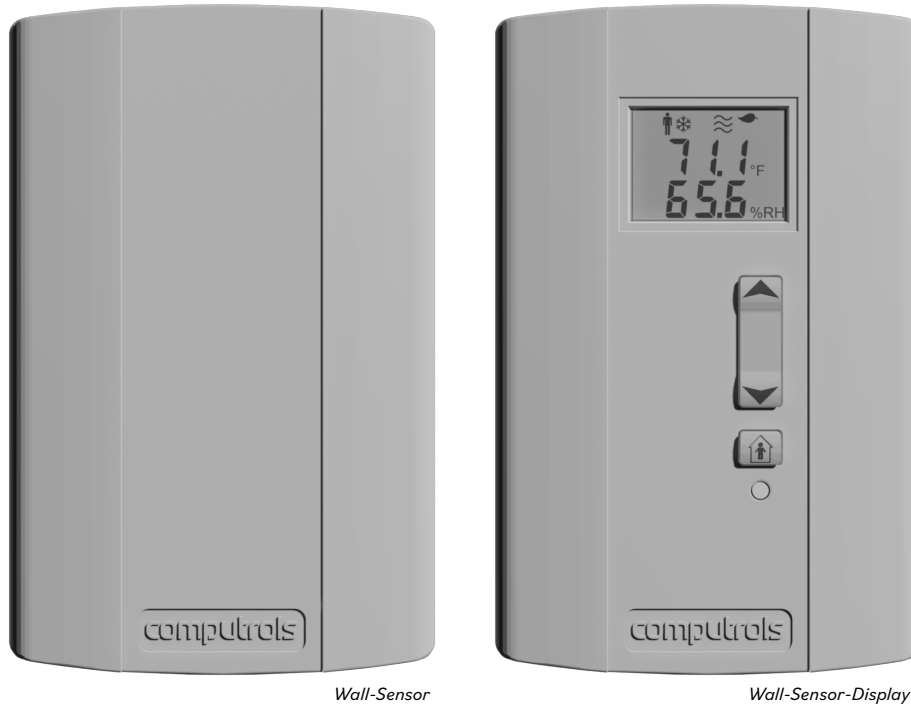


### Wall Sensor

The Wall Sensor delivers reliable temperature, humidity, CO2, and VOC data into your building automation system. Our Wall-Sensor-Display model has a **large, readable custom display** providing occupants with as much (or as little) information as you wish: Temperature, Humidity, Occupancy, Fan Status, etc. Using wireless communications, you can locate the new Wall Sensor Wireless in even the most difficult places in minutes.



*Note: 1.5mm (1/16") hex screw driver required for locking faceplate (not included)*

### Product Highlights

#### Large Custom Display (Optional)

Each Wall-Sensor-Display model has a large, readable custom display. This display provides occupants with as much (or as little) information as you wish: Temp, Humidity, Occupancy, Fan Status, etc.

#### Indoor Air Quality (IAQ)

Safeguard against high CO2 from overcrowding and poor ventilation, and capture other pollutants known as volatile organic compounds (VOCs).

#### Mobile App Configuration

A single button press on the Wall Sensor reveals all of its options right on your smartphone.

#### Wireless Connectivity\*

Using a wireless connection, the Wall Sensor Wireless sends data directly to your UNI-C or Core Connector and subsequently back to Computrols Building Automation Software (CBAS).

#### Long Battery Life\*

The Wall Sensor Wireless leverages the latest battery and energy technology to guarantee 5 years of maintenance free operation. Providing Low Battery notifications both at the Sensor and in the software, use these early warnings for convenient replacement and zero down-time.

\*Wireless versions of Wall Sensor models only.

## Wall Sensor Models (Wired and Wireless)

Hardware Specifications		Wall-Sensor	Wall-Sensor-IAQ	Wall-Sensor-Display	Wall-Sensor-IAQ-Display
<b>Computer</b>	<b>Processor:</b> 32-bit ARM Cortex-M0 <b>Memory:</b> 256 kB non-volatile, 32 kB RAM	✓	✓	✓	✓
<b>Communications</b>	<b>Legacy:</b> UNI-B/UNI-C and VAV-B/VAV-C Wall Sensor Wiring	✓	✓	✓	✓
<b>Power</b>	<b>Wired:</b> 24VAC or 24VDC <b>Legacy:</b> UNI-B/UNI-C and VAV-B/VAV-C Wall Sensor Wiring	✓	✓	✓	✓
<b>Dimensions</b>	5x3.19x1.08"	✓	✓	✓	✓
<b>Temperature Sensor</b>	<b>Type:</b> Silicon Thermistor <b>Range:</b> -40 to 250 °F <b>Accuracy:</b> +/- 0.35 °F	✓	✓	✓	✓
<b>Humidity Sensor</b>	<b>Type:</b> Relative Humidity <b>Range:</b> 0 to 100 %RH <b>Accuracy:</b> +/- 2 %RH	✓	✓	✓	✓
<b>CO2 (IAQ Models Only)</b>	<b>Type:</b> Nondispersive Infrared (NDIR) <b>Range:</b> 0 to 2000 ppm <b>Accuracy:</b> +/- 30 ppm		✓		✓
<b>VOC (IAQ Models Only)</b>	<b>Type:</b> Metal Oxide (MOx) <b>Range:</b> 0 to 1000 ppm <b>Accuracy:</b> +/- 15 VOC index points		✓		✓
<b>User Interface (Display Models Only)</b>	<b>Display:</b> 73 Segment Custom LCD <b>Buttons:</b> (1) Up/Down Rocker, (1) Home <b>Indicators:</b> (1) General Purpose LED			✓	✓

## Software Features

<b>Customizable Screens</b>	Display screens are easily configured through CBAS.
<b>Overtime Request</b>	The CBAS-Programmable Home button can be used to request Overtime Air, using a programmable time interval.
<b>Mode Control</b>	CBAS-programmable Mode Page exposes options like: Heat, Cool, Auto, etc.
<b>Fan Control</b>	CBAS-programmable as single to three-speed fan, or Fan/Off/Auto.
<b>IAQ Display</b>	CBAS-programmable Leaf Indicator as well as CO2 and VOC values on the IAQ Page.

## Related Products

<b>Computrols App</b>	Available for download for iOS and Android devices, the Computrols App is used for field interaction with Wall Sensors. This includes: Configuration, Status Viewing and Programming.
<b>UNI-C (all models)</b>	All Wall Sensor models work natively and pair easily with these Computrols Wireless controllers.
<b>Serial-Connector</b>	The Computrols Serial Connector connects to the Building Automation Network via a CAT5/6 network connection and supports up to 3 RS-485 communication channels.
<b>SensorNet Connector (SI-CWS)</b>	Use the Computrols SensorNet Connector to interconnect Computrols Wall Sensor - Wired to Computrols LX controllers.
<b>VAV-B/UNI-B (all models)</b>	All Wall Sensor models are designated to be backwards compatible with legacy installs, however a firmware intervention may be required on the host controller. Contact your Computrols representative to determine compatibility and/or the appropriate upgrade process.

