FloorHeat STEP Touch Thermostat Data Sheet

GENERAL PRODUCT INFORMATION

The new STEP Touch® electronic thermostat is a zone control device specially designed for use with the low-voltage radiant heat system. The Touch thermostat provides a pulsed output that complements the self-regulating nature of the low-voltage heating elements to offer the homeowner the highest energy efficiency while providing better zoned control and personal comfort.

Features Include:

- Clean, simple two control design for ease of operation
- Three digit auto-dimmable LED display
- Maintenance free touch sensor controls
- Clear, flat acrylic surface for a clean contemporary look that works well with any décor
- Elegant stainless steel perimeter housing
- Displays in Fahrenheit or Celsius
- Interfaces to an external temperature sensor
- Works with heated floors, snowmelt and roof de-icing systems
- Standard colors: black and white. Custom colors are available at an additional cost.
- Capable of interfacing with smart home systems
- No batteries needed. All settings are stored in permanent memory for instant recovery in the event of a power failure
- The STEP logo is lit when system is heating
- Green friendly, low power design



The thermostat is the operator interface for the radiant floor heating system. It is designed to be flush wall mounted in a place that will be most representative of the zone it controls.

The thermostat consists of a digital display that indicates the measured air temperature or set temperature. The display also includes touch sensitive switches for control of the set point, the air temperature sensor and indicators for the external sensor mode, snowmelt mode (for external applications) and logo illumination for when the system is heating.

FloorHeat STEP Touch Thermostat Mechanical Features

External (Front)	3 Digit Auto-Dimmable LED Display (e.g.: 70° F) UP Touch Switch (not membrane switch) DOWN Touch Switch (not membrane switch)
External (Rear)	3 Position Terminal Block (AC/DC, TRG, COM) 6 position 6 Contact Modular Jack
Internal (DIP switch)	Fahrenheit/Celsius Switch (C/F) AutoDim Switch (DIM) External Temperature Sensor Mode Switch (EXT) Snowmelt Mode Switch (SM)

STEP Touch Thermostat Specifications

Normal Operation	The Touch digital display indicates the measured room temperature during normal operation
Set Temperature Range	40° to 90˚F (4° to 32˚C)
Internal Ambient Temp Range	0° to 99˚F (-9° to 37˚C)
External Sensor Temp Range	0° to 99˚F/ (-9° to 37˚C)
Snow Melting Mode Set Temp Range	32°-41˚F (0°-5˚C)
Power	9-24V AC/DC @ <10mA (without external temperature sensor)

Fig. 1: ***Thermostat Features***

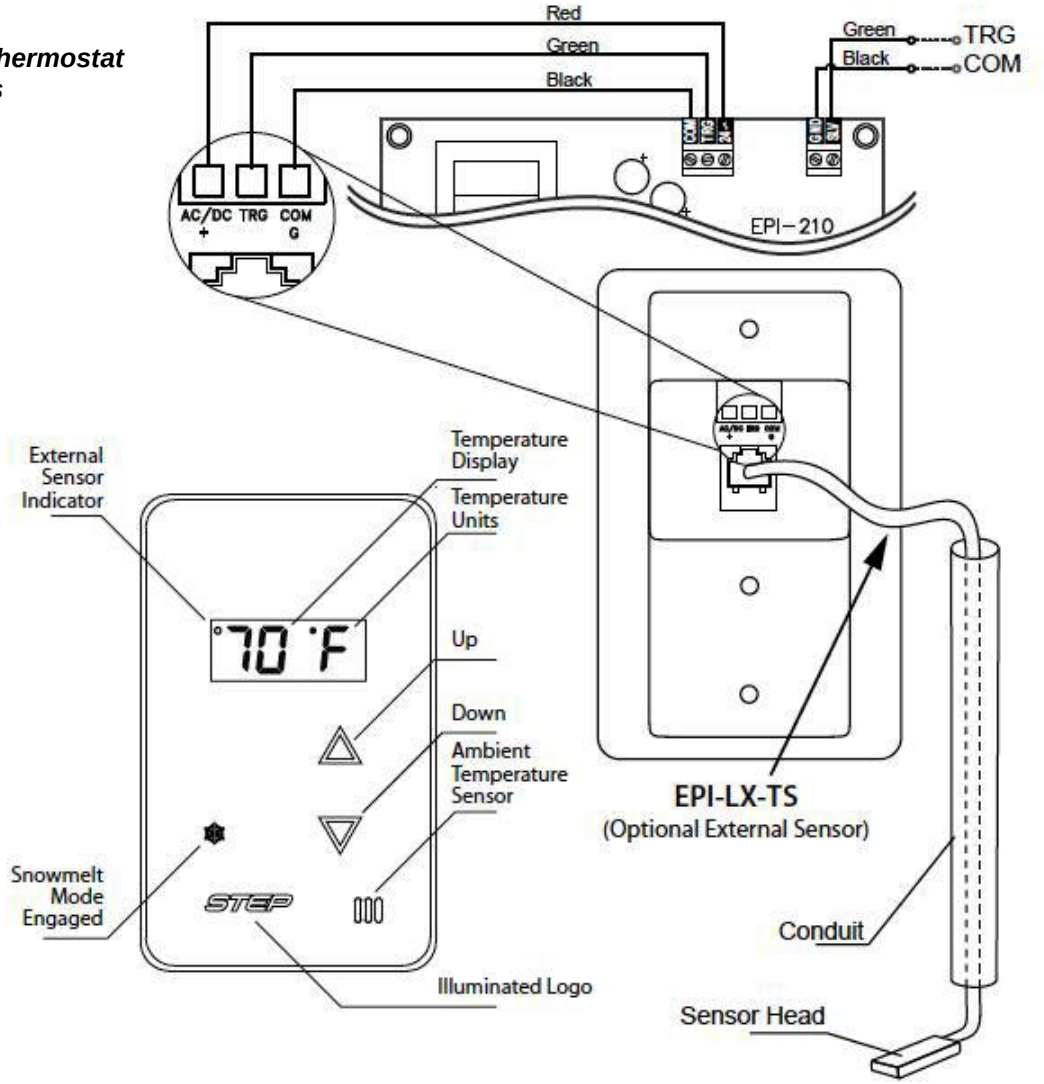
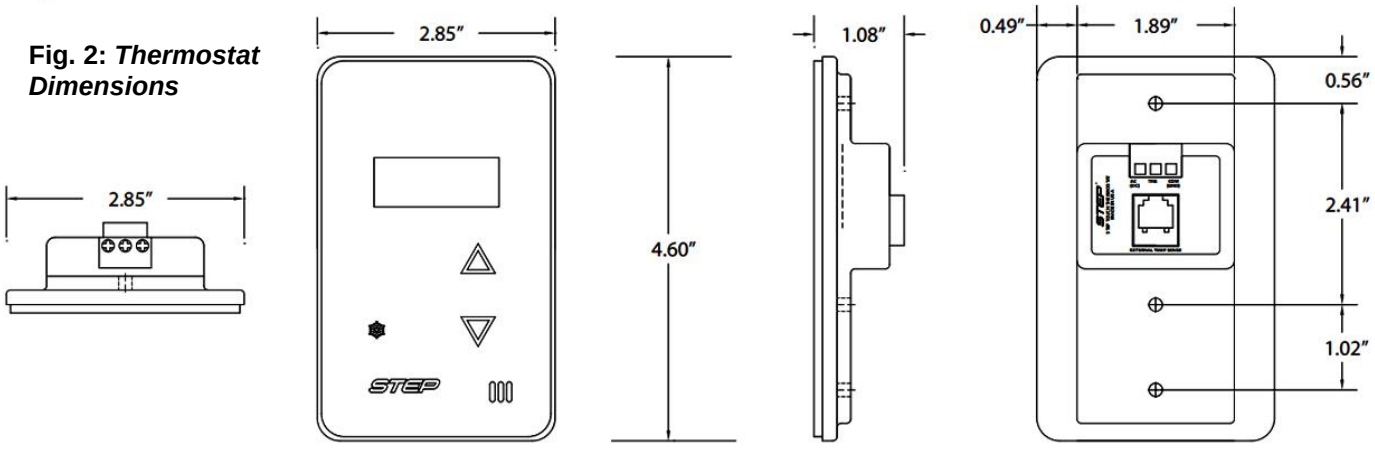


Fig. 2: ***Thermostat Dimensions***



WARRANTY INFORMATION

FloorHeat STEP Thermostat: 2-year limited warranty.

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