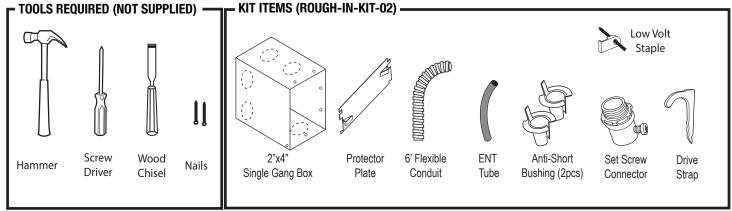


### Floor Heating Application

### Electrical Install Kit with Conduit Installation

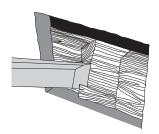


This kit contains enough conduit for protection of line voltage wires.

If your local code requires conduit to protect low voltage wires, contact WarmlyYours for kit ROUGH-IN-KIT-03.

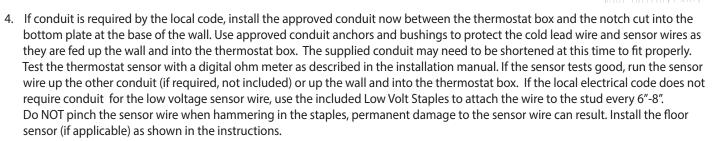
#### PLEASE CONSULT YOUR LOCAL CODE AUTHORITY FOR REQUIREMENTS.

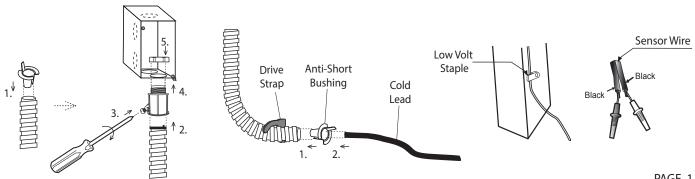
- 1. Have an electrician supply power to the thermostat box location with a dedicated, 20 Amp 120V or 240V circuit (determined by the voltage of the product ordered), controlled by a non-GFCI breaker.
- 2. Place the 2"x4" single gang box against a stud, approximately 50 inches above the floor. Hammer two, box-mounting nails through the box into the stud. Break the tabs/knockouts at the applicable location of the box and insert the power supply wires and/or conduit into and through the conduit knock-outs.

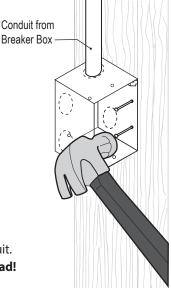


3. The sill plate or bottom plate of the wall may need to be notched with a wood chisel directly below the location of the thermostat to allow placement of the conduit for the coldlead and sensor (if required). There should be a conduit for the cold lead and a separate conduit for the sensor if the local code requires low voltage wires be protected by conduit.

Never run the sensor wire in the same conduit as the cold lead!



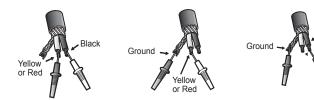


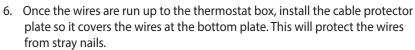


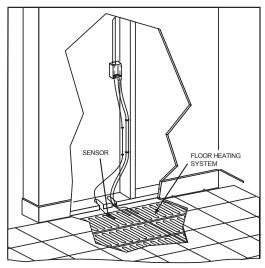


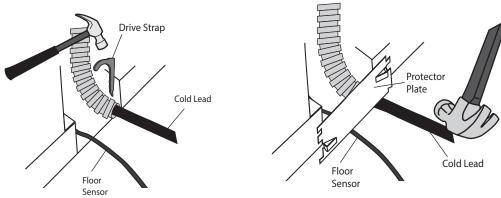
# Floor Heating Application Electrical Install Kit with Conduit Installation

5. Once the electric radiant heating system has been installed, test the system with a digital ohm meter as described in the installation manual. If the system tests good, run the cold lead up the conduit and into the thermostat box.

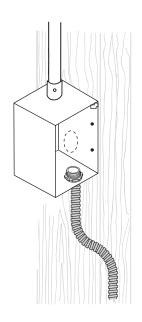


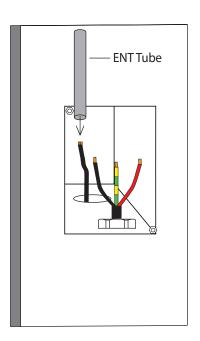






7. Place the smurf/ENT tube over the sensor wire to protect it from the high voltage wires.

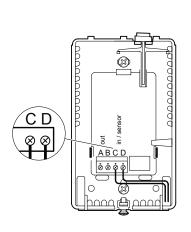


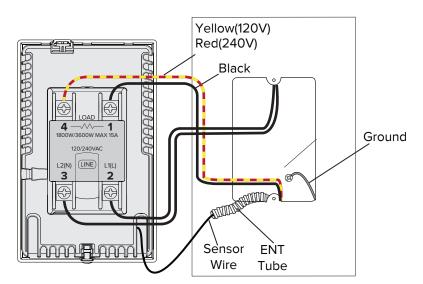




## Floor Heating Application Electrical Install Kit with Conduit Installation

8. Make connections to line and load wires at the back of the thermostat. Place sensor wires into and through the side hole of the thermostat's power base. Attach the sensor wires to the front of the thermostat's power base.





 Place the thermostat into the single gang box and line up all of the holes. Use the included screws to attach the power base to the box.
 Center and level the thermostat and then tighten the screws to hold the unit in place. Install thermostat's faceplate onto the power base.

