

TH450 Non-Programmable Electronic Wall Thermostat

Baseboards, Radiant Ceiling,
Convectors & Fan-Forced
Heaters

This compact non-programmable thermostat delivers exceptional accuracy and silent operation, and is ideal for small spaces

MODEL & RATINGS

TH450	2000 W @ 120 VAC	16.7 AMPS RESISTIVE	60 Hz	2 wires / SPST
	4000 W @ 240 VAC	16.7 AMPS RESISTIVE	60 Hz	2 wires / SPST
	<i>(min. 1.25 amp load)</i>			



TH450 Thermostat

SPECIFICATIONS

TEMPERATURE CONTROL

Microprocessor-optimized PIA

Heating Cycles: 15 seconds or 5 minutes

Accuracy: $+/- 0.15^{\circ}\text{C} / 0.27^{\circ}\text{F}$ (15-sec. cycles)
 $+/- 0.5^{\circ}\text{C} / 0.9^{\circ}\text{F}$ (5-min cycles)

SWITCHING ACTION

TRIAC: Silent Operation

TEMPERATURE SETTING

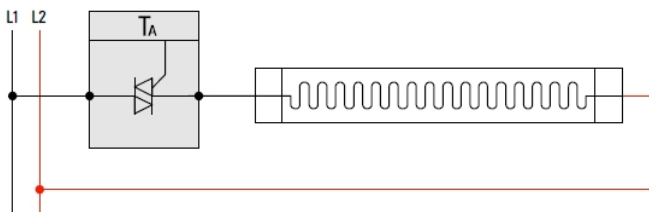
Manual

$^{\circ}\text{F}$ or $^{\circ}\text{C}$ - User Selectable

DIMENSIONS (H x W x D)

5.0" x 5.0" x 1.42" / 127 mm x 127 mm x 36 mm

INSTALLATION



T_A = Ambient Temperature

FEATURES

Minimum load means thermostat can control smaller baseboards (example: 2'-0" baseboard)

Slim, compact design—ideal for installation in small spaces

Temperature lock limits minimum and maximum setpoints - **Keypad lock** also inhibits keypad usage

Compatible with fan-forced heaters

2-wire non-polarized connection means fast, hassle-free installation

On-screen heating power indicator gives at-a-glance verification of power being used

Ultimate temperature control—the most accurate type of thermostat on the market ($+/- 0.15^{\circ}\text{C} / 0.27^{\circ}$)

Battery free

The advantages of Triac switching

Although the TH450 is non-programmable, its TRIAC precision still saves up to 10% on your heating bill. Here's how:

- Unsurpassed precision eliminates temperature swings
- No temperature swings means you are comfortable at a lower set point
- Comfort at a lower set point saves money on heating bills

