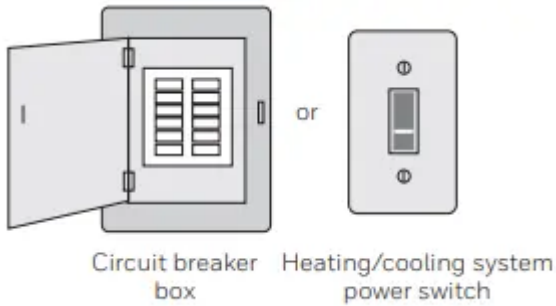


Installation

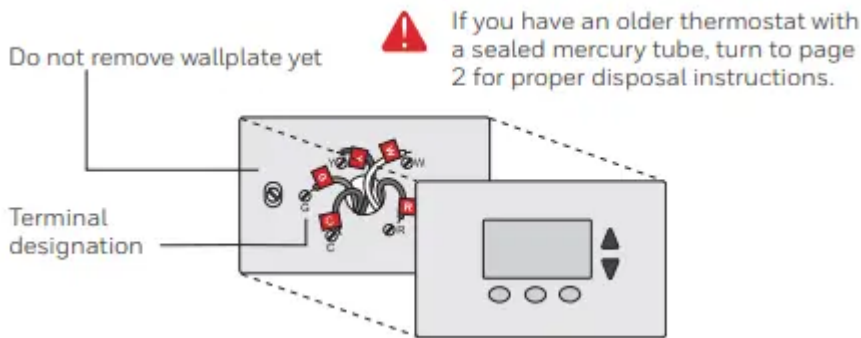
Installation

1 Turn Off Power to Heating/Cooling System



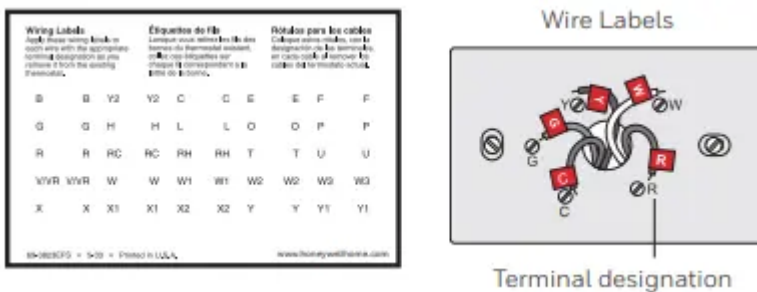
2 Remove Old Thermostat

Remove old thermostat but leave wallplate with wires attached.



3 Label Wires with Tags

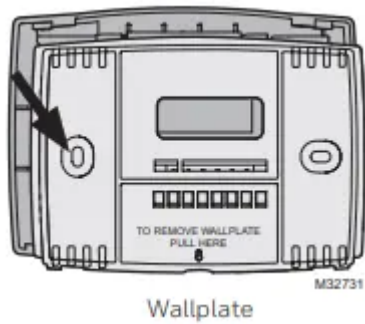
Label the wires using the supplied wire labels as you disconnect them.



4 Separate Wallplate from New Thermostat

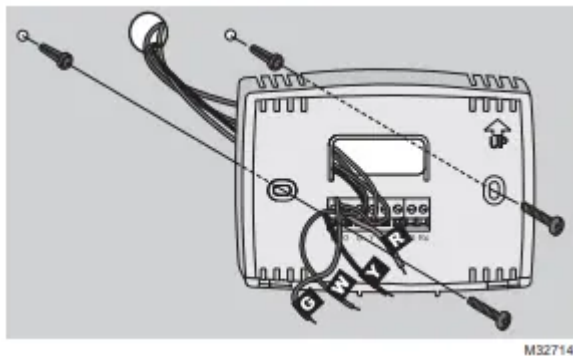
Remove wallplate from the new thermostat and mount onto wall.





5 Mount Wallplate

Mount the new wallplate using the included screws and anchors.

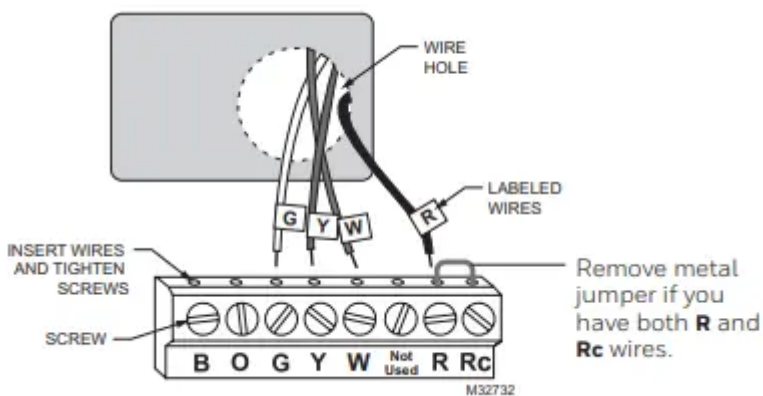


Drill 3/16-in. (4,76 mm) holes for drywall

Drill 3/32-in. (2,38 mm) holes for plaster

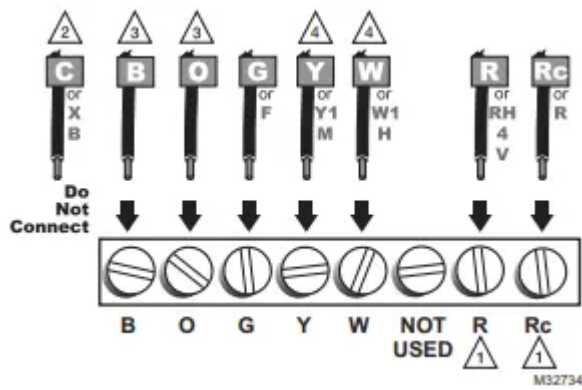
6 Connect Wires

Simply match wire labels. If labels do not match letters on the thermostat, check “Alternate Wiring” and connect to terminal as shown (see notes, below).



Alternate Wiring

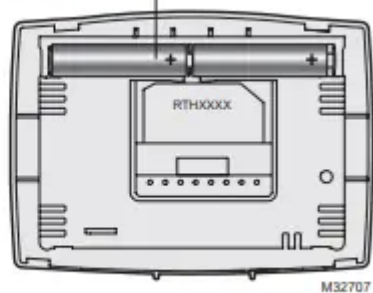
If labels do not match letters on the thermostat, check the chart below and connect to terminal as shown here (see notes, below).



1. If wires will be connected to both R and Rc terminals, remove metal jumper.
2. Do not use C or X. Wrap bare end of wire with electrical tape.
3. If you have a heat pump without auxiliary/backup heat connect O or B, not both. If you do not have a heat pump, do not connect B. Wrap bare end of wire with electrical tape.
4. Place a jumper (piece of wire) between Y and W if you are using a heat pump without auxiliary/backup heat.

7 Install Batteries

Install two AAA alkaline batteries.



Back of thermostat

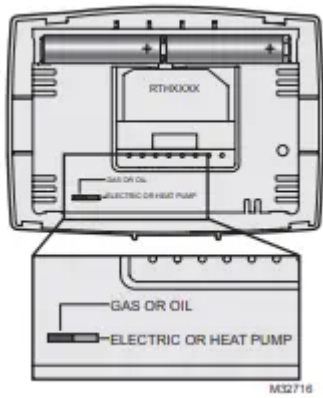
8 Set fan operation switch

Move the switch to the proper setting:

Gas or Oil: For gas or oil heating systems, leave the fan operation switch in this factory set position (for systems that control the fan in a call for heat).

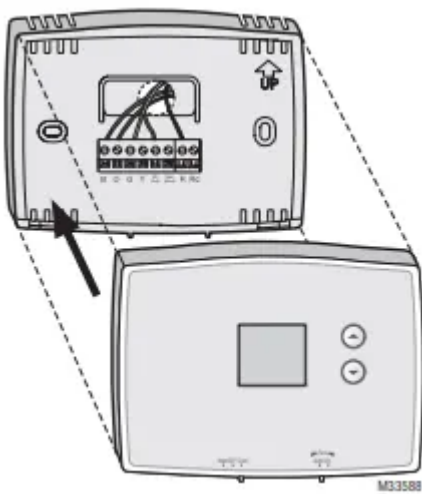
Electric or Heat Pump: Change the switch to this setting for heat pump or electric heat systems. (This setting is for systems that allow the thermostat to control the fan in a call for heat, if a fan wire is connected to the G terminal.)





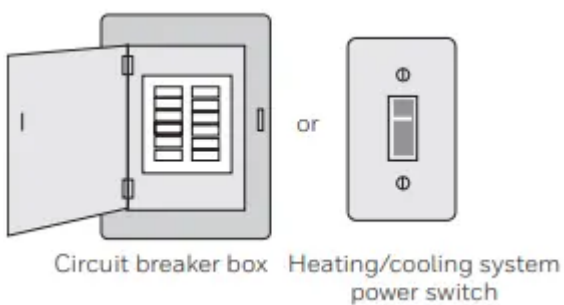
9 Install Thermostat onto Wallplate

Install thermostat onto the wallplate on the wall.



10 Turn Power Back On

Turn the power back on to the heating/cooling system.



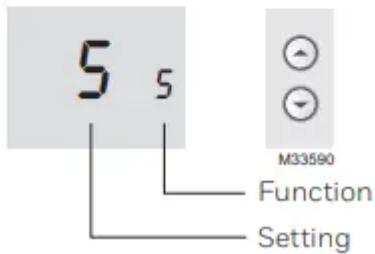
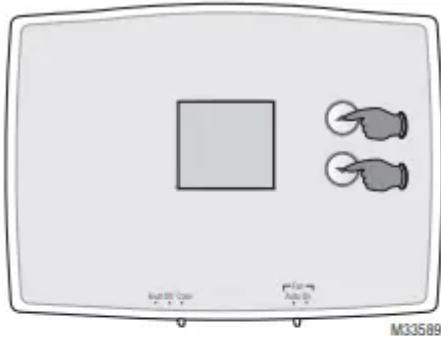
Advanced Installation

Enter System Setup

To enter system setup, press and hold both the ▲ and ▼ buttons until the display changes (approximately 5 seconds).

Changing Settings

1. Press the ▲ or ▼ button to change the setting.
2. Press the ▲ and ▼ buttons simultaneously for one second to advance to the next function.
3. When the last function is displayed, press the ▲ and ▼ buttons to save any changes and exit the menu.



NOTE: If you do not press any button for 60 seconds while you are in the setup menu, the thermostat automatically saves any changes made and exits the menu

Function	Description Press the ▲ or ▼ button to	Setting
5	select your heating system and optimize its operation	5 Gas or oil furnace: Use this setting if you have a standard gas or oil furnace that is less than 90% efficient. 6 Electric furnace: Use this setting if you have any type of electric heating system. 3 Heat pump, hot water or high-efficiency furnace: Use this setting if you have a hot water system or a gas furnace of greater than 90% efficiency. 2 Gas/oil steam or gravity system: Use this setting if you have a steam or gravity heat system.
14	select Fahrenheit or Celsius temperature display	0 Fahrenheit temperature display (°F) 1 Celsius temperature display (°C)
15*	select Compressor Protection settings	1 On 0 Off

* Compressor Protection: This feature forces the compressor to wait approximately 5 minutes before restarting, to prevent equipment damage. During the wait time, the message “Cool On” or “Heat On” is displayed on screen.

About your new thermostat

Your new Resideo thermostat has been designed to give you many years of reliable service and easy-to-use, push-button climate control.

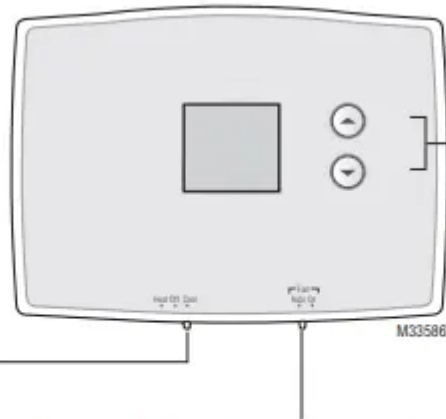
- Displays ambient (measured) temperature at all times
- One-touch access to setpoint temperature
- Built-in compressor protection

Thermostat controls

System Switch

is used to control your heating or cooling system.

- **Heat:** Heating system control.
- **Off:** All systems off.
- **Cool:** Cooling system control.



Temperature adjustment

Press the up or down buttons until you reach the desired temperature.

NOTE: Make sure the **SYSTEM** switch is set to the system you want to control (Heat or Cool).

Fan Switch is used to control your fan.

In "Auto" mode, the fan runs only when the heating or cooling system is on.

If set to "On," the fan runs continuously.

Display screen

Setpoint indicator

Appears when the setpoint temperature is displayed.

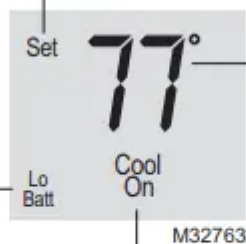
Low battery warning
(see page 11)

System status

Cool on: Cooling system is on.

Heat on: Heating system is on.

When Cool On is flashing, compressor protection is engaged (see page 11).



Temperature

The ambient (measured) temperature is normally displayed. To view the setpoint temperature, press the Up or Down button once. The setpoint temperature will appear for five seconds.

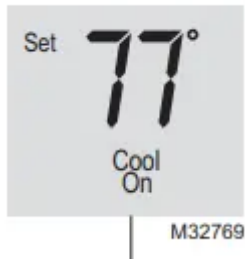
Built-in compressor protection



This feature helps prevent damage to the compressor in your air conditioning or heat pump system.

Damage can occur if the compressor is restarted too soon after shutdown. This feature forces the compressor to wait 5 minutes before restarting.

During the wait time, the display will flash the message Cool On (or Heat On if you have a heat pump). When the safe wait time has elapsed, the message stops flashing and the compressor turns on.



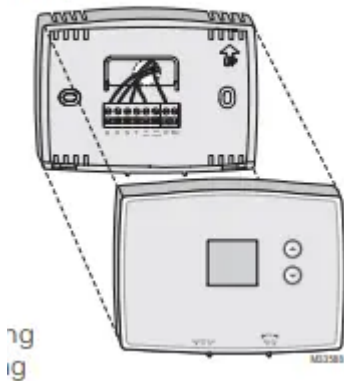
Battery replacement

Install two fresh AAA batteries when Lo Batt flashes on the screen. Lo Batt appears for 60 days before the batteries are depleted.

Replace batteries once a year, or when you will be away for more than a month.

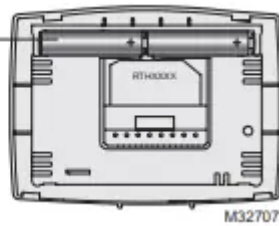
Most settings are stored in non-volatile (permanent) memory. Only the clock and the day must be set after you replace the batteries

Pull at bottom to
remove thermostat from
wallplate.



WARNING Set the System switch to Off before removing the batteries. Otherwise, the heating/cooling system could remain activated even when batteries are removed.

Turn thermostat over, insert fresh AAA alkaline batteries, then reinstall thermostat.



Troubleshooting

If you have difficulty with your thermostat, please try the following suggestions. Most problems can be corrected quickly and easily.

Display is blank

- Make sure fresh AAA alkaline batteries are correctly installed.

Heating or cooling system does not respond

- Set system switch to Heat. Make sure the temperature is set higher than the Inside temperature.
- Set system switch to Cool. Make sure the temperature is set lower than the Inside temperature
- Wait 5 minutes for the system to respond.

Cannot change setpoint

Verify the system switch is set to Heat or Cool mode. The thermostat should allow you to change the setpoint within the following ranges:

- Heat: 40° to 90°F (4.5° to 32°C).
- Cool: 50° to 99°F (10° to 37°C).

"Cool On" or "Heat On" is flashing

- Compressor protection feature is engaged. Wait 5 minutes for the system to restart safely, without damage to the compressor.

"Heat On" is not displayed

- Set the System switch to Heat, and set the temperature level above the current room temperature.

"Cool On" is not displayed

- Set the System switch to Cool, and set the temperature level below the current room temperature.

1-year limited warranty

Resideo warrants this product, excluding battery, to be free from defects in workmanship or materials, under normal use and service, for a period of one (1) year from the date of first purchase by the original purchaser. If at any time during the warranty period the product is determined to be defective due to workmanship or materials, Resideo shall repair or replace it (at Resideo's option).

If the product is defective,

(i) return it, with a bill of sale or other dated proof of purchase, to the place from which you purchased it; or

(ii) call Resideo Customer Care at 1-800-468-1502. Customer Care will make the determination whether the product should be returned to the following address: Resideo Return Goods, 1985 Douglas Dr. N., Golden Valley, MN 55422, or whether a replacement product can be sent to you. This warranty does not cover removal or reinstallation costs.

This warranty shall not apply if it is shown by Resideo that the defect was caused by damage which occurred while the product was in the possession of a consumer.

Resideo's sole responsibility shall be to repair or replace the product within the terms stated above. RESIDEO SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

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This warranty gives you specific legal rights, and you may have other rights which vary from state to state. If you have any questions concerning this warranty, please write Resideo Customer Care, 1985 Douglas Dr, Golden Valley, MN 55422 or call 1-800-468-1502

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

