Line Voltage Electric Heater Thermostat
TS321W/TD322W/TS521W/TD522W
Series

FEATURES
Clean, attractive style suits any decor
Wall-mount design sits flush against wall
Includes both C and F control dials

SPECIFICATIONS
Electrical Ratings:
- 0 - 2640 watts max. at 120 volts (22 amps)
- 0 - 4576/5280 watts at 208/240 volts (22 amps)
Sensing Element: Bimetal
Temperature Operating Range: 0 - 4986 watts at 277 volts (18 amps)
0 - 4576/5280 watts at 208/240 volts (22 amps)

![Figure 1 - Cover](image1)

**Recycling Notice**
At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

**Installation Instructions**
Mounting: Mounts directly into a standard 2 x 4 inch vertical electrical outlet box

**SINGLE POLE THERMOSTAT INSTALLATION**

**WARNING:** The installation of the thermostat must comply with the applicable Local Electrical Codes and utility requirements. This installation should be entrusted to duly qualified personnel as required by law.

**WARNING:** 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.
1. Disconnect power supply to prevent electrical shock or product damage
2. Run line voltage wiring to the thermostat location
3. Do not remove the thermostat cover

![Figure 2 - Single Pole Thermostat](image2)

**Figure 3 - Double Pole Thermostat**

![Figure 3 - Double Pole Thermostat](image3)

![Figure 4 - Operation](image4)

4. Connect the red LINE lead on the thermostat to the leads on the heater.
5. Connect the red LINE lead on the thermostat to the line leads from the power supply panel.
6. Ensure that all connections are tight.
7. Insert wires into the outlet box taking care not to damage the sensing device or wiring.
8. Secure the ground wire to the ground screw provided in the outlet box.
9. Remove the thermostat cover by grasping the cover by the sides and pulling it away from the thermostat base.
10. Mount the thermostat into the wall box and secure using the two supplied screws.

**Operation**

To adjust the temperature to your individual requirements, turn the thermostat control clockwise all the way to turn on the heater (Figure 4). When the room reaches the desired temperature, turn the thermostat knob counter clockwise until you hear a click. Leave in this position to maintain the room temperature at this setting. For additional heat, turn clockwise until you hear the click again and the heater will turn on.

For single pole models: Turning the knob fully clockwise will set the temperature rating to 5°C (41°F).

For double pole models: Turning the knob fully counter clockwise will disconnect the power to the heater.

**INDEX PLATE REMOVAL (Figure 5)**

Using a small flat screwdriver or other suitable tool gently pry up on one of the slots located on the index plate. To install line up the index plate pins with the holes in the thermostat knob and push until the index plate is flush with the thermostat knob.

![Figure 5 - Index Plate](image5)

4. Connect the black LOAD leads on the thermostat to the leads on the heater.
5. Connect the red LINE lead on the thermostat to the line leads from the power supply panel.
6. Ensure that all connections are tight.
7. Insert wires into the outlet box taking care not to damage the sensing device or wiring.
8. Secure the ground wire to the ground screw provided in the outlet box.
9. Remove the thermostat cover by grasping the cover by the sides and pulling it away from the thermostat base.
10. Mount the thermostat into the wall box and secure using the two supplied screws.

**NOTE:** Do not overtighten mounting screws
11. Replace thermostat cover.

**LIMITED WARRANTY:** All Dimplex Thermostats are warranted against defects in workmanship and materials for five years from the date of sale. This warranty does not apply to damage from accident, misuse, or alteration, nor where the connected voltage is more that 5% above the nameplate voltage, nor to equipment improperly installed or wired or maintained in violation of the instruction sheet. This limited warranty applies only to purchases made in any province of Canada except for Yukon Territory, Nunavut, or Northwest Territories or in any of the 50 States of the USA (and the District of Columbia) except for Hawaii and Alaska. This limited warranty applies to the original purchaser of the product only and is not transferable. No other written or oral warranty applies. No employee, agent, dealer or other person is authorized to give any warranties on behalf of Dimplex. The customer shall be responsible for all costs incurred in the removal or reinstallation and shipping of the product for repairs. Within the limitations of this warranty, inoperative units shall be returned to the nearest Dimplex authorized service center, and we shall repair or replace, at our option, at no charge to you with return freight paid by Dimplex. It is agreed that such repair or replacement is the exclusive remedy available from Dimplex and that Dimplex IS NOT RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGE. Some States do not allow the exclusion or limitation of consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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