



1. Set the Thermostat Operation Mode Switches

Remove the faceplate from the base unit and locate the three switches on the rear of the faceplate. For proper operation of the display and the floor warming system, all three switches should be in the UP position. Refit the faceplate.

2. Set the Day and Time

Open the side panels on the thermostat and put the **On/Standby** switch to **On**. Press the **Day** button as many times as necessary to set the thermostat to the correct day.

Press the **Hour** and **Min** buttons to set the correct time. (PM hours are displayed with PM to the left of the time. There is no such annotation for AM).

3. Program the Time Settings

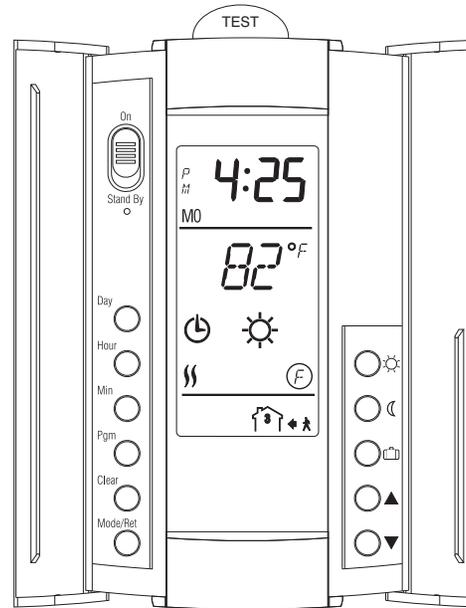
Unless you want to leave your thermostat on the same temperature 24/7, you will need to set-up warming periods. You may program up to four periods per day.

As a default, this thermostat is set to perform two warming periods Monday – Friday (6:00am – 8:30am & 5:00pm – 11:00pm), and one warming period Saturday and Sunday (6:00am – 11:00pm). To modify this schedule, you will need to enter the Programming mode.

1. Press **Pgm**. The screen will show a house with the number 1 inside (🏠). This is the start of the first warming period.
2. To program the same settings for every day of the week, press and hold **Day** for 3 seconds. All 7 days will then appear on the screen.
3. Use the **Hour** and **Min** buttons to select the start time of the first warming period (default 6:00am).
4. Press **Pgm** to show the second house with the number 2 inside (🏠).
5. Use the **Hour** and **Min** buttons to select the end time of the first warming period (default 8:30am). If you only require one period each day, you will skip this setting by pressing the **Clear** button.
6. Press **Pgm** to show the third house with the number 3 inside (🏠).
7. Use the **Hour** and **Min** buttons to select the start time of the second warming period (default 5:00pm). If you only require one warming period each day, you will skip this setting by pressing the **Clear** button.
8. Press **Pgm** to show the fourth house with the number 4 inside (🏠).
9. Use the **Hour** and **Min** buttons to select the end time of the second heating period (default 11:00pm).
10. Press the **Mode/Ret** button to show the Clock icon (🕒), indicating the thermostat is now in Automatic Mode.

4. Set the Comfort and Economy Temperatures

During the programmed periods, the thermostat will operate at the Comfort temperature (☼). Between the programmed periods, the thermostat will set the temperature back to the Economy temperature (☾).



The default Comfort setting is a floor temperature of 82 °F. To modify this temperature, use the **Up** (▲) and **Down** (▼) buttons to reach the desired temperature, and immediately press and hold the **Comfort** (☼) button for 3 seconds. After another 5 seconds, the current floor temperature will again be displayed.

The default Economy setting is a floor temperature of 68 °F. To modify this temperature, use the **Up** (▲) and **Down** (▼) buttons to reach the desired temperature, and immediately press and hold the **Economy** (☾) button for 3 seconds. After another 5 seconds, the current floor temperature will again be displayed.

5. Recommendations

The commonly preferred Comfort temperature is between 80 °F and 85 °F. If you choose an Economy temperature that is much lower than the Comfort temperature, the thermostat will take longer to reach the Comfort temperature.

An Economy temperature of between 70 °F and 75 °F will ensure that the thermostat will return quickly to the Comfort temperature while using relatively little electricity. Every installation is different (subfloor, flooring, insulation, perceived comfort level), and it is up to the end user to find their most favorable settings.

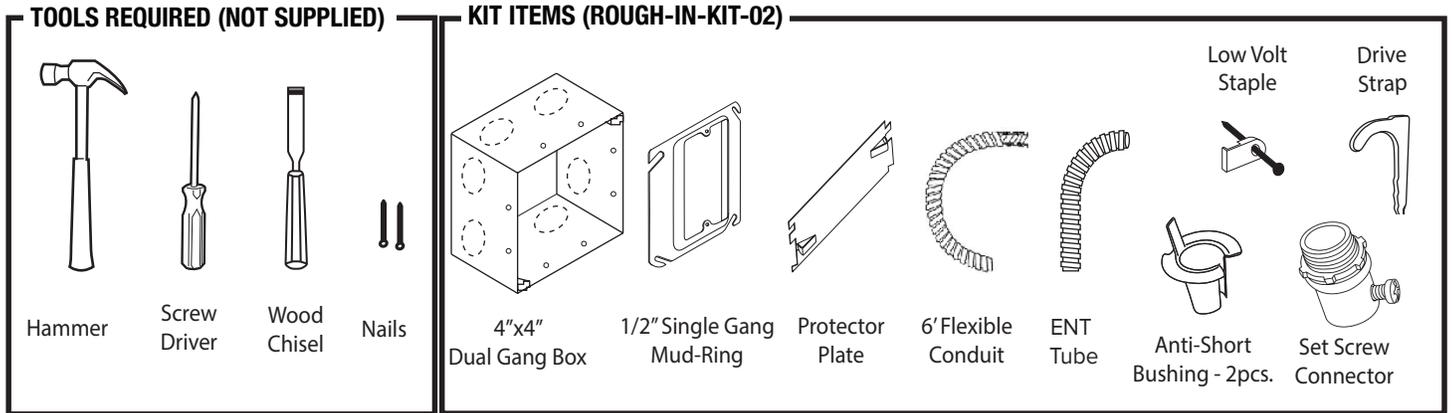
6. Manual and Automatic Modes

The thermostat can be switched between Manual and Automatic modes by pressing the **Mode/Ret** button. Manual mode is indicated by the hand (👉) icon, and Automatic mode is indicated by the clock (🕒) icon. Time and Temperature settings will only be respected in the Automatic (🕒) mode.

In Manual (👉) mode, the thermostat will hold the temperature constant at whatever level it has been set with the **Up** (▲) and **Down** (▼) buttons.

For further information or for personalized assistance in setting your thermostat, please call WarmlyYours at (800) 875-5285.



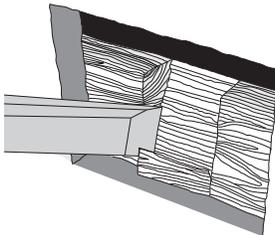


This kit contains enough conduit for protection of line voltage wires.

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

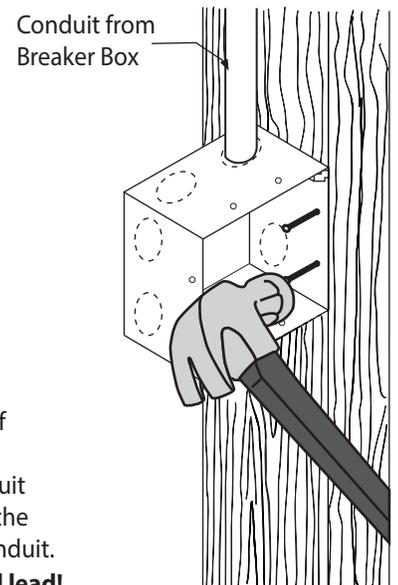
PLEASE CONSULT YOUR LOCAL CODE AUTHORITY FOR REQUIREMENTS.

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 4"x4" dual gang box against a stud, approximately 50 inches above the floor. At this time, it is important to know the thickness of the drywall that will be installed. The box needs to be mounted so that the raised portion of the single-gang mud-ring that will be placed onto the box will be flush with the final wall surface. Once that depth is determined, 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.

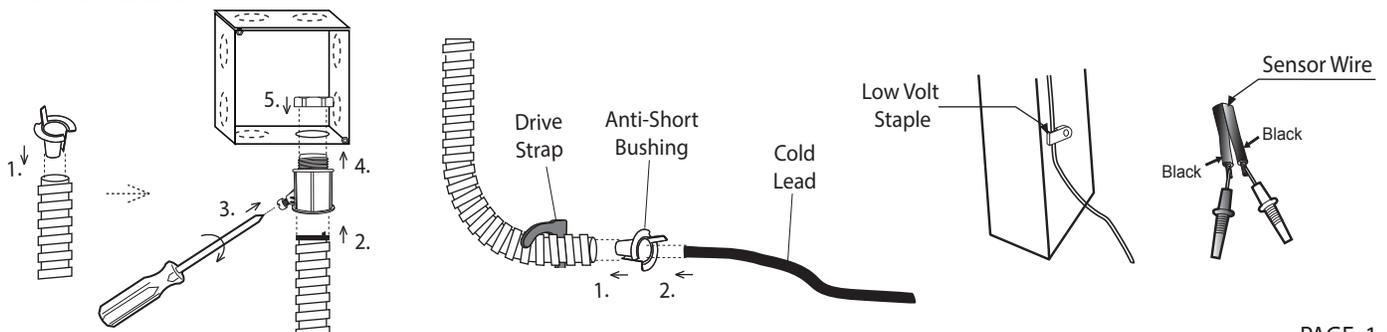


3. The sill plate or bottom plate of the wall may need to be notched with a wood chisel directly below the location of the thermostat to allow placement of the conduit for the coldlead and sensor (if required). There should be a conduit for the cold lead and a separate conduit for the sensor if the local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

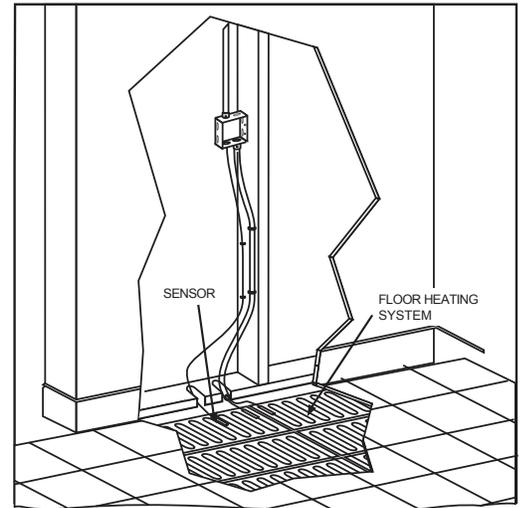
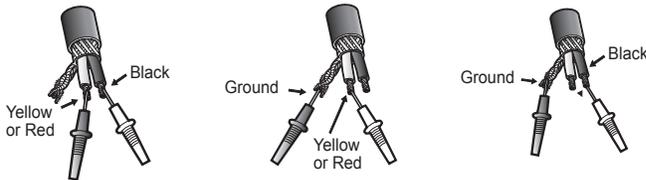
Never run the sensor wire in the same conduit as the cold lead!



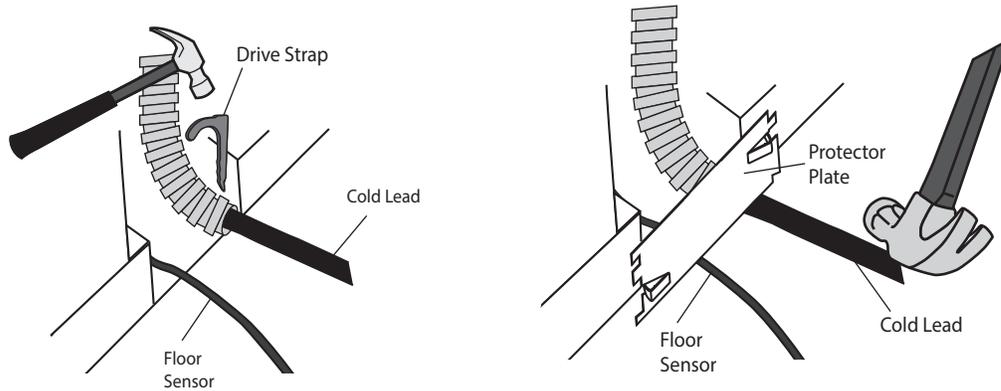
4. If conduit is required by the local code, install the approved conduit now between the thermostat box and the notch cut into the bottom plate at the base of the wall. Use approved conduit anchors and bushings to protect the cold lead wire and sensor wires as they are fed up the wall and into the thermostat box. The supplied conduit may need to be shortened at this time to fit properly. Test the thermostat sensor with a digital ohm meter as described in the installation manual. If the sensor tests good, run the sensor wire up the other conduit (if required) or up the wall and into the thermostat box. If the local electrical code does not require conduit for the low voltage sensor wire, use the included Low Volt Staples to attach the wire to the stud every 6"-8". Do NOT pinch the sensor wire when hammering in the staples, permanent damage to the sensor wire can result. Install the floor sensor (if applicable) as shown in the instructions.



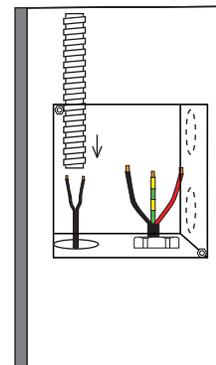
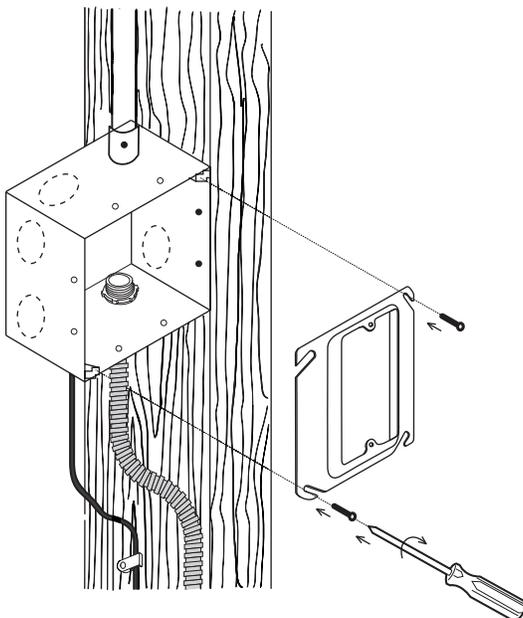
5. Once the electric radiant heating system has been installed, test the system with a digital ohm meter as described in the installation manual. If the system tests good, run the cold lead up the conduit and into the thermostat box.



6. Once the wires are run up to the thermostat box, install the cable protector plate so it covers the wires at the bottom plate. This will protect the wires from stray nails.

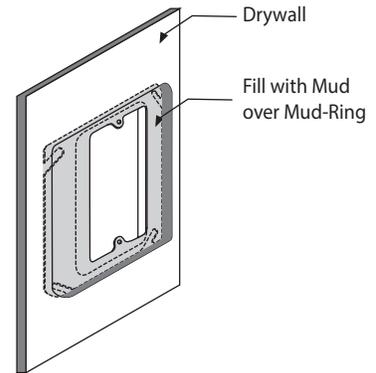


7. Place the smurf/ENT tube over the sensor wire to protect it from the high voltage wires.

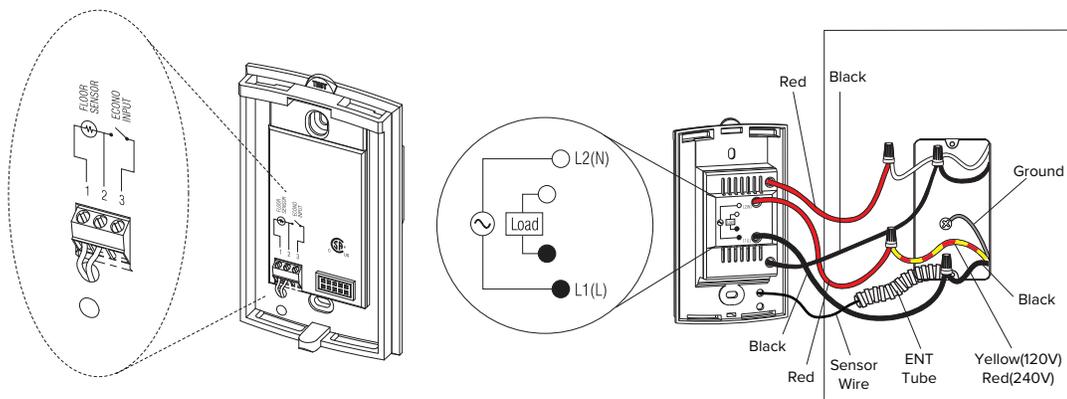


8. Install the single gang mud-ring at this time. Verify that the drywall being used is 1/2" thick. If it isn't, the mudring included in the kit will need to be replaced with a locally sourced mud-ring of the appropriate depth, that corresponds to the thickness of the drywall being used.

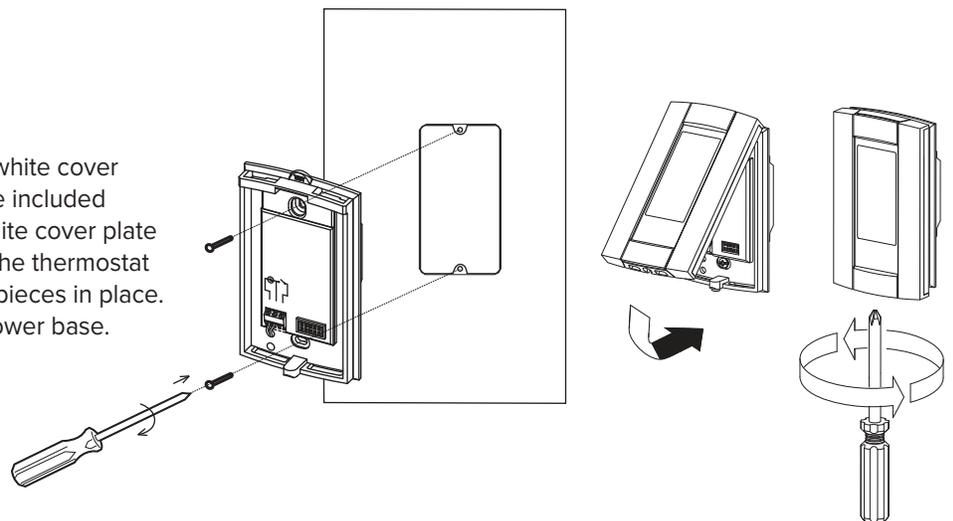
- When the drywall is installed, the raised portion of the mud-ring mounted on the square box should be flush with the finished wall's face and ready for mud to be applied into the gap between the drywall and the mud-ring.

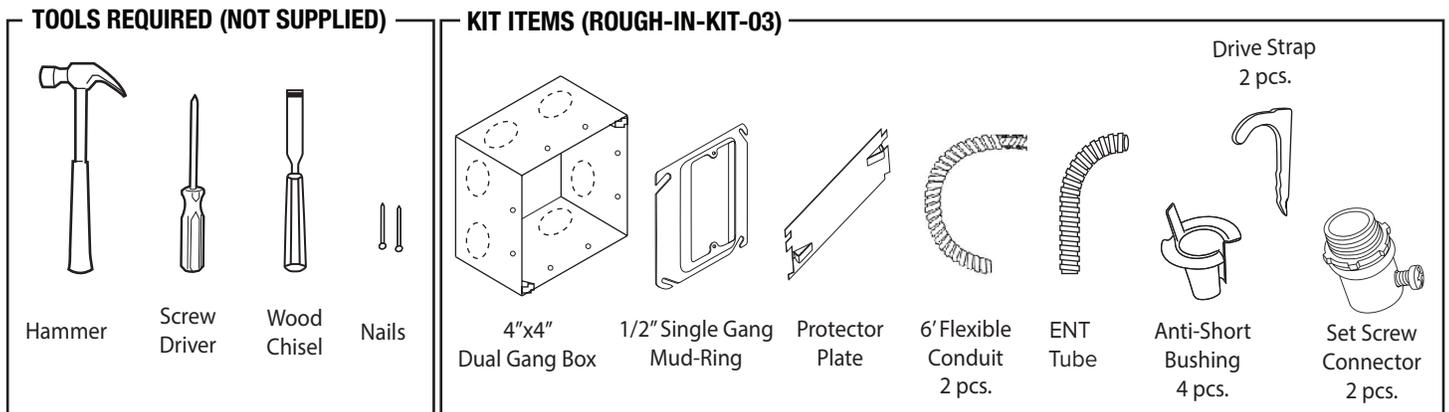


- Make connections to line and load wires at the back of the thermostat. Place sensor wires into and through the top hole of the thermostat's power base. Attach the sensor wires to the front of the thermostat's power base.



- Place the thermostat on the front of the white cover plate and line up all of the holes. Use the included screws to attach the power base and white cover plate to the silver mud-ring. Center and level the thermostat and then tighten the screws to hold the pieces in place. Install thermostat's faceplate onto the power base.

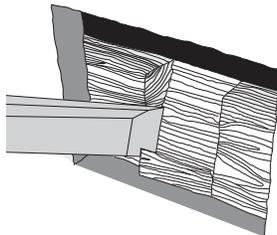
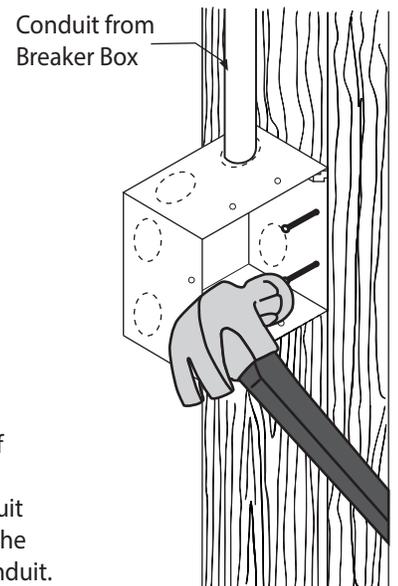




This kit contains enough conduit for protection of line voltage wires and sensor wires.

PLEASE CONSULT YOUR LOCAL CODE AUTHORITY FOR REQUIREMENTS.

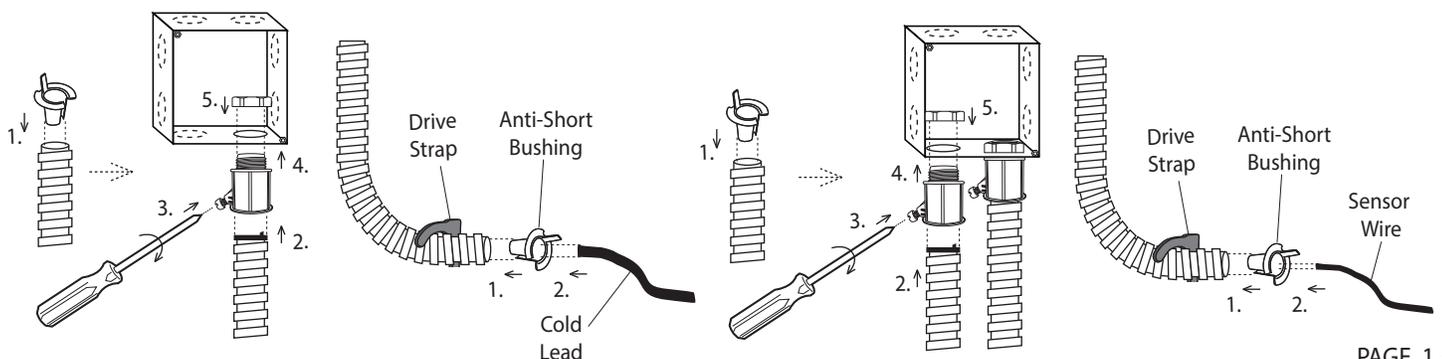
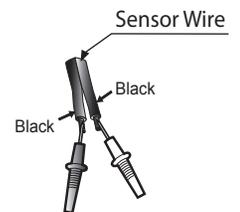
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2. Place the 4"x4" dual gang box against a stud, approximately 50 inches above the floor. At this time, it is important to know the thickness of the drywall that will be installed. The box needs to be mounted so that the raised portion of the single-gang mud-ring that will be placed onto the box will be flush with the final wall surface. Once that depth is determined, 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.



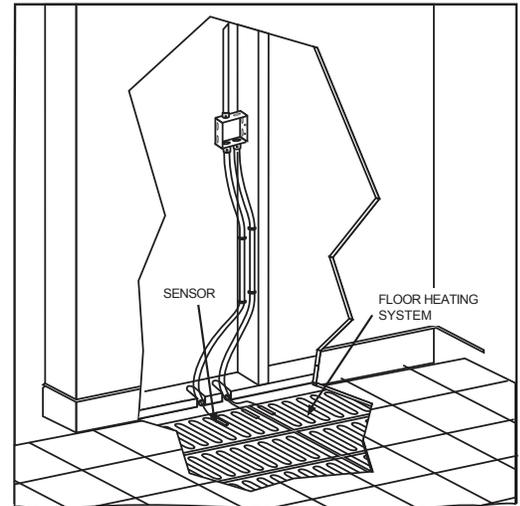
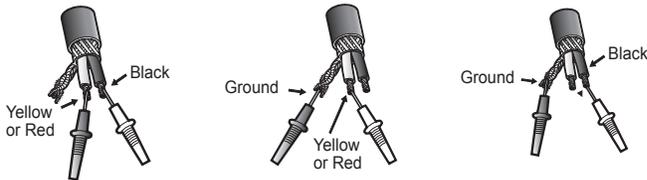
3. The sill plate or bottom plate of the wall may need to be notched with a wood chisel directly below the location of the thermostat to allow placement of the conduit for the coldlead and sensor (if required). There should be a conduit for the cold lead and a separate conduit for the sensor if the local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

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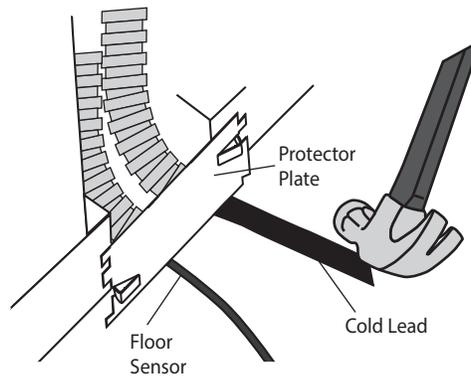
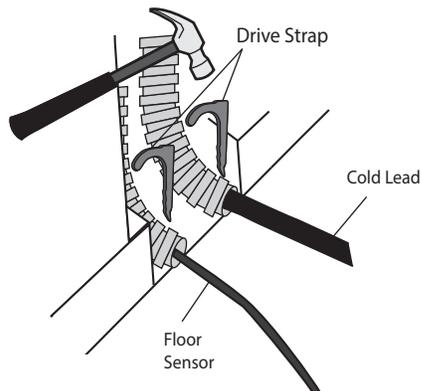
4. If conduit is required by the local code, install the approved conduit now between the thermostat box and the notch cut into the bottom plate at the base of the wall. Use approved conduit anchors and bushings to protect the cold lead wire and sensor wires as they are fed up the wall and into the thermostat box. The supplied conduit may need to be shortened at this time to fit properly. Test the thermostat sensor with a digital ohm meter as described in the installation manual. If the sensor tests good, run the sensor wire up the other conduit and into the thermostat box. Install the floor sensor (if applicable) as shown in the instructions.



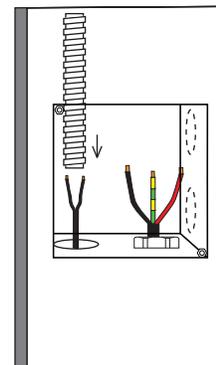
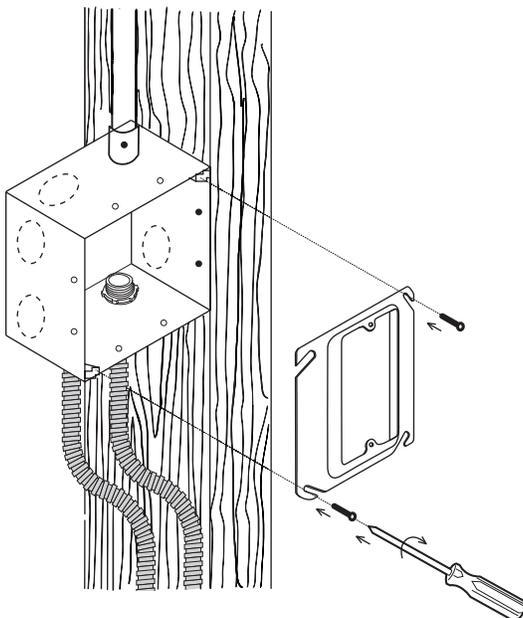
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6. Once the wires are run up to the thermostat box, install the cable protector plate so it covers the wires at the bottom plate. This will protect the wires from stray nails.

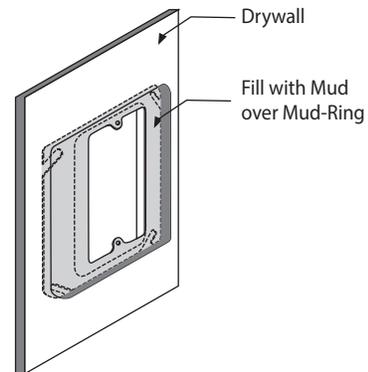


7. Place the smurf/ENT tube over the sensor wire to protect it from the high voltage wires.

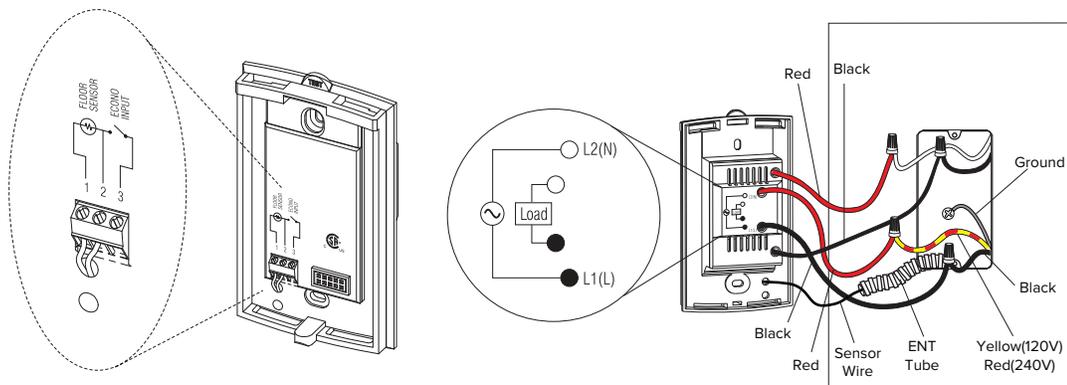


8. Install the single gang mud-ring at this time. Verify that the drywall being used is 1/2" thick. If it isn't, the mudring included in the kit will need to be replaced with a locally sourced mud-ring of the appropriate depth, that corresponds to the thickness of the drywall being used.

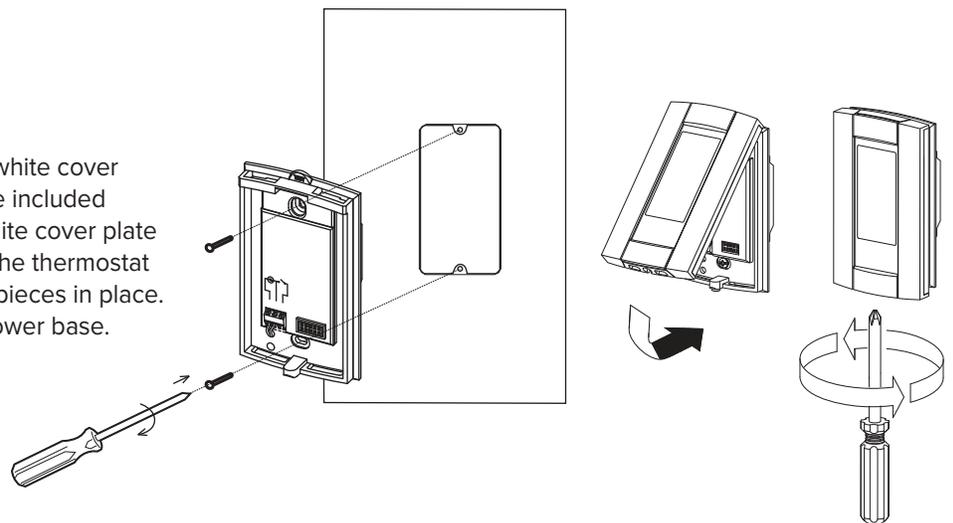
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TOOLS REQUIRED (NOT SUPPLIED)



Hammer



Screw Driver

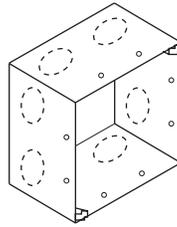


Wood Chisel



Nails

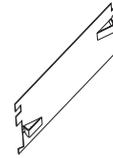
KIT ITEMS (ROUGH-IN-KIT-01)



4"x4"
Dual Gang Box



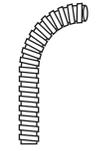
1/2" Single Gang
Mud-Ring



Protector
Plate



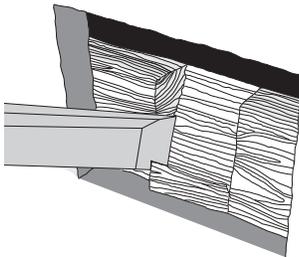
Low Volt
Staple



ENT
Tube

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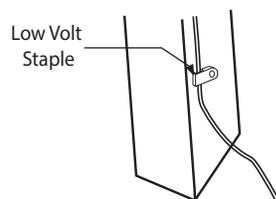
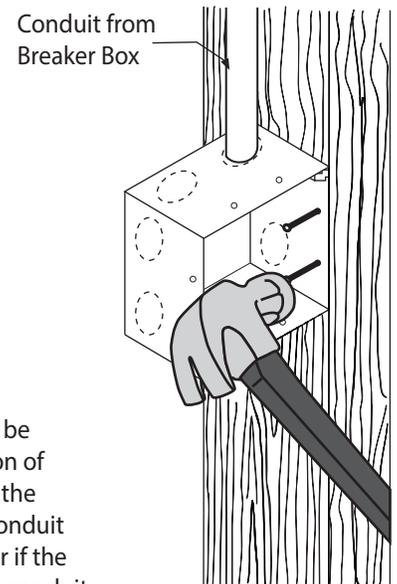
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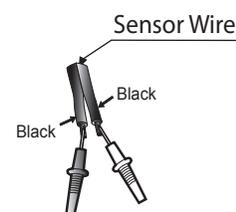
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Low Volt
Staple

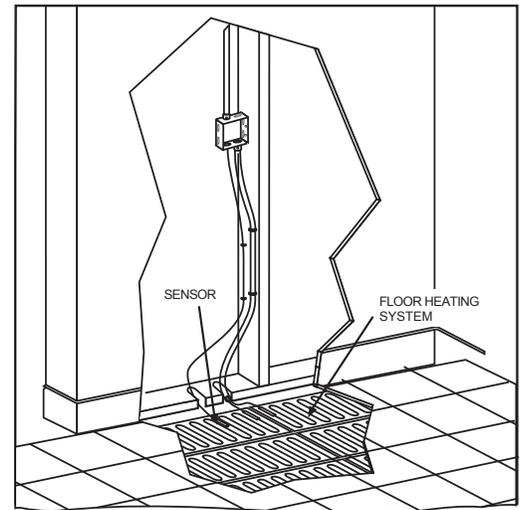
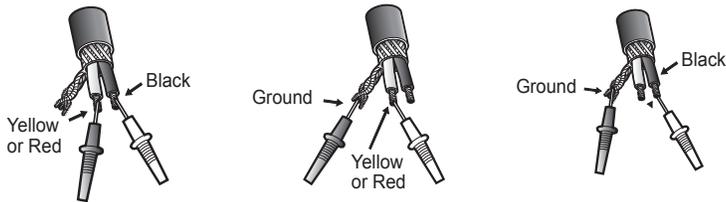


Sensor Wire

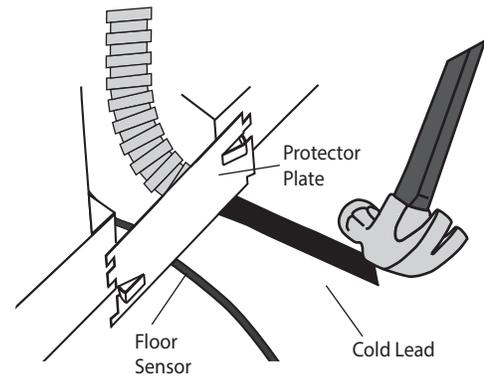
Black

Black

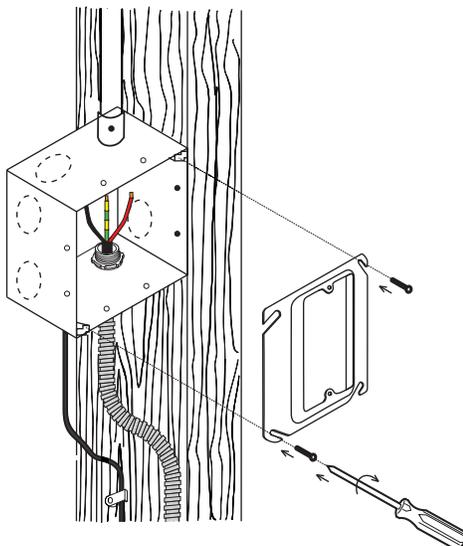
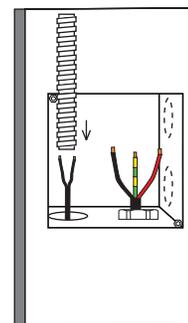
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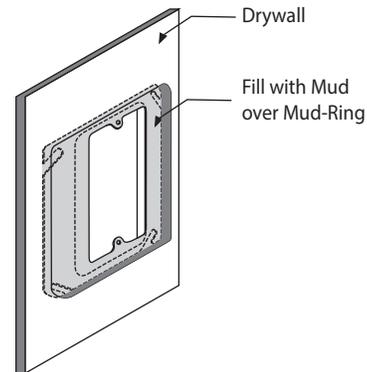


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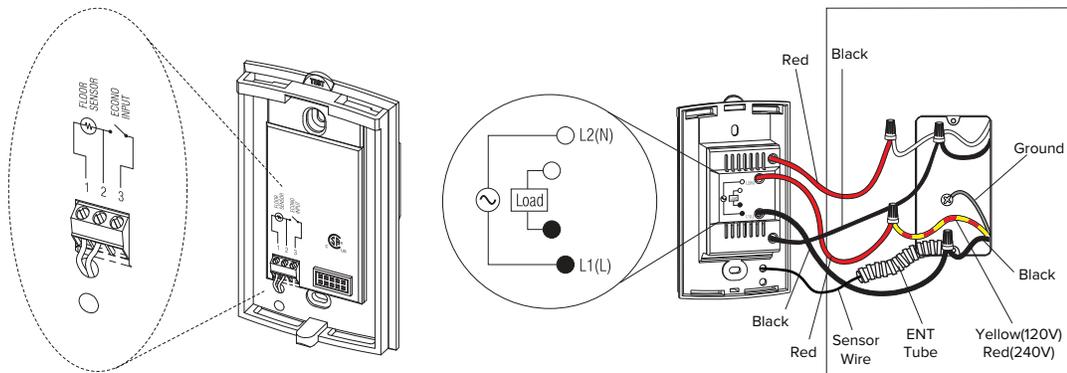


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