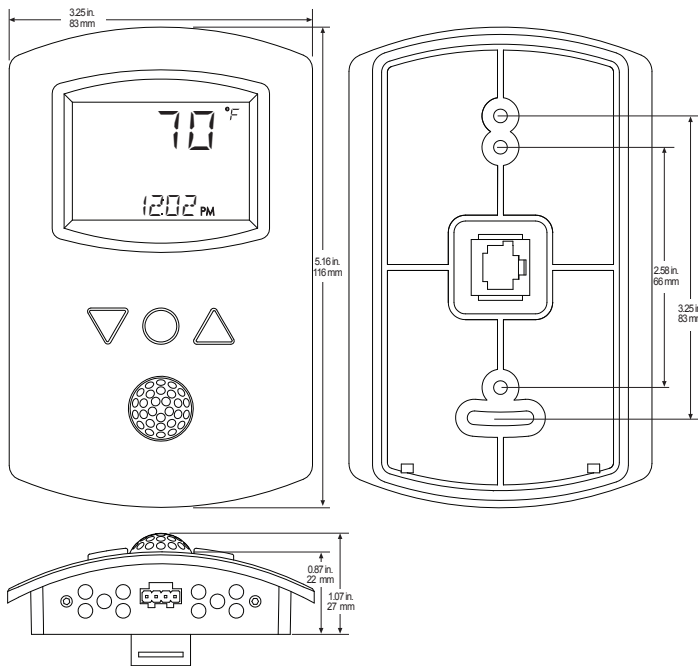
Regulatory

- ◆ CE compliant
- ◆ SASO PCP Registration KSA R-103263
- ◆ FCC Class B, Part 15, Subpart B and complies with Canadian ICES-003 Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FC CE

Accessories

| HMO-1161W80 | 4 x 4 inch backplate, white |
| HPO-1161 | Foam insulating gasket |

Sensor selection guide

See the data sheet for SimplyVAV STE-6000 series sensors for detail on those 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
SimplyVAV digital temperature sensor	STE-8001W80
SimplyVAV digital temperature and motion sensor	STE-8201W80

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