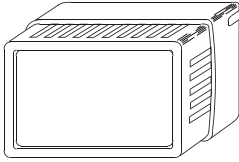


UVC Wall-Mount Temperature Sensor Installation Instructions

Description



Novar's Unit Ventilator Controller Wall-Mount Indoor Temperature Sensor (WTS-UVC) is a precision electronic sensor designed for use with Novar's Logic One[®] Unit Ventilator Controller (UVC). The WTS-UVC sensor detects space temperature and uses a two-wire signal cable to send its temperature signal to the UVC.

Specifications

Physical Dimensions

Height: 2 $\frac{1}{8}$ inches
 Width: 3 $\frac{1}{8}$ inches
 Depth: 1 $\frac{1}{8}$ inches

Range

Temperature: Application-specific

Accuracy of Reading

1 F (0.556 C)
 Over 50 to 90 F (10 to 32 C) of stated temperature range

Installing the WTS-UVC

The WTS-UVC should be installed on an interior wall in an area with ample air circulation and free from drafts and sudden temperature changes. The sensor can be mounted horizontally or vertically.

The following procedure should be used to mount the sensor.

Step	Procedure
1	Loosen the screw on each side of the sensor's cover and lift it off the sensor's baseplate.
2	Position the baseplate against the mounting surface and mark the surface to show the location of the two corner mounting holes.
3	Drill holes where the mounting surface was marked and install hollow-wall anchors, if necessary. <p style="text-align: center;">NOTE! To mount on a junction box, drill holes in the box cover or use an appropriate adapter.</p>

continued



Step	Procedure
4	Pull the signal cable through the sensor's backplate and connect the wiring as follows: <ul style="list-style-type: none"> ■ Connect the red wire to the sensor's plus (+) terminal. ■ Connect the black wire to the sensor's minus (-) terminal (see Figure 1).
5	Position the baseplate against the mounting surface, insert a screw in each mounting hole, and tighten the screws until the baseplate is secure. <ul style="list-style-type: none"> ■ Use machine or sheet metal screws to attach the baseplate to a junction box.
6	Apply the sticker to the front of the cover horizontally. <ul style="list-style-type: none"> ■ The sticker can be applied vertically, if the WTS-UVC was mounted vertically.

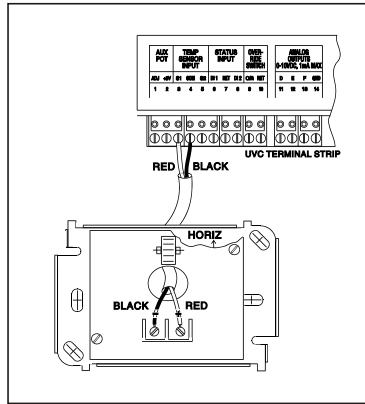


Figure 1. WTS-UVC Wiring Connections

Wiring the Sensor to the UVC

Maximum recommended sensor wire length for connecting the temperature sensor is 100 feet, 22-gauge wire.

The following procedure should be used to connect the sensor to the UVC.

Step	Procedure
1	Connect the red wire (+) to Terminal 3, S1, under the Temp Sensor Input section on the UVC's terminal strip.
2	Connect the black wire (-) to Terminal 4, COM, under the Temp Sensor Input section.
3	Inspect the wiring to verify polarity and make certain the connections are secure.

NOTE! The Indoor Temperature sensor is permanently calibrated at the factory and cannot be adjusted in the field.

Model and Part Number

The part number in Table 1 should be used to order the necessary Novar part.

Table 1. Novar Part Numbers		
PRODUCT	MODEL NO.	PART NO.
UVC Wall-Mount Temperature Sensor	WTS-UVC	736002000

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