



1.12 Determine your heating/cooling system type

**Important!** Heating/cooling system type must be set so that your thermostat operates properly and does not damage your system.

If you have a traditional system (single stage heating and cooling), your thermostat is set up by default to control this system. However, you will still need to connect your thermostat to a Z-Wave network. To do this, enter system setup (see step 2.1) and then proceed to **Step ③**

If you DO NOT have a single stage heating and cooling system, You MUST change the system type by setting system function 0170. See page 40 in the User Guide for a list of options. Go to **Step ②**

**?** Not sure of your heating/cooling system type? Visit **yourhome.honeywell.com** or call Honeywell Customer Care toll-free at **1-800-468-1502**.

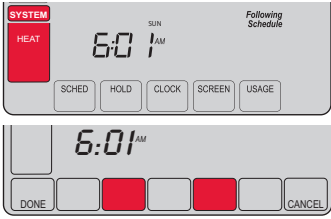
2 Setup your thermostat

2.1 Accessing system setup

You can change options for a number of system functions. Available functions depend on the type of system you have. The functions, designated with four-digit numbers, along with their available options are described on pages 38–48 of the user guide.

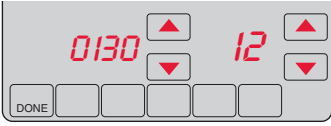
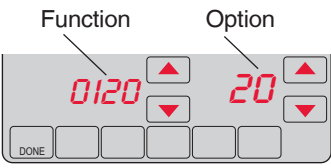
- 2.1a Press **SYSTEM**. You'll see several blank buttons on the bottom of the display.
- 2.1b Press and hold the buttons on either side of the center button until the screen changes (approximately 5 seconds).

**?** **Getting Help**  
**Need more help?** Find additional information in the *User Guide*.



2.2 Setting the date

- 2.2a Function **0120** appears first by default. It sets the first two digits of the year, e.g., **2013**. Press **▲▼** next to the option number to select the first two digits of the year.
- 2.2b Press **▲** next to the function number to select function **0130**. Function **0130** sets the last two digits of the year, e.g., **2013**.
- 2.2c Press **▲▼** next to the option number to select the last two digits of the year.



- 2.2d Press **▲** next to the function number to select function **0140**. Function **0140** sets the month.
- 2.2e Press **▲▼** next to the option number to select the month.
- 2.2f Press **▲** next to the function number to select function **0150**. Function **0150** sets the date.
- 2.2g Press **▲▼** next to the option number to select the date.



2.3 Selecting a schedule format

Function **0160** sets the schedule format. You can select between nonprogrammable and programmable.

- 2.3a Press **▲** next to the function number to select function **0160**.
- 2.3b Press **▲▼** next to the option number to change the schedule format.
  - 0** Program schedule is off. Thermostat cannot be programmed.
  - 4** Program schedule is on (7-day programmable).



2.4 Restore schedule defaults

- 2.4a Press **▲** next to the function number to select function **0165**.
- 2.4b Press **▲▼** next to the option number to restore schedule defaults.
  - 0** Continue using programmed schedule.
  - 1** Restore thermostat program to energy saving settings.

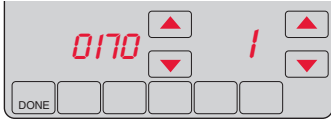


**?** **Getting Help**  
**Need more help?** Find additional information in the *User Guide*.

2.5 Selecting system type

Function **0170** sets your heating/cooling system type.

- 2.5a Press **▲** next to the function number to select function **0170**.
- 2.5b Press **▲▼** next to the option number to select your system type. Option **1** (default) is a single stage heating and cooling system. For a list of other system types, see page 40 in the User Guide.
- 2.5c Press **▲** next to the function number to scroll through the remaining functions. For a list of functions and their options, see pages 38–48 in the user guide.
- 2.5d Press **▲** next to the four digit function number to scroll to function **rf10**. Go to **Step ③**



3 Join Z-Wave network

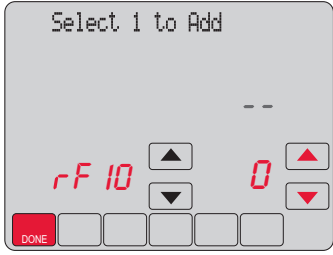
3.1 Connect to other Z-Wave enabled devices

The RTH8580ZW is powered by Z-Wave technology so it is compatible with Z-Wave enabled devices from other manufacturers.

With a separate Z-Wave controller, for example, you can change your thermostat settings from your bedroom or elsewhere in the house.

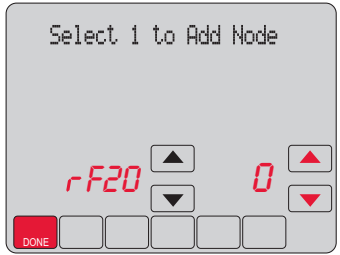
**?** **Getting Help**  
**Need more help?** Find additional information in the *User Guide*.

- 3.1a To join a Z-Wave network, set the Z-Wave controller to **INCLUDE** mode.
- 3.1b On the thermostat, be sure function **rf10** is selected. If it is not selected, see **Step ②**
- 3.1c Press **▲** next to the option number to select option **1** to add thermostat to Z-Wave network.



3.2 Share Z-Wave network

- 3.2a To share the thermostat Node information with additional Z-Wave devices, press **▲** next to the function number to select function **rf20**.
- 3.2b Press **▲** next to the option number, and select option **1**.



3.3 Exit system setup

When you have made all changes, press **DONE** to save and exit.



**?** **Getting Help**  
For explanation of Z-Wave messages, see the *User Guide*.

**!** This thermostat contains a Lithium battery which may contain Perchlorate material. Perchlorate Material—special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)

**!** **MERCURY NOTICE:** Do not place your old thermostat in the trash if it contains mercury in a sealed tube. Contact the Thermostat Recycling Corporation at [www.thermostat-recycle.org](http://www.thermostat-recycle.org) or 1-800-238-8192 for information on how and where to properly and safely dispose of your old thermostat.

**!** **NOTICE:** To avoid possible compressor damage, do not run air conditioner if the outside temperature drops below 50°F (10°C).

**Need more help?**  
For assistance with this product please visit [yourhome.honeywell.com](http://yourhome.honeywell.com) or call Honeywell Customer Care toll-free at 1-800-468-1502 before returning the thermostat to the store.