Climate Cŏntrol™ Network System

Table of Contents

Welcome to the Climate Cŏntrol™ Network System

The Climate Cŏntrol™ Network System allows you to use a Touch Panel Interface or your home computer to view and make adjustments to heating, air conditioning, ventilation, and other climate control devices in your home. From any Touch Panel Interface or home computer, you can adjust the indoor temperature, modify the temperature of your hot water tank, check the status of your snow melt zones, and set and adjust other devices such as sprinklers and outside lighting.

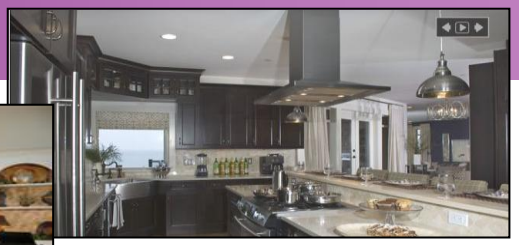
Using weekly schedules, you can customize your system so that the temperatures and other settings provide a comfortable environment when you are at home, and conserve energy when you are away or at night, or you can override the schedules temporarily using the override calendar. Additionally, you can specify dates on the vacation calendar to conserve energy while you are on vacation or away from home for periods of time.

This user guide will help you learn about all the features of your Climate Cŏntrol™ Network System. Use the **Table of Contents** in the left panel to quickly browse through the guide, or use the **Search** button and enter a search term to easily find exactly what you are looking for.

To begin, we recommend that you read the following pages:

- **Use the Touch Panel Interface screens**
- **View the IP address and connect from a home computer**
- **Abbreviations used on the Touch Panel Interface**

Use the Touch Panel Interface screens

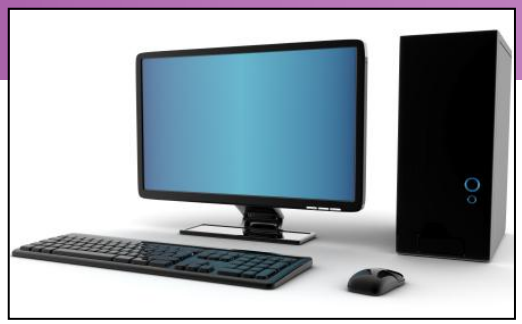


The Touch Panel Interface is a touch screen device. To view and adjust settings for the equipment installed in your home, **touch** the tabs, buttons, and radio buttons with a finger.

To conserve energy, the Touch Panel Interface screen turns itself off after a period of inactivity. To activate the screen, touch anywhere on the screen.

- Click the button to go to the "home" screen (the **Thermostat List** tab).
- Click the button to get help about the screen you are viewing.
- Click the button to "pin" a particular screen.
- Click the button to return to the "pinned" screen.
- Click the button to return to the previous screen.
- Click the button to change the temperature display between Fahrenheit and Celsius.

Tip: If you access the Touch Panel Interface from your computer, **click** the tabs, buttons, and radio buttons with the mouse. See View the IP address and connect from a home computer.



View the IP address and connect from a home computer

You can connect to the Climate Cŏntrol™ Network System from any computer connected to your home network. This can be especially useful for setting up the more complex features of the system such as the schedules and calendars.

Each Touch Panel Interface device has a unique IP address to identify it on the network. To connect to the Climate Cŏntrol™ Network System from your home computer, you can enter the IP address for any of the Touch Panel Interface devices in your home.

For most tasks, you can connect to any of the Touch Panel Interface devices in the system. However, if you want to update the settings for a particular Touch Panel Interface, you must enter the IP address for that particular device. For example, if you want to change the back light timing for the Touch Panel Interface located in the kitchen, you need to know the IP address for the kitchen Touch Panel Interface.

Note: The system will support only one computer connection at a time. To connect from another home computer, you must first close the web browser on the first computer. If you try to connect from more than one computer at a time, you might see unexpected results on the Touch Panel Interface.

To view the IP address:

1. Click the button.
2. Click the **System Properties** tab.
3. Click the **Touch Panel Interface** button.
4. Click the **System IP Address** button.

To connect to the system from your home computer:

1. On a computer connected to your home network, open a web browser (such as Windows® Internet Explorer).
2. In the address bar, type the IP address of one of the Touch Panel Interface devices.

Abbreviations used on the Touch Panel Interface

The following abbreviations are used on the Touch Panel Interface.

Abbreviation	Description
A/C	Air conditioning
Air Circ	Air circulation
Auto	Automatic
°C	Degrees Celsius
°F	Degrees Fahrenheit
Hr (Hrs)	Hour (Hours)
Min	Minute
Min/Max	Minimum/maximum
RH	Relative humidity
Sched	Schedule
Sec	Second
Temp	Temperature
Vent	Ventilation

Contact Uponor technical support

The Climate Cŏntrol™ Network System is designed to be easy to use, so that you can manage building control equipment installed in your home, all from one convenient interface.

If you have read this online user guide, but not found answers to your questions, call your installing contractor, or contact Uponor technical support:

- US: (800) 321-4739
- Canada: (888) 994-7726

For information about other Uponor products or to learn more about Uponor, see our website:

- www.uponor.com
- www.uponor.ca

About thermostats

Thermostats are devices that measure the air temperature and humidity in the room where they are installed. Even if you have a Touch Panel Interface in a room instead of a standard thermostat panel, there will be a thermostat installed invisibly in the room to take temperature and humidity measurements.

Touch Panel Interface

Standard Thermostat Panel

In the Climate Cŏntrol™ Network System, there will often be one thermostat installed per room, which facilitates better comfort control on a room by room basis. The Touch Panel Interface allows you to view the measurements and settings for each of these thermostats and name them for the rooms in your home. See Change a thermostat description.

You can look at information and make adjustments to thermostats in three different ways:

- By viewing the thermostat through a Touch Panel Interface.
- By using the standard thermostat panel in a room.
- By logging into the Climate Cŏntrol™ Network System using a computer on your home network.

Whichever of the three methods you use, you can set the temperature in several ways:

- You can adjust the temperature in a room at any time. See Change the room temperature.
- Using **Normal** and **Setback** setpoints and Schedules, you can specify a comfortable temperature on a room by room basis for times when you are at home, and another temperature for when you are away from home or at times when everyone is sleeping. See Change thermostat setpoints and About schedules.
- Using **Minimum** and **Maximum** setpoints, you can define a range of temperatures that restrict the Normal and Setback setpoints.
- Using **Schedules**, you can specify whether to use Normal setpoints or Setback setpoints at different times of the day. See About schedules.
- Using the **Vacation Calendar**, you can specify dates when you plan to be away from home and have the entire Climate Cŏntrol™ Network System use Setback settings. See About the vacation calendar.

When the rooms in your home are divided into air zones, and several thermostats are contained within an air zone, you can use the **Primary Thermostat** feature to change the temperature at one thermostat and have it affect all the rooms within the air zone. When you use your home computer or a Touch Panel Interface to change the temperature on a thermostat, the system prompts you to choose whether or not you want to make the current thermostat the primary thermostat for that air zone. When you change the temperature on a standard thermostat panel, the Climate Cŏntrol™ Network System automatically makes that thermostat the primary thermostat for that air zone. See About air zones and Make a thermostat the primary thermostat for an air zone.

You can also globally change the mode for all the thermostats in your system. See Adjust the mode for all thermostats. If your home does not have any equipment that requires an air zone, then your comfort levels are probably controlled exclusively through radiant floor heating. In this case, each thermostat controls the temperature in the room where it is installed.

View the list of thermostats

On the "home" screen, on the **Thermostat List** tab, you can view a list of all the thermostats in your home.

To view the list of thermostats:

1. Click the  button. The list of thermostats is displayed in alphanumeric order by thermostat description (name).

Change the room temperature

You can use the thermostat to raise or lower the temperature in the room. When the thermostat is the primary, and you have equipment like furnaces and air conditioners installed, the Climate Cŏntrol™ Network System will run appropriate equipment to meet and keep the setpoint in that room. The amount of heating or cooling delivered will be the same for all the rooms in the air zone.

If you have radiant floors installed, they will always respond to the temperature setting of the room they are in, so although the air systems may be serving a room according to the temperature settings of the primary thermostat, the radiant floors will always be working to achieve the air temperature setpoint of the room they are in.

To set the room temperature:

1. Click the  button.
2. Click a thermostat.
3. Click the  or  buttons to change the temperature.

When you adjust the temperature, the Touch Panel Interface initially displays the current setpoint in use (heat Normal or Setback, cool Normal or Setback). This is the setpoint that will be adjusted. Whether the thermostat is using heat or cool setpoints is determined by the mode of the air zone. Whether the thermostat is using Normal or Setback setpoints is determined by schedule time blocks or vacation calendar settings (when the whole system will use Setback setpoints.) Once you have finished adjusting the temperature, the Touch Panel Interface display reverts to the current temperature.

If you use your home computer or a Touch Panel Interface to change the temperature when the system is in vacation mode, the system will not automatically come out of vacation mode. However, if you change the temperature at a standard thermostat panel in a room, the system will automatically come out of the vacation mode for 4 hours and use the non-vacation settings. See About the vacation calendar.

Note: The thermostat cannot be adjusted outside the range set by the minimum and maximum setpoints. To adjust the temperature lower than the minimum or higher than the maximum, you must change the minimum and maximum setpoints first. When you change the temperature on the thermostat, you might not notice an immediate difference, particularly if you are heating the room with radiant flooring.

View active equipment

When you adjust the temperature of a thermostat, the system operates the available equipment to give you the desired temperature. On the Touch Panel Interface, you can see which pieces of equipment are currently active or inactive, as well as which setpoints and mode are in effect for each thermostat.

To view equipment that is active right now:

4. Click the  button.
5. Click a thermostat. The **Active Right Now** tab is displayed.

If the thermostat has reached the setpoint, some equipment might appear to be inactive. For example, if the thermostat is in Normal heat mode with the heat setpoint set to 73°F (by 0.5°F for radiant floor heating, or 1°F for air heating), equipment will appear active until the setpoint is reached.

When the thermostat senses that the air temperature has reached 73°F, equipment such as radiant floors will then appear to be inactive.

When the temperature drops below 73°F, the equipment will appear active again, until the setpoint has been reached.

View installed equipment

When you adjust the temperature of a thermostat, the system adjusts the available equipment to give you the desired temperature. On the Touch Panel Interface, you can see which pieces of equipment are currently active for each thermostat.

You can also see a list of all the equipment installed with your system. This can be especially helpful for owners of new systems, or if you have purchased a home with the system installed, and you need to know what equipment is available to affect comfort levels controlled by the Climate Cŏntrol™ Network System.

To view equipment that is installed:

1. Click the  button.
2. Click a thermostat.
3. Click the **Equipment Installed** tab.

Change the heat or cool mode for all thermostats

Generally it is best to use **Auto Mode** to control the temperature for all the thermostats in the home. In **Auto Mode**, the system uses the thermostat schedules to efficiently control the temperature. However, if the home is too cool or too warm, you can select **Heat Mode** or **Cool Mode** to adjust the temperature. You can also choose to turn off the heating and cooling equipment by selecting **Off**.

When you change the mode, if the mode is not supported for a thermostat, the thermostat is turned off.

To change the mode for all thermostats:

1. Click the  button.
2. Click a thermostat.
3. Click the **Mode Settings** tab.
4. Click the radio button next to mode you want to use.
5. Click the **Apply to all thermostats** button.

Note: This **Mode Settings** tab only appears for systems that do not contain air zones. If your system includes one or more air zones, see Change the heat or cool mode.

Change thermostat setpoints

Thermostats provide heating and cooling based on Normal and Setback setpoints. Setpoints are set for both heat and cool modes and have Minimum and Maximum limits defined.

- **Normal setpoints** are typically used to keep rooms at a comfortable temperature when you are in the home.
- **Setback setpoints** conserve energy when you are sleeping, away from the home, or not using a particular area of your home.
- **Minimum and Maximum setpoints** provide a range of temperatures. Normal and Setback setpoints cannot be set outside the Minimum/Maximum range.

Tip: Radiant floor systems take a little longer to reach their setpoints. If you create a Setback setting for your floors that is quite different from your Normal setting and do not allow enough time for your floors to adjust, when you switch to Normal settings you may experience a time during the changeover when you do not have the room temperature you would like. Use the schedule to allow ample time for your floors to be restored to Normal setpoints so that the room you are in will be comfortable when you get up in the morning for example.

To change the thermostat Normal setpoints:

1. Click the button.
2. Click a thermostat.
3. Click the **Thermostat Setpoints** button. The **Normal Setpoints** tab is displayed.
4. Click the or buttons to change the Normal setpoints.

To change the thermostat Setback setpoints:

1. Click the button.
2. Click a thermostat.
3. Click the **Thermostat Setpoints** button.
4. Click the **Setback Setpoints** tab.
5. Click the or buttons to change the Setback setpoints.

To change the thermostat Minimum and Maximum setpoints:

1. Click the  button.
2. Click a thermostat.
3. Click the **Thermostat Setpoints** button.
4. Click the **Min/Max Setpoints** tab.
5. Click the  or  buttons to change the Minimum and Maximum setpoints.

Make a thermostat the primary thermostat for an air zone

When you have air zones in your home, the primary thermostat temperature readings and setpoints are used to adjust equipment to reach and hold the setpoint temperature of the room where the current primary thermostat is located. This means that all the rooms in that air zone will be heated or cooled at the same time regardless of the settings or temperature in each individual room.

To see all the rooms (thermostats) contained in an air zone:

1. Click the **Air Zone** tab.

To see which thermostat is the primary in an air zone:

1. Review the primary icons on the Air Zone Thermostat list, or the **Primary Settings** tab on any thermostat within the air zone you are interested in.

There are two ways to make a thermostat the primary for an air zone:

- **Through any Touch Panel Interface**: When you adjust the current setpoint of a thermostat on the Thermostat screen, if that thermostat is not currently the primary, the system will ask if you want to make it the primary for the air zone. If you choose **Yes**, that thermostat will be made the primary. If you choose **No**, the setpoint will be changed but that thermostat will not be made the primary.
- **Through a standard thermostat panel**: Make an adjustment on a standard thermostat panel in a room in an air zone. If you make any adjustment to a thermostat in a room in an air zone, it will automatically make that thermostat (room) the primary for that air zone.

In some cases you may want a thermostat to never be the primary. For example, in a child's room you might set the thermostat to never be the primary.

To set a thermostat as the primary thermostat for a zone:

1. Click the  button.
2. Click a thermostat.

3. Click the **Thermostat Properties** button. The **Primary Setting** tab is displayed.
4. If the thermostat is set to **Not the Primary Right Now**, click the **Yes** button next to **Make this thermostat the primary to control this Zone**.
   If the thermostat is set to **Never Primary**, click the **Yes** button next to **Allow this thermostat to be the primary of this Zone**, and then click the **Yes** button next to **Make this thermostat the primary to control this Zone**.

To set a thermostat to never be the primary:

1. Click the  button.
2. Click a thermostat.
3. Click the **Thermostat Properties** button. The **Primary Setting** tab is displayed.
4. If the thermostat is set to **Allowed to be Primary**, click the **Yes** button next to **Set this thermostat to never be the primary of this Zone**.

Set thermostat backlight timing

You can change the number of seconds a thermostat remains lit after you have finished adjusting it. Backlighting is only apparent in low light or when the room is dark.

To set the thermostat backlight timing:

1. Click the  button.
2. Click a thermostat.
3. Click the **Thermostat Properties** button.
4. Click the **Backlight Timing** tab.
5. Click the  or  buttons to edit the number of seconds the thermostat stays lit.

Note: You can also set the backlight timing for the Touch Panel Interface. See Set the Touch Panel Interface backlight timing.

Switch the thermostat temperature display between Fahrenheit and Celsius

You can set the temperature display for an individual thermostat.

To switch between Fahrenheit and Celsius:

1. Click the  button.
2. Click a thermostat.
3. Click the **Thermostat Properties** button.
4. Click the **°F or °C Display** tab.
5. Click the **Yes** button to change between Fahrenheit and Celsius.

Note: You can also change the temperature display for a Touch Panel Interface. See Switch the Touch Panel Interface temperature display between Fahrenheit and Celsius.

Change a thermostat schedule

You can specify setpoints to be used at different times of the day or days of the week, by attaching a thermostat to a schedule, and then setting up time blocks in the schedule to use Normal or Setback setpoints.

To view a thermostat's schedule information:

1. Click the button.
2. Click a thermostat.
3. Click the **Schedule Info** tab.

To view the attached schedule:

1. Click the button.
2. Click a thermostat.
3. Click the **Schedule Info** tab.
4. Click the **View Schedule** button.

To attach the thermostat to the current schedule:

1. Click the button.
2. Click a thermostat.
3. Click the **Schedule Info** tab.
4. Click the **Use this Schedule** radio button.

To attach the thermostat to a different schedule:

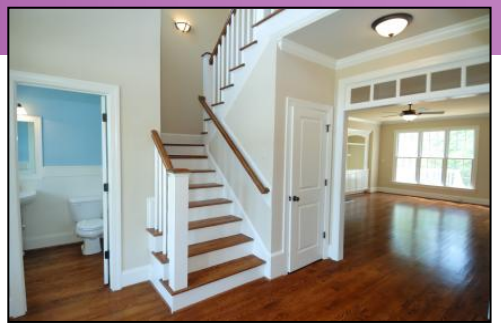
1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click the **Thermostat Schedules** button.
4. Click the schedule you want to attach the thermostat to.
5. Click the **Add Thermostat** button.
6. Click the **Add** button for the thermostat you want to add to the schedule.

Change a thermostat description

You can change the description of each thermostat. Use upper and lower case letters, numbers, and symbols to enter a unique name.

To change a description:

1. Click the  button.
2. Click a thermostat.
3. Click the **Thermostat Properties** button.
4. Click the **Thermostat Description** tab.
5. Click the **Edit** button.
6. Use the keypad to edit the description.
7. Click the **OK** button to save the description.



About air zones

A Climate Cŏntrol™ Network System generally contains one or more air zones, based on the types of heating, cooling, ventilation, and other equipment installed in your home. For example, if your home uses forced air heating, all the rooms affected by the furnace are included in a single air zone. This means that you can conveniently and easily adjust the temperature and other settings for all the rooms in the zone. See Change the room temperature.

Your system may have several thermostats within an air zone. If so, one thermostat is considered the primary thermostat, and it controls the temperature in all the rooms in the zone.

You can select which thermostat is primary based on rooms where you spend the most time. For example, if you spend much of your time in the morning in the kitchen, you might want to set the thermostat in the kitchen as your primary thermostat. But in the evening, when you move into the lounge, you might want to set that thermostat as the primary.

You can also choose to make some thermostats never the primary thermostat. For example, you might not want a child to adjust the room temperature, and so you would set the thermostat in the child's room to never be the primary. See Make a thermostat the primary thermostat for an air zone.

You can also adjust the fan and ventilation settings, change the heat or cool mode, the relative humidity, and the zone description. See Use fan and ventilation settings, Set relative humidity, and Change a zone description.

Note: The **Air Zones** tab and all related Air Zone features only appear for systems that contain air zones. Some systems do not contain air zones.

View the thermostats in a zone

There are two ways to view thermostats in a zone. You can either view an air zone and see the list of attached thermostats, or view a thermostat and go to its zone directly.

To see which thermostats are in an air zone:

1. Click the  button.
2. Click the **Air Zones** tab.

To see which zone a thermostat is located in:

1. Click the  button, and then click the thermostat.
2. Click the **Go to Zone** button. The **Zone - Thermostats** screen (**Thermostat List** tab) displays all the thermostats in the air zone.

Change the heat or cool mode

This feature allows you to set the mode for all the thermostats in the air zone, or all the thermostats in your system regardless of which air zone they are in.

Another option is to use **Auto Mode** to control the heating and cooling equipment. In **Auto Mode**, the system uses the thermostat setpoints and temperatures to determine whether the system should be in heat or cool mode. At your discretion, you can force the system into heat or cool mode. When the weather conditions permit you might prefer to turn the system off. When the system is off, equipment will only respond to make adjustments if extreme heat or cool temperatures are detected by the system. (These extreme temperatures are set during installation.)

To change the mode for the zone:

1. Click the  button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Mode Settings** tab.
5. Click the radio button next to mode you want to use.

To change the mode for all the thermostats in the system:

1. Click the  button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Mode Settings** tab.
5. Click the radio button next to mode you want to use.
6. Click the **Apply to all thermostats in system** button.

Note: The **Air Zones** tab and all related Air Zone features only appear for systems that contain air zones. If your system does not include air zones, see Change the heat or cool mode for all thermostats.

Use fan and ventilation settings

The Climate Cŏntrol™ Network System uses a combination of recirculation fan and ventilation fan settings to keep the air fresh and maintain a consistent temperature throughout the zone. The recirculation fan moves air around within the zone, while the ventilation fan vents air out of the zone and draws in fresh air.

Note: If you disable the vent, the ventilation fan settings are set to **Off**.

To change the Normal and Setback recirculation fan settings:

1. Click the button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Fan and Ventilation** tab.
5. Click the **Select** button below Normal or Setback to change the settings. The settings are customized for the equipment installed in your home.

To change the ventilation fan mode:

1. Click the button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Fan and Ventilation** tab.
5. Click the **Select** button to enable or disable the ventilation fan.

To change the Normal and Setback ventilation fan settings:

1. Click the button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Fan and Ventilation** tab.
5. Click the **Select** button below Normal or Setback to change the settings. The settings are customized for the equipment installed in your home.

Set relative humidity

You can set a preferred setpoint for relative humidity for all the rooms in an air zone. However, the system automatically sets an optimal range for inside relative humidity. If your preferred setpoint falls outside this optimal range on a given day, the system will choose the closest relative humidity percentage within the optimal range. This is called the Active setpoint. Relative humidity is only adjusted if it reaches +/- 5° outside the optimal range.

To set the relative humidity setpoints:

1. Click the  button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Relative Humidity** tab.
5. Click the  or  buttons to change the relative humidity setpoint.

Note: The current relative humidity displayed on the **Relative Humidity** tab is the average relative humidity for all the thermostats in the zone.

Change a zone description

You can change the description of each zone. Use upper and lower case letters, numbers, and symbols to enter a unique name.

To change a description:

1. Click the  button.
2. Click the **Air Zones** tab.
3. Click an air zone.
4. Click the **Zone Properties** tab.
5. Click the **Edit** button.
6. Use the keypad to edit the description.
7. Click the **OK** button to save the description.

About hot water tanks

Your system can include one or two hot water tanks. You can set the temperatures of each hot water tank individually. If one tank is used primarily by children for example, you can set the setpoint a little lower to avoid the risk of scalding.

Depending on your installation, the hot water tank might be set to automatically run a Legionella prevention cycle. Legionella is a form of bacteria that can develop in hot water tanks. If the Legionella cycle is enabled, the system periodically heats the water to over 158°F/70°C to kill any existing bacteria.

You can also set a hot water tank to allow the temperature to drop to 68°F/20°C if you use a schedule or the vacation calendar.

Change the hot water tank temperature

You can adjust the temperature of a hot water tank.

To adjust the hot water tank temperature:

1. Click the  button.
2. Click the **Hot Water Tank** tab.
3. Click the  or  buttons to adjust the hot water tank temperature.

When you adjust the temperature, the Touch Panel Interface initially displays the adjusted setpoint, and then it reverts to the current tank temperature.

Change hot water tank setpoints

You can adjust a hot water tank's setpoint.

To change the setpoint:

1. Click the button.
2. Click the **Hot Water Tank** tab.
3. Click the **Edit** button.
4. Click the or buttons to change the hot water tank's setpoint.

Change a hot water tank schedule

To change a hot water tank schedule:

1. Click the  button.
2. Click the **Hot Water Tank** tab.
3. Click the **Schedule** button.
4. Click the **Revise Schedule** button.

Change a hot water tank description

You can change the description of each hot water tank. Use upper and lower case letters, numbers, and symbols to enter a unique name.

To change a description:

1. Click the  button.
2. Click the **Hot Water Tank** tab.
3. Click the **Edit** button.
4. Click the **Edit** button again.
5. Use the keypad to edit the description.
6. Click the **OK** button to save the description.

About snow melt zones

A snow melt zone can prevent snow and ice forming on paths and driveways. Depending on the size of your installation you might have one or more snow melt zones. Each snow melt zone temperature is controlled by:

- The **Melt Target Temperature** is the target temperature the zone will use to melt snow.
- The **Idle Target Temperature** is the temperature at which the snow melt zone slab is kept generally. If you set this target to a sub-freezing temperature, the slab heats and melts snow more quickly than if the zone were turned off completely.

Change snow melt zone temperatures

You can set the Melt Target temperature to control the melting of snow in your snow melt zone. You can also set the system to hold at the Idle Target temperature, which will help the system melt the snow more quickly.

To change the target temperature:

1. Click the button.
2. Click the **Snow Melt** tab.
3. Click a snow melt zone.
4. Click the or buttons to adjust the Melt Target or Idle Target temperature.

To begin melting snow immediately:

1. Click the button.
2. Click the **Snow Melt** tab.
3. Click a snow melt zone.
4. Click the **Yes** radio button next to **Manual 'n' hr melt**.

Change a snow melt zone description

You can change the description of a snow melt zone. Use upper and lower case letters, numbers and symbols to enter a unique name.

To change a description:

1. Click the  button.
2. Click the **Snow Melt** tab.
3. Click a snow melt zone.
4. Click the **Edit Description** button.
5. Use the keypad to edit the description.
6. Click the **OK** button to save the description.

About other devices

Depending on the equipment installed in your system, the Touch Panel Interface might control devices such as sprinklers and lights (functional devices) or sensors for other types of devices (notification devices).

For functional devices, you can turn the device on or off, or run it according to a schedule. For example, if your system includes sprinklers, you might set up the schedule to run the sprinklers every other day, or according to local watering restrictions.

For notification devices, the contractor who installed your system created descriptions in the form of a question, with an answering status to give you information about the device. For example, if your system includes a septic tank with a sensor to gauge how full the tank is, the contractor would have entered a description of "Septic tank full?" The answering status would be "Yes" or "No".

Use a schedule to control functional devices

For functional devices, you can turn the device on or off, or run it according to a schedule. For example, if your system includes sprinklers, you might set up the schedule to run the sprinklers every other day, or according to local watering restrictions.

When you add time blocks to the schedule for functional devices, it turns the devices on. At other times, the device is turned off.

To use a schedule to control a functional device:

1. Click the button.
2. Click the **Other Devices** tab.
3. Click the **Functional Devices** button.
4. Click the **Edit** button for the other device you want to update.
5. Click the **Run according to schedule** radio button.

To change the schedule for a functional device:

1. Click the button.
2. Click the **Other Devices** tab.
3. Click the **Functional Devices** button.
4. Click the **Sched** button for the other device you want to update.
5. Click the **Revise Schedule** button.

Turn on or off functional devices

You can turn functional devices on or off.

To turn a functional device on or off:

1. Click the  button.
2. Click the **Other Devices** tab.
3. Click the **Functional Devices** button.
4. Click the **Edit** button for the other device you want to update.
5. Click the **Force device on** or **Force device off** radio button.

Change a functional device description

You can change the description of functional devices. Use upper and lower case letters, numbers, and symbols to enter a unique name.

To change a description:

1. Click the  button.
2. Click the **Other Devices** tab.
3. Click the **Functional Devices** button.
4. Click the **Edit** button.
5. Click the **Edit Description** button.
6. Use the keypad to edit the description.
7. Click the **OK** button to save the description.

Change a notification device description

You can change the notification device descriptions. Use upper and lower case letters, numbers, and symbols to enter a unique name.

It is recommended that you end the notification description with a question mark (?) so that a **Yes** or **No** status is meaningful. For example, if your system includes a septic tank with a sensor to gauge how full the tank is, the notification description could be "Septic tank full?" The answering status would be "Yes" or "No".

To change a description:

1. Click the  button.
2. Click the **Other Devices** tab.
3. Click the **Notification Devices** button.
4. Click the **Edit** button.
5. Use the keypad to edit the description.
6. Click the **OK** button to save the description.

About schedules

Schedules are regularly used to control the equipment installed in your home. One or more thermostats can share a schedule, but other equipment, such as hot water tanks and other devices are each attached exclusively to a particular schedule.

By default, schedules use Setback setpoints to conserve energy. If you want the system to run on Normal setpoints at certain times of the day, such as those times when you are at home, you must add time blocks to the schedule. Time blocks on the schedule mean that Normal setpoints are used. At all other times, Setback setpoints are used.

On days that you want to use Normal setpoints, because you will be home, you can add override time blocks to the schedule and add dates to the override calendar. For example, if the regular schedule keeps the temperature low during the day, but you know you will be home on Friday, you could add an override time block to the schedule for the hours you will be home, and add Friday's date to the override calendar to keep the temperature at normal levels that day.

On override days set in the override calendar, all schedules use the override "day" time blocks, which can vary from schedule to schedule. See Override a schedule.

The vacation calendar, however, sets all the equipment to use Setback setpoints for the entire day. See About the vacation calendar.

Set up a schedule

To set up a schedule to control a thermostat, hot water tank, or other devices, find the schedule and then add time blocks to define the times you want to use Normal setpoints. Normal setpoints keep rooms at a comfortable temperature. Setback setpoints are used to conserve energy when you are away from the home or at night.

Override time blocks are used on days specified in the override calendar. If you know that you want to override schedules on particular days, set those days in the override calendar, and add time blocks to the override "day" in each schedule.

Note: If you use a schedule to control your hot water tank, the schedule controls whether the hot water tank is on or off, rather than using Normal and Setback setpoints.

To find a schedule:

1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click one of the following buttons:
   - **Thermostat Schedules**
   - **Hot Water Tank Schedules**
   - **Other Device Schedules**
4. Click a schedule.
5. Click the **Revise Schedule** button.

To add a time block to the schedule:

1. Click the **Add Time Block** button.
2. Click a day button.
3. Click the  or  buttons to set the start and end time for the time block.
4. Click the **OK** button.

To change a time block on the schedule:

1. Click a time block.
2. Click a day button.
3. Click the  or  buttons to set the start and end time for the time block.
4. Click the **OK** button.

To delete a time block from the schedule:

1. Click a time block.
2. Click the **Delete** button.

Add a thermostat to a schedule

You can attach thermostats to schedules on a one-to-one ratio (one thermostat per schedule), or you can attach several thermostats to a single schedule.

To add a thermostat to a schedule:

1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click one of the following buttons:
    - **Thermostat Schedules**
    - **Hot Water Tank Schedules**
    - **Other Device Schedules**
4. Click a schedule.
5. Click the **Add Thermostat** button.
6. Click the **Add** button below the thermostat you want to attach to the schedule. Thermostats that are attached display the label **Attached**.

Override a schedule

On days that you are at home when you would normally be away, you can override the regular time blocks for the day in the schedule and use override time blocks. On days that are specified in the Override Calendar, any schedules that include override time blocks, will use Normal setpoints during the override time blocks.

Tip: If you will be away from home, add dates to the Vacation Calendar so that the system will use Setback setpoints to conserve energy. See About the vacation calendar.

To override a schedule:

1. On each schedule that you want to override, add time blocks for the times you want the override to be in effect. See Add an override time block to a schedule.
2. On the Override Calendar, add dates when the override time blocks should be used. See Set dates on the override calendar and Set recurring override dates.

Add an override time block to a schedule

On override days, for times that you want to use Normal setpoints, you need to add override time blocks to the schedules you want to override. For example, if you want to use Normal air temperature setpoints for a thermostat or air zone, so that the house is a comfortable temperature, you need to add time blocks to the schedule attached to the thermostat or air zone.

To find a schedule:

1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click one of the following buttons:
    - **Thermostat Schedules**
    - **Hot Water Tank Schedules**
    - **Other Device Schedules**
4. Click a schedule.
5. Click the **Revise Schedule** button.

To add an override time block to the schedule:

1. Click the **Add Time Block** button.
2. Click the **Override** button.
3. Click the  or  buttons to set the start and end time for the time block.
4. Click the **OK** button.

Set dates on the override calendar

You can set a single override date or a range of dates on the calendar.

To view the override calendar:

1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click the **Override Calendar** button.

To add a single date to the calendar:

1. Click the **Add** button next to **Single Date**.
2. Click the date on the calendar. The date is displayed on the calendar as a blue square.
3. Click the **OK** button.
4. Click the **Save & Close** button.

To add a range of dates to the calendar:

1. Click the **Add** button next to **Date Range**.
2. Click the start date for the range.
3. Click the end date for the range. The dates are displayed on the calendar as red squares.
4. Click the **OK** button.
5. Click the **Save & Close** button.

Set recurring override dates

You can set recurring override dates on the calendar.

To view the override calendar:

1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click the **Override Calendar** button.

To add a recurring date to the calendar:

1. Click a date on the calendar.
2. Click the **Add** button next to **Recurring Date**.
3. Select the Month, Day, and Year recurrence pattern.
4. Click the **OK** button. The dates are displayed on the calendar as green squares.
5. Click the **Save & Close** button.

To add a recurring week and day to the calendar:

1. Click a date on the calendar.
2. Click the **Add** button next to **Recurring Week and Day**.
3. Select the Week, Day, and Month recurrence pattern.
4. Click the **OK** button. The dates are displayed on the calendar as purple squares.
5. Click the **Save & Close** button.

Remove an override date

You can remove override dates from the calendar.

To view the override calendar:

1. Click the  button.
2. Click the **Schedule Settings** tab.
3. Click the **Override Calendar** button.

To delete a single date:

1. Click the vacation date on the calendar.
2. Click the **Delete** button.
3. Click the **Save & Close** button.

To delete a range of dates:

1. Click one of the dates in the range.
2. Click the **Delete** button.
3. Click the **Save & Close** button.

About the vacation calendar

You can use the vacation calendar to run your system on Setback setpoints to conserve energy when you are away from home. For example, if you will be away from home on vacation for a week, you can add those dates in the vacation calendar, to use Setback setpoints. No schedules are used when your system is on a vacation day.

You can add individual dates, a range of dates, recurring dates, and recurring weeks and days to the calendar, or you can set the Climate Cŏntrol™ Network System to ignore the calendar and revert to using the regular schedules.

Note: Generally, Setback setpoints are set to lower temperatures and settings to conserve energy. However, if your Climate Cŏntrol™ Network System is installed in a vacation property that is usually unoccupied, you can add dates to the vacation calendar for days that the property will be occupied. You would also need to set the Normal setpoints to lower temperatures, and the Setback setpoints to more comfortable temperatures.

Tip: It is recommended that you check the system date before you update the vacation calendar. See Adjust the date.

Set dates on the vacation calendar

You can set a single vacation date or a range of dates on the calendar.

To view the vacation calendar:

1. Click the  button.
2. Click the **Vacation Settings** tab.
3. Click the **Vacation Calendar** button.

To add a single date to the calendar:

1. Click the **Add** button next to **Single Date**.
2. Click the date on the calendar. The date is displayed on the calendar as a blue square.
3. Click the **OK** button.
4. Click the **Save & Close** button.

To add a range of dates to the calendar:

1. Click the **Add** button next to **Date Range**.
2. Click the start date for the range.
3. Click the end date for the range. The dates are displayed on the calendar as red squares.
4. Click the **OK** button.
5. Click the **Save & Close** button.

Set recurring vacation dates

You can set recurring vacation dates on the calendar.

To view the vacation calendar:

1. Click the  button.
2. Click the **Vacation Settings** tab.
3. Click the **Vacation Calendar** button.
4. Click the **Save & Close** button.

To add a recurring date to the calendar:

1. Click a date on the calendar.
2. Click the **Add** button next to **Recurring Date**.
3. Select the Month, Day, and Year recurrence pattern.
4. Click the **OK** button. The dates are displayed on the calendar as green squares.
5. Click the **Save & Close** button.

To add a recurring week and day to the calendar:

1. Click a date on the calendar.
2. Click the **Add** button next to **Recurring Week and Day**.
3. Select the Week, Day, and Month recurrence pattern.
4. Click the **OK** button. The dates are displayed on the calendar as purple squares.
5. Click the **Save & Close** button.

Remove vacation dates

You can remove vacation dates from the calendar.

To view the vacation calendar:

1. Click the  button.
2. Click the **Vacation Settings** tab.
3. Click the **Vacation Calendar** button.

To delete a single date:

1. Click the vacation date on the calendar.
2. Click the **Delete** button.
3. Click the **Save & Close** button.

To delete a range of dates:

1. Click one of the dates in the range.
2. Click the **Delete** button.
3. Click the **Save & Close** button.

About system settings

System settings are used to control features that affect the Climate Cŏntrol™ Network System, including the system time and date, and the system description.

If you have at least one air zone, you can also globally set the mode for all thermostats in the system.

You can also adjust settings for a particular Touch Panel Interface such as the backlight timing and the volume of clicks when you click items on the screen. And you can see the IP address of the Touch Panel Interface, which can be used to log into the Climate Cŏntrol™ Network System from a home computer.

Adjust the time

You can adjust the time for the Climate Cŏntrol™ Network System and you can adjust the time format for this Touch Panel Interface.

The **Adjust Time** tab also displays the time zone, the current Daylight Savings status, and the time and dates on which Daylight Savings Time changes. These settings cannot be modified.

To adjust the time:

1. Click the  button.
2. Click the **System Properties** tab.
3. Click the **Global Properties** button.
4. Click the **Adjust Time** button.
5. Click the  or  buttons to edit the hours and minutes.

To adjust the time format:

1. Click the  button.
2. Click the **System Properties** tab.
3. Click the **Global Properties** button.
4. Click the **Adjust Time** button.
5. Click the **AM** or **PM** radio button to select morning or afternoon, or click the  button to change between 12 hour format (e.g., 1:00 PM) and 24 hour format (e.g., 13:00).

Note: This setting only adjusts the Touch Panel Interface you are standing in front of, or the particular Touch Panel Interface you have logged into from your home computer.

Adjust the date

You can adjust the date for the Climate Cŏntrol™ Network System.

To adjust the date:

1. Click the  button.
2. Click the **System Properties** tab.
3. Click the **Global Properties** button.
4. Click the **Adjust Date** button.
5. Click the  or  buttons to edit the day, month and year.

Adjust the mode for all thermostats

If you have at least one air zone in your Climate Cŏntrol™ Network System, you can globally adjust the mode for all the thermostats in the system. If the mode is not supported for a thermostat, the thermostat is turned off.

To globally adjust the mode:

1. Click the  button.
2. Click the **System Properties** tab.
3. Click the **Global Properties** button.
4. Click the **Global Mode** button.
5. Click one of the following buttons:

    - **All Thermostats Heat Mode**
    - **All Thermostats Cool Mode**
    - **All Thermostats Off**

Change the system description

You can change the description (name) of the system. Use upper and lower case letters, numbers and symbols to enter a unique name. This is the name that appears at the top of the Touch Panel Interface.

To change the description:

1. Click the  button.
2. Click the **System Properties** tab.
3. Click the **Global Properties** button.
4. Click the **System Description** button.
5. Click the **Edit** button.
6. Use the keypad to edit the description.
7. Click the **OK** button to save the description.

Switch the Touch Panel Interface temperature display between Fahrenheit and Celsius

You can change the temperatures displayed on the Touch Panel Interface between Fahrenheit and Celsius.

This setting only adjusts the Touch Panel Interface you are standing in front of, or the particular Touch Panel Interface you have logged into from your home computer.

To switch between Fahrenheit and Celsius:

1. Click the  button to change between Fahrenheit and Celsius.

Note: You can also change the temperature display for a thermostat. See Switch the thermostat temperature display between Fahrenheit and Celsius.

Set the Touch Panel Interface backlight timing

You can set the length of time that the Touch Panel Interface remains lit after you touch it. Backlighting is only apparent in low light or when the room is dark.

This setting only adjusts the Touch Panel Interface you are standing in front of, or the particular Touch Panel Interface you have logged into from your home computer.

To set the backlight timing for the Touch Panel Interface:

1. Click the button.
2. Click the **System Properties** tab.
3. Click the **Touch Panel Interface** button.
4. Click the **Backlight Timing** button.
5. Click the or buttons to edit the number of minutes the screen stays lit.

Note: You can also change the backlight timing for a thermostat. See Set thermostat backlight timing.

Adjust the click volume

You can adjust the volume of the click that sounds when you touch the Touch Panel Interface.

This setting only adjusts the Touch Panel Interface you are standing in front of, or the particular Touch Panel Interface you have logged into from your home computer.

To adjust the volume:

1. Click the  button.
2. Click the **System Properties** tab.
3. Click the **Touch Panel Interface** button.
4. Click the **Click Volume** button.
5. Click one of the radio buttons to adjust the click volume.