

## OWNER'S MANUAL

# °STELPRO

NON-PROGRAMMABLE ELECTRONIC THERMOSTAT  
FOR BASEBOARDS AND CONVECTORS

ST252NP ST302NP ST402NP



1-844-STELPRO  
WWW.STELPRO.COM

## IMPORTANT INSTRUCTIONS

THE THERMOSTAT MUST BE INSTALLED BY A CERTIFIED ELECTRICIAN.

Connect the thermostat to a 120 to 240 VAC power source ONLY and comply with load limits.

### WARNING – HIGH VOLTAGE

Turn off the power supply before installation and maintenance. Leave at least 12 in. (30 cm) clearance around the thermostat to ensure that it is properly vented.

## SAVE THESE INSTRUCTIONS

## TECHNICAL SPECIFICATIONS

### VOLTAGE AND LOAD

PRODUCT CODE	SUPPLY VOLTAGE	LOAD AT 120 V	LOAD AT 240 V
	VOLTS	WATTS	WATTS
ST252NP	120-240	150-1250	300-2500
ST302NP		150-1500	300-3000
ST402NP		150-2000	300-4000

Load control type	Resistive
Frequency	60 Hz
Storage temperature	-40°C to 50°C (-40°F to 122°F)
Operating temperature	-20°C to 50°C (-4°F to 122°F). LC display less effective below 0°C (32°F)
Humidity	5% to 98% without condensation
Action	Type 1.Y
Pollution degree	2
Software	Class A
Rated impulse voltage	Category II (1500 V)
Independently mounted control for surface mounting	
Thermistor used as a sensor, carries no load current	
Overload protection device external to the control: circuit breaker (refer to local electrical code)	

## BEFORE YOU GET STARTED

- The box contains one (1) thermostat with mounting plate, two (2) mounting screws, two (2) twist-on wire connectors and one (1) owner's manual.
- To install this thermostat, you will need a #2 Phillips screwdriver.
- Install your thermostat about 5 ft (1.5 m) from the floor on an inside wall facing the heating system.

EN1

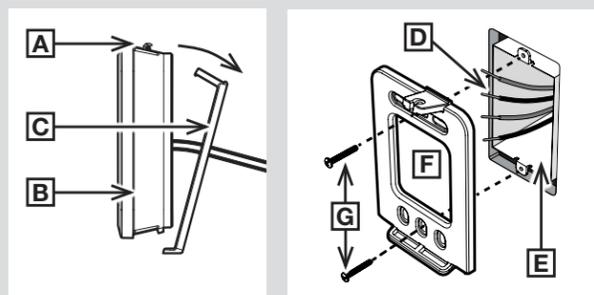
## INSTALLATION

### 1 ATTACH THE MOUNTING PLATE

#### WARNING

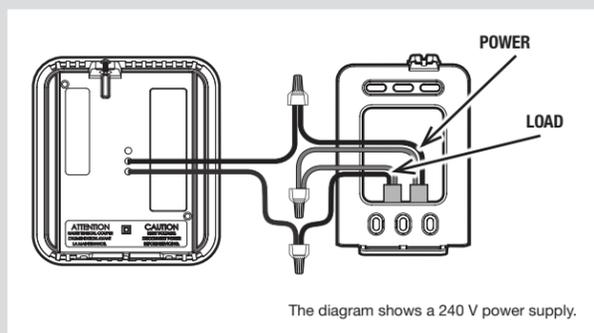
Turn off the power supply.

- Loosen the screw [A] at the top of the thermostat [B] without removing it.
- Separate the mounting plate [C] from the thermostat. Pull the top of the plate and rotate it as shown.
- Take the power wires [D] out of the junction box [E] and run them through the large opening in the center of the mounting plate [F].
- Using the two (2) mounting screws provided [G], attach the thermostat mounting plate to the junction box [E]. The plate can be centered on the junction box or shifted to the left or right.



### 2 CONNECT THE POWER SUPPLY WIRES

- Complete the thermostat's electrical connection according to the diagram below. Tighten the wires securely in the supplied wire connectors.
- Push the wires and connectors into the electrical box.



#### WARNING

Incorrectly connected electrical wires could result in a fire hazard.

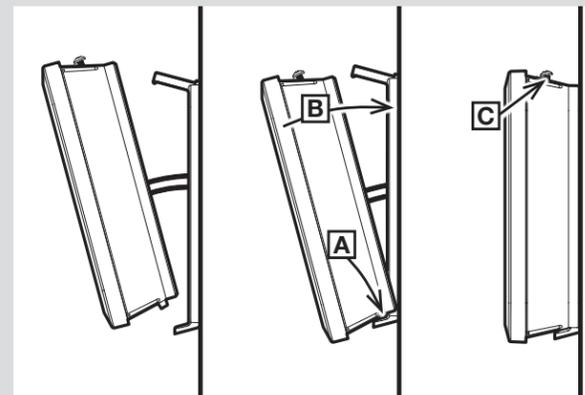
NOTE: If the electrical wires are aluminum, use CO/ALR connectors instead (not supplied).

EN2

## INSTALLATION – CONT'D

### 3 ATTACH THE THERMOSTAT

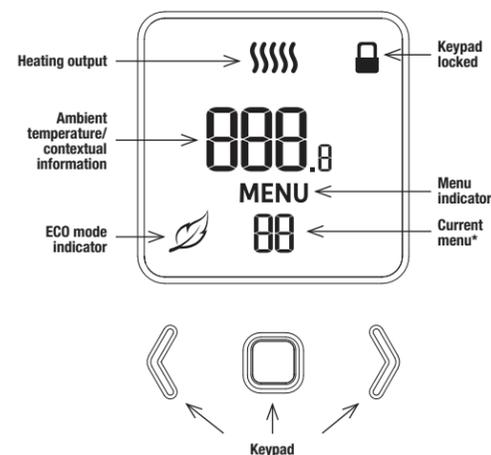
- Using the alignment guide, hook the bottom [A] of the thermostat into the bottom of the plate. Be sure not to jam the wires between the thermostat and mounting plate.
- Rotate the thermostat upwards [B] and attach it on the top hook of the mounting plate.
- Tighten the screw at the top of the thermostat [C] to hold it in place securely.
- Restore the power at the circuit breaker.



NOTE: If you need to remove the thermostat, follow step 1 in section 1, then use a straight screwdriver to unhook it from the top of the mounting plate.

## INTERFACE

This is a non-programmable thermostat. The temperature setpoint remains constant unless you change it.



\*Displays only when using the advanced menus.

Touch the keypad once to activate the backlight, then you can make changes.

EN3

## INITIAL SETTINGS

To begin with, follow the on-screen instructions to adjust your thermostat's settings. Press or to change your selection and to confirm.

- Temperature format: °C / °F (Celsius / Fahrenheit)
- ECO mode setpoint temperature (5°C to 30°C / 41°F to 86°F). By default, the ECO mode setpoint is 17°C / 63°F.

Your heating needs may vary according to the season and even the time of day. To meet your needs, this thermostat is equipped with two distinct modes: ECO and COMFORT. You can switch from one mode to another by simply pressing . ECO mode saves you money by providing a more energy-efficient setpoint temperature when you're sleeping or away from home.

YOUR THERMOSTAT IS NOW READY TO USE!

## FEATURES

### KEY FEATURES

- Press or once to lower or raise the setpoint temperature by 0.5°C / 1°F. The setpoint temperature will remain at this value until it is changed. **Note:** If you change the setpoint temperature while in ECO mode, the thermostat will switch to COMFORT mode.
- Press once to switch from ECO mode to COMFORT mode and vice versa.

### ADVANCED MENU ACCESS AND USE

- Press and hold for three (3) seconds to access the thermostat's advanced menus.
- Press or to change your selection.
- Press to confirm your selection and proceed to the next menu.
- Press and hold for three (3) seconds to exit the advanced menus.

### ADVANCED MENUS LIST

- Menu 10** – Temperature format: °C / °F (Celsius / Fahrenheit)
- Menu 20** – ECO mode setpoint temperature (5°C to 30°C / 41°F to 86°F). By default, the ECO mode setpoint is 17°C / 63°F.
- Menu 30** – Keypad lock: ON / OFF (Lock / Unlock keypad)
- dEF** – Reset thermostat to default values: N / Y (No / Yes)

## °STELPRO LIMITED WARRANTY

Limited three-year warranty. See details on [www.stelpro.com](http://www.stelpro.com).