

COMMERCIAL TRAINING TOOLBOX TIPS

ComfortSense 7500 Setup – Select Sensor Types

Applies to Lennox ComfortSense 7500 Commercial Thermostats

Helpful Resources

1. Lennoxcommercial.com or LennoxPros.com
2. ComfortSense 7500 Commercial Installation and Setup Guide 507506

Before Setup

1. All thermostat mounting and all wiring connections must be completed prior to setting up the thermostat.
2. Note the type of equipment, number of stages, and any accessories being installed.
3. This thermostat is a 24VAC low-voltage thermostat and requires a common wire to the thermostat to operate.
4. Use 18 gauge or larger thermostat wire between the thermostat and any optional remote temperature sensor (may be separate wire pair or two wires of a multi-wire cable for outdoor temperature sensor).
5. Ensure load from any thermostat connection is less than 1 AMP.
6. Wire run should not exceed 300 feet (91m).



Sensor Terminal Designations

Ti	Remote indoor temperature sensor
Tc	Sensor common terminal
To	Outdoor or discharge air temperature sensor

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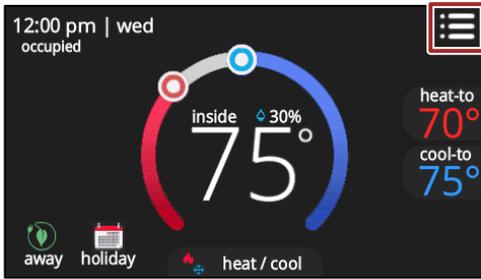


ComfortSense 7500 Setup – Select Sensor Types

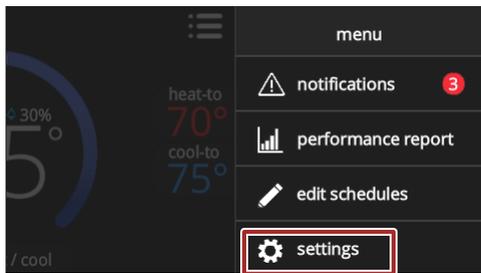
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Setup

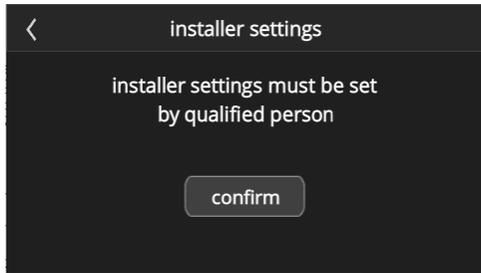
1. Press the Menu option.



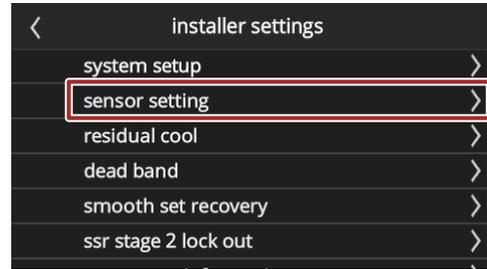
2. Press and hold the settings option.



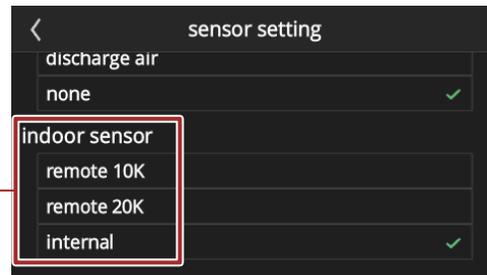
3. Confirm that you are qualified to adjust the controller settings.



4. Press the Sensor Setting option.



5. Press the sensor type.



12" duct probe sensor model 99K64 or 58W63
Select the REMOTE 10K

6" duct probe sensor model 19L22
Select REMOTE 20K

NOTE – When a remote sensor is installed, the remote sensor is the only zone temperature used to control unit operation. There is no averaging between the remote sensor and the thermostat sensor.