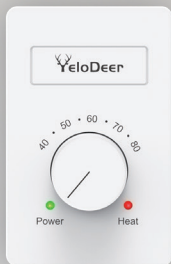




ELECTRIC HEATING THERMOSTAT

INSTRUCTION MANUAL



SCAN FOR SUPPORT

- 📞 At Your Service
- 🌐 Web: www.yelodeer.com
- ✉ Email: yelodeer@yelodeer.com

To Be the **#1 HEATING CABLE BRAND** for Homes

Product Overview

This thermostat is designed for controlling electric resistance heating systems such as:

- Electric baseboard heaters
- Wall heaters
- Fan-forced heaters

Key Features

- Compatible with 120V / 208V / 240V systems
- Easy manual operation with rotary knob
- Dual indicator lights (Power / Heating)
- Single-pole control

Technical Specifications

- Voltage: 85–265V AC, 50/60Hz
- Max. Load: 20A (resistive)
- Temperature Range: 40°F – 80°F (4.4°C – 26.7°C)
- Wire Type: Copper only, Max. 12 AWG
- Dimensions: 4.6 × 2.9 × 1.0 in



IMPORTANT SAFETY INFORMATION

This is a line-voltage thermostat. Installation involves high voltage.

- Turn OFF power at the circuit breaker before installation
- Use copper conductors only
- Maximum conductor size: 12 AWG
- Installation should be performed by a qualified electrician if unsure

Important: This is a single-pole thermostat designed to interrupt the LINE (live) conductor when wired correctly. If not wired as specified, voltage may still be present in the heater even when the thermostat is set to OFF.

Always turn OFF power at the circuit breaker before installation or servicing.

Compatibility Check



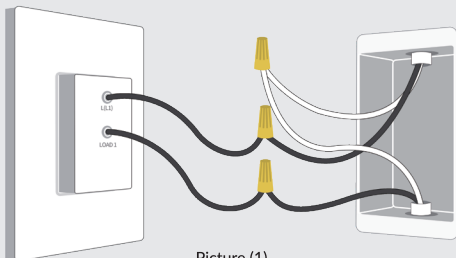
(VERY IMPORTANT)



Compatible

1. Old thermostat with 2 wires (most common)

- The thermostat itself has only 2 wires connected
- BUT additional wires are present inside the wall box (connected with wire nuts)



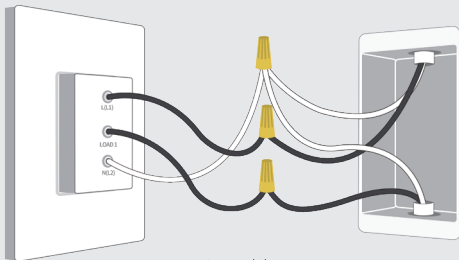
Picture (1)



This thermostat **CAN be** used as a replacement

2. Old thermostat with 3 wires

- Typically includes 2 control wires + 1 additional reference/power wire
- Wall box usually still contains full wiring set



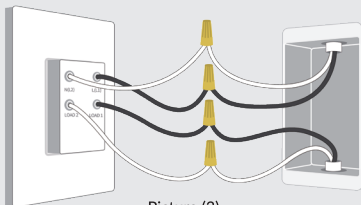
Picture (2)



This thermostat **CAN be** used as a replacement

3. Old thermostat with 4 wires

- Separate supply (LINE) and heater (LOAD) wires already present



Picture (3)

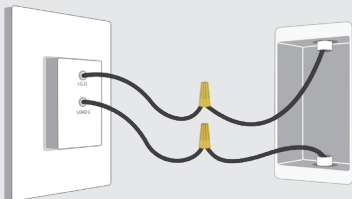


This thermostat **CAN** be used as a replacement

✗ Not Compatible

Only 2 wires exist in total inside the wall box

- No additional wires available
- No separate LINE and LOAD wiring



This thermostat **CANNOT** be used in this setup

Remove Existing Thermostat

1. Turn OFF power at the circuit breaker
2. Remove the front cover of the existing thermostat (do not force open)
3. Unscrew mounting screws and gently pull the thermostat forward
4. Take a clear photo of all wiring connections before disconnecting
5. Label wires if necessary (LINE / LOAD if known)
6. Disconnect wires one at a time and keep them separated



Notes:

- Different thermostat models may open differently. Do not pry aggressively.
- Additional wires may be present inside the wall box and connected with wire nuts. Inspect carefully.
- If you are unsure about any step, consult a qualified electrician.

Wiring Instructions

This thermostat supports both 120V and 240V systems.



Important:

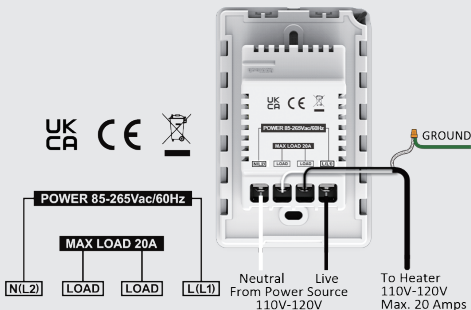
- Identify LINE (power supply) and LOAD (heater) wires correctly
- Incorrect wiring may cause malfunction

WIRING

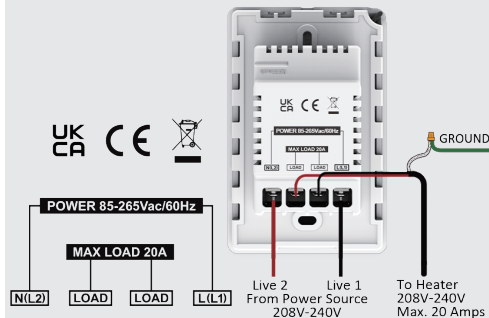
Connection details:

- Connect Neutral from power supply to thermostat terminal (N / L2)
- Connect Live from power supply to thermostat terminal (L / L1)
- Connect heater wires to thermostat terminals (LOAD)
- Connect the heater ground wire to the supply ground wire inside the wall box. (ground wires are usually green or bare copper)

120V Wiring:



240V / 208V Wiring



Install Thermostat

1. Connect wires according to diagram
2. Ensure wires are properly stripped, fully inserted, and securely tightened
3. Insert wires into wall box
4. Fix thermostat with screws
5. Attach front cover

Operation

- Turn knob clockwise → increase temperature

- Turn knob counter-clockwise → decrease temperature

Indicator Lights

- Power Light: thermostat powered
- Heat Light: heater is operating

Troubleshooting

No Heat

- Check breaker is ON
- Check all wiring connections are secure
- Verify LINE and LOAD wires are correctly connected

Heater Always On

- Check wiring connections
- Turn knob to minimum setting to test
- Ensure thermostat is not bypassed during wiring

Thermostat Not Responding

- Check power supply
- Verify correct voltage (120V / 208V / 240V)
- Recheck wiring configuration

Power Light Not On

- Check breaker and power supply
- Verify LINE wires are correctly connected
- Ensure wires are firmly secured in terminals



Important Safety Instructions



Electrical Safety

- Turn OFF power at the circuit breaker before installation
 - Ensure the power supply matches the rated voltage of the thermostat
 - Do not exceed the maximum load rating (20A resistive)
 - Use copper conductors only
-



Installation Safety

- Installation must comply with local electrical codes
 - If you are not familiar with electrical wiring, consult a licensed electrician
 - Ensure all connections are secure and properly insulated
 - Do not install in wet or damp locations
-



Usage Warnings

- For indoor use only
- Do not use with systems exceeding the rated capacity
- Improper installation may result in fire or electric shock



PLUG IN·HEAT UP



SCAN FOR SUPPORT

To Be the **#1 HEATING CABLE BRAND** for Homes