

RHS-P installation guide

The RHS-P humidity sensor allows you to monitor humidity up to 100 feet from the control. The RHS-P includes a quick-connect/disconnect sensor (K260050) for easy replacement and 100-foot extension cable (K260350).

You can monitor humidity with the following Phason controls:

- ◆ OMNI Weather Station (OWS)
- ◆ Local Environment Monitor (LEM)
- ◆ Evaporative Cooling Control (ECC-1 and ECC-2)
- ◆ Supra—if your Supra's circuit board does not have jumper **JA1** above the **ANALOG** terminal, you **cannot** use the sensor.

Installing the humidity sensor

Follow the guidelines and instructions below to install the RHS-P.



Switch off the power to the control before installing the humidity sensor.



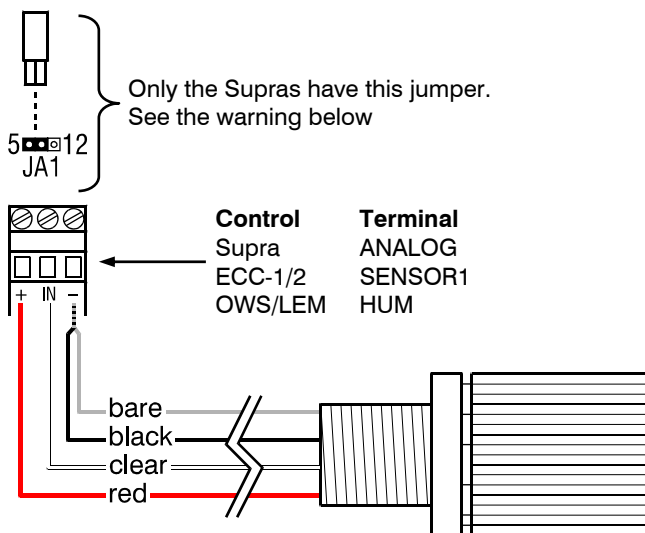
Mount the sensor away from direct moisture or water. Do not let water or any other liquid get into the sensor housing, this will damage the sensor and void the warranty.

- ◆ Mount the sensor with the screened opening facing down.
- ◆ Mount the sensor out of the reach of animals.
- ◆ Do not bend the cable at sharp angles.
- ◆ Do not splice or extend the cable.
- ◆ If you do not need the full 100 feet of cable, do not cut the cable. Instead, coil the cable and hold it in place using tie wraps.

To connect the humidity sensor to the control

Refer to your control's installation guide for terminal block locations.

1. Run the cable to the desired location.
2. Switch off the power to the control.
3. Remove the cover from the enclosure.
4. Insert the cable and strain relief through one of the knockouts.
5. Fasten the strain relief to the enclosure using the strain relief nut.
6. Connect the cable wires to the control as shown below. If you are using a Supra, position the jumper on the pins indicated.



If your Supra's circuit board does not have jumper **JA1** above the **ANALOG** terminal, you **cannot** use the sensor.

Make sure the jumper is on the two left pins before switching on the power to the Supra. If the jumper is not in the correct position when you switch on the power, the sensor will be damaged. This will void the warranty

7. Make sure the strain relief and cable are securely fastened to the enclosure and that all the wires are properly connected to the terminal block.
8. Fasten the cover to the enclosure.
9. Connect the sensor to the extension cable.
10. Switch on the power to the control.

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