

Installation Guide

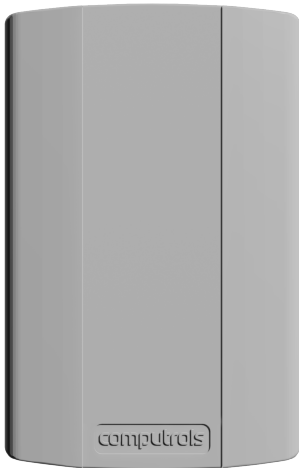
WALL SENSOR



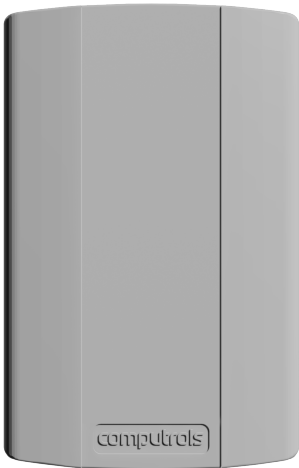
Introduction

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: Temp, Humidity, Occupancy, Fan Status, etc.

Wall Sensor Models



Wall-Sensor



Wall-Sensor-IAQ

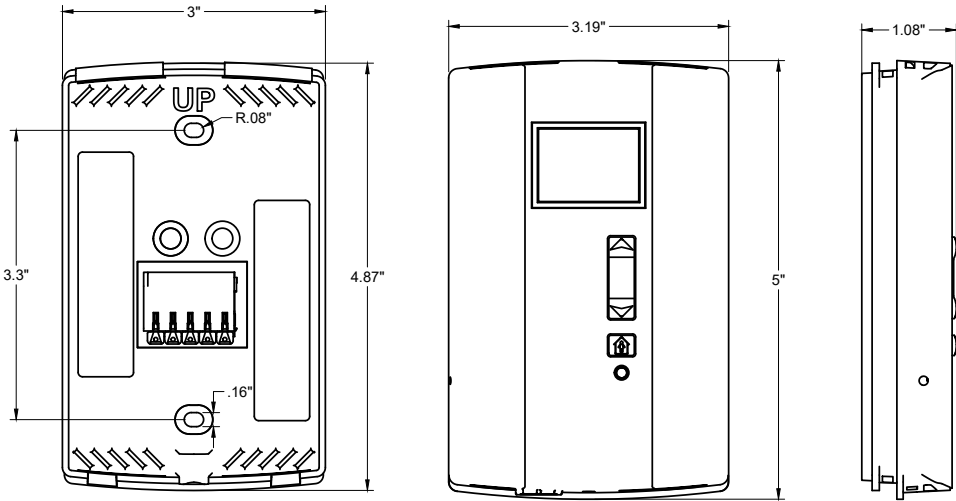


Wall-Sensor-Display



Wall-Sensor-IAQ-Display

Case Dimensions



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Install

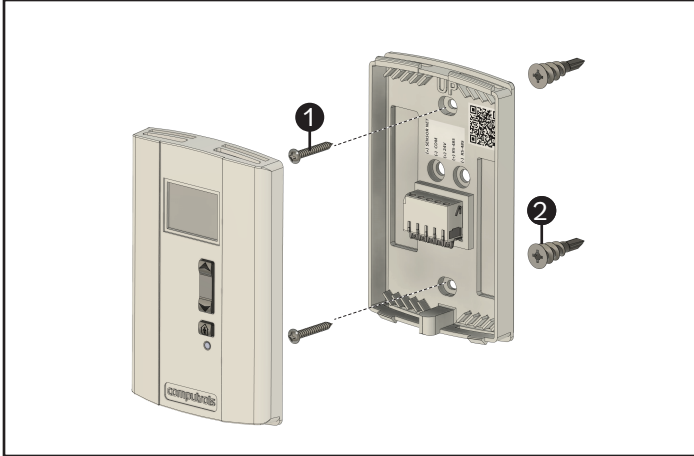
Safety Considerations

- Computrols always recommends professional installation.
- Do not remove electronics cover or any electronic component. This should only be done at the factory.

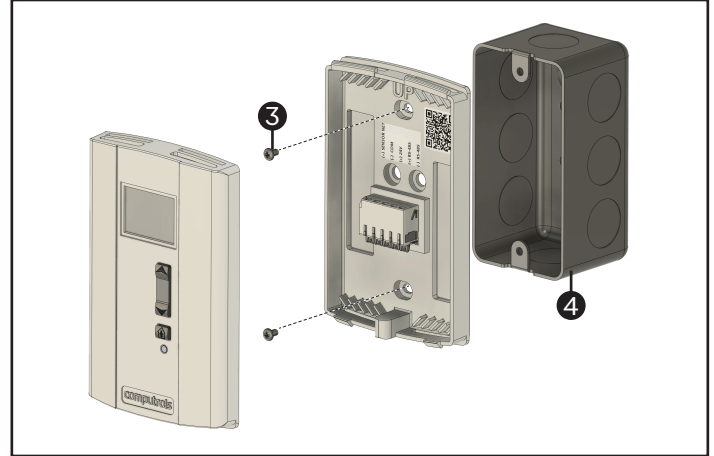
Step 1

Determine which of the two mounting options below is best for your particular installation.

Drywall



Electrical Box



Step 2

- Use a 1.5mm hex screwdriver to unlock the top plate from the bottom plate. The set screw is not meant to be removed from the device. Screwing the set screw inward unlocks and screwing the set screw outward locks.
- Place fingers under bottom lip and pull outward to unlatch the top plate from the bottom plate.

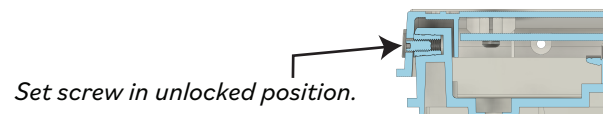


Required Parts

- ① #6 drywall anchor screws
- ② Drywall anchors for #6 screw
- ③ #6 screws
- ④ 1 gang electrical box
- ⑤ 1.5mm hex screwdriver



Set screw in locked position.



Set screw in unlocked position.

Step 3

Mount the Wall Sensor on an electrical box or directly on a wall.

Step 4

Lock the case by screwing the set screw outward.

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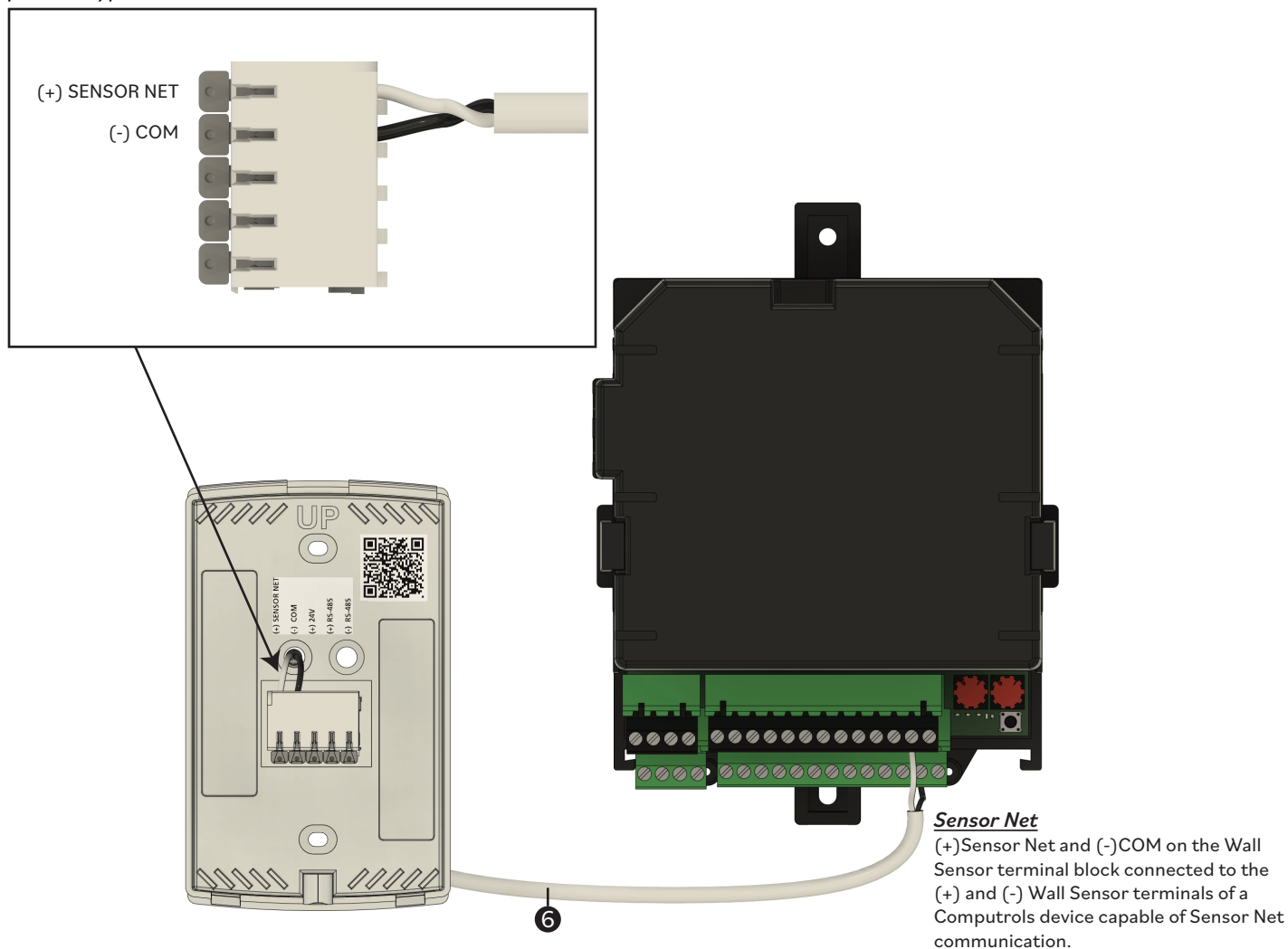
Wire

Step 5

From the Wall Sensor, terminate the (+)Sensor Net and (-)Com cables to a Computrols device capable of Sensor Net communication.

Note

The Wall Sensor's terminal block is a screwless poke-in type wire termination and is non-removeable.



Required Parts

- ⑥ 2 conductor jacketed cable

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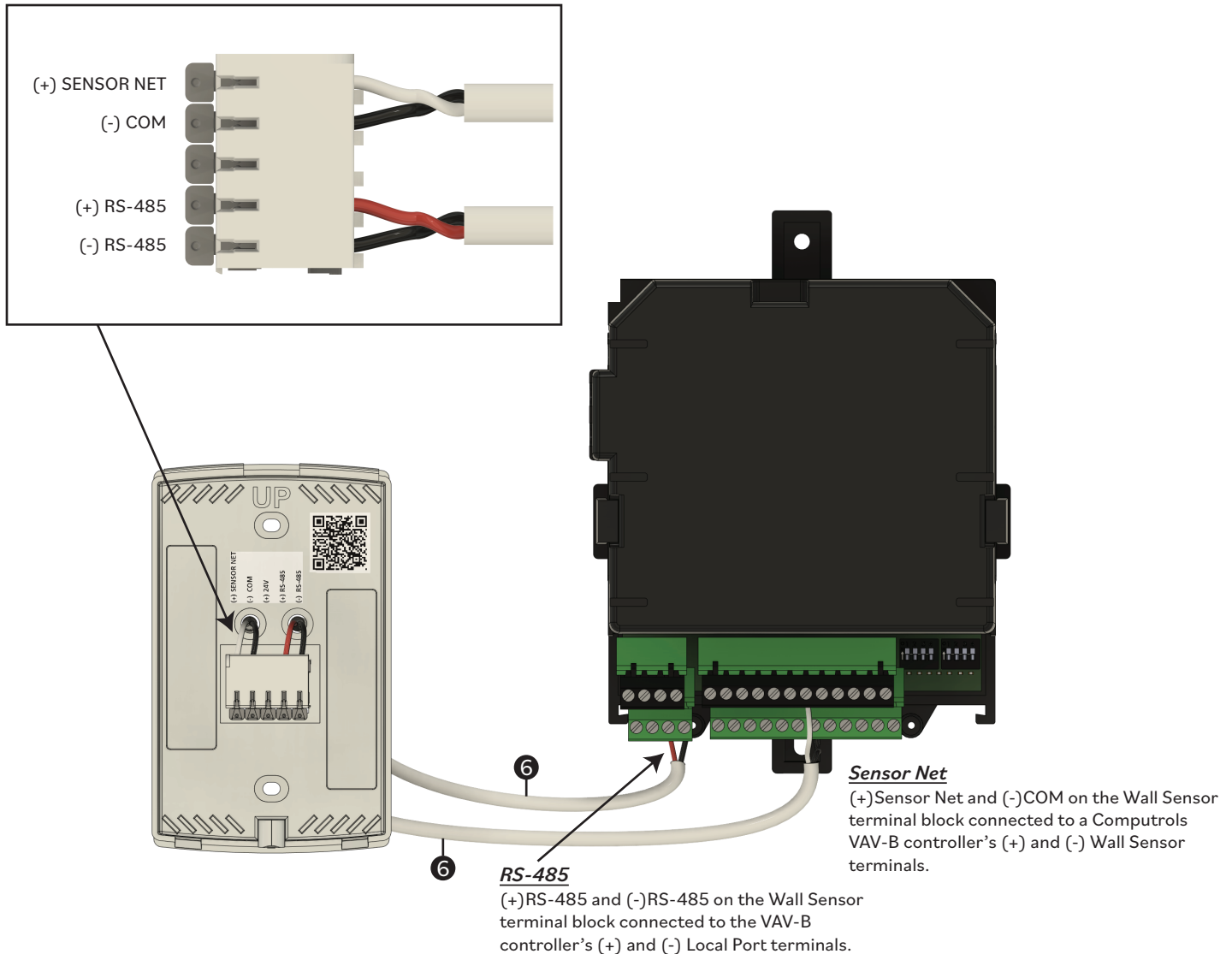
Test and Balance (VAV-B only)

Step 6 (Optional 485 pass through for test and balance)

From the Wall Sensor, terminate the (+)RS-485 and (-)RS-485 wires to the (+)RS-485 and (-)RS-485 wires on a VAV-B Local Port.

Note

- 1.VAV-B product line only
- 2.Must use two separate 2 conductor cables



Required Parts

- ⑥ 2 conductor jacketed cable

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Configure

Step 7

Get the Computrols App. Computrols' latest devices have all been designed to utilize a common **mobile device app** for ease of installation and many other technical tasks. The App will allow you connect to the Serial Connector and view all configuration options. If you already have the Computrols App, proceed to the next step below.

You can find the **Computrols App** in the following sites:



Once you get the app you will need a **valid account** with user login credentials. Please contact your supervisor for this.

Step 8

Once logged into the App, you will be able to connect to your new Wall Sensor. Simply press the **Connect to a Device** button and follow the instructions provided by the App to complete the installation process.

