

INSTRUCTIONS

TL Thermostat



Specifications:

Thermostat is suitable for electric heating systems.

Power Supply AC 120V / 208V / 244V / 277V

Maximum Power:

2640W @ 120VAC (22A)

4576W @ 208VAC (22A)

5280W @ 240VAC (22A)

6094W @ 277VAC (22A)

Sensing Element: Bimetal

Temperature Operating Range:

41°F-90°F (5°C—32°C)

cETL us listing.



WARNING



READ CAREFULLY - These instructions before proceeding with the installation or use of this thermostat. Save these instructions for future use.

FUNCTIONS AND FEATURES

- 120/208/240/277 Volts
- Both °C & °F control dials included
- Wall mount design— Sits flush against wall
- Single-pole and Double-pole models available
- Fully vented cover allows air sensing in all directions
- Large knob allows easy adjustment to all temperatures
- 90°F (32°C) maximum setting

INSTALLATION INSTRUCTIONS

Warning: Turn OFF the power at the circuit breaker before Installing.

Installation should be performed by a qualified electrician.

Refer to thermostat and heater load specifications before installation of the thermostat to see if it can handle the amp load.

Install unit in a grounded metal or plastic wall junction box, indoors 4 ½ ft. to 5 ft. above the floor. Avoid any area where it can come in contact with external sources of heat and cold. This includes plumbing pipes, direct sunlight, a T.V. set, lamps, and drafts from a door or window, as this may cause inaccurate temperature readings. The most convenient place is above the light switch. Not for Outdoor use.

INSTALLATION INSTRUCTIONS CON'T

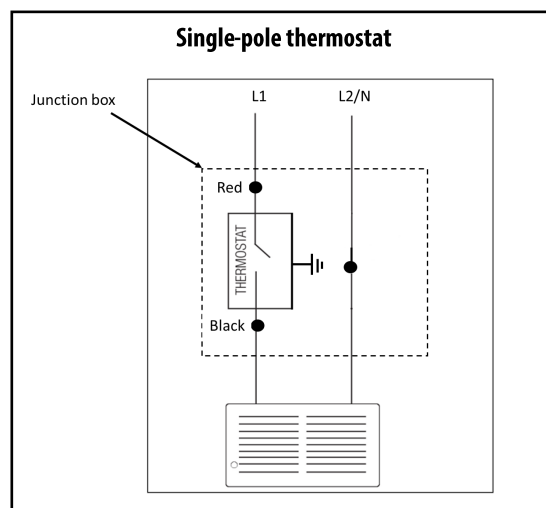


The installation of the thermostat must comply with the applicable local and/or national electrical code and utility requirements. This installation should be performed by a qualified electrician where required by law. Ensure that all wiring connections to the thermostat are correct and tight to prevent electrical shorts. Use the appropriate wire to meet local and national electrical codes for rated power consumption.

WIRING INSTRUCTIONS

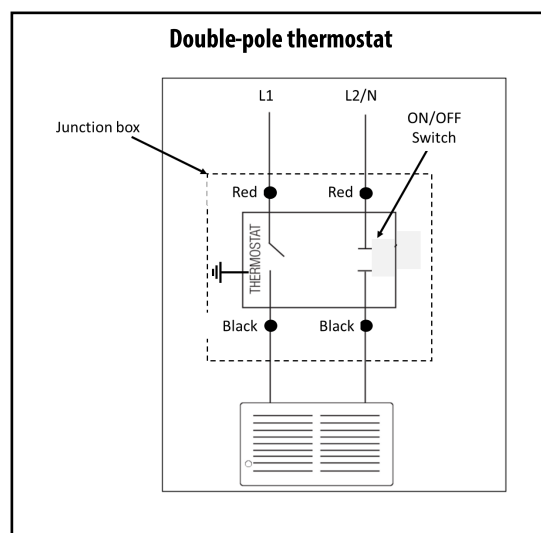
Single-pole Thermostat Installation

1. Disconnect power supply to prevent electrical shock or damage to the product.
2. Run line voltage wiring to the location of the thermostat.
3. Connect the thermostat red LINE lead to L1 line power supply panel.
4. Connect the thermostat black LOAD lead to L1 line lead on the heater.
5. Connect L2/N line to the remaining line of the heater.
6. Secure the ground wire to the ground screw provided in the junction box.
7. Make sure wire connections are tight.
8. Insert wires into the junction box, making sure not to damage wiring.
9. Remove the thermostat cover by grabbing the cover from the sides and pulling it away from base.
10. Mount the thermostat base onto the junction box and secure using the provided screws.
11. Replace thermostat cover.



Double-pole Thermostat Installation

1. Disconnect power supply to prevent electrical shock or damage to product.
2. Run line voltage wiring to the location of the thermostat.
3. Connect the black LOAD leads on the thermostat to the leads on the heater.
4. Connect the red LINE leads on the thermostat to the line leads from the power supply panel.
5. Make sure all connections are tight.
6. Insert wires into the junction box, making sure not to damage wiring.
7. Secure the ground wire to the ground screw provided in junction box.
8. Remove the thermostat cover by grabbing the cover from the sides and pulling it away from base.
9. Mount the thermostat into the junction box and secure using the provided screws.
10. Replace thermostat cover.



GENERAL INFORMATION

TL Thermostat



PRODUCT SETUP AND SETTINGS

To adjust the temperature to your requirements, turn the dial on the thermostat clockwise all the way to turn heater on. When the room reaches the desired temperature, turn the thermostat knob counter clockwise until you hear the click. Leave in this position to maintain the room temperature at this setting. For additional heat, turn clockwise until you hear the click and the heater will turn on.

- Single-pole models—Turning knob fully counter clockwise will set the temperature rating to 41°F (5°C).
- Double-pole models—Turning knob fully counter clockwise will disconnect the power to the heater.

Installation of the °C and °F graduated dials plate.

Align the graduated plate on thermostat control knob using positioning slot and push until the plate is inserted into the knob of the thermostat.

To remove the graduated plate, insert a small flat screwdriver inside one of the slots on the graduated plate and gently lift the plate.