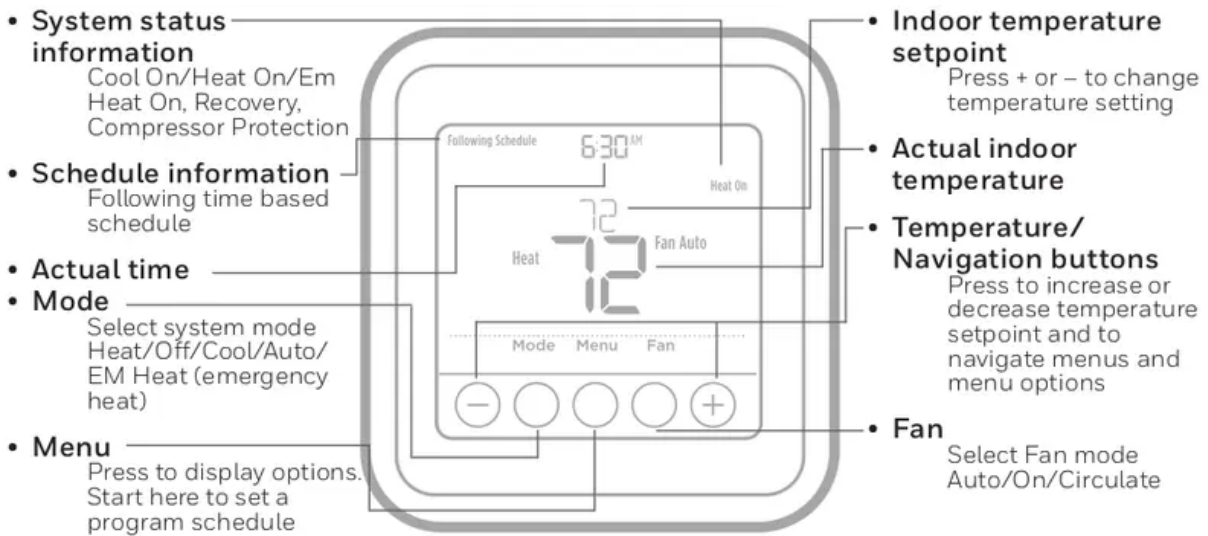


Read before installing Thermostat controls



The screen will wake up by pressing any of the five buttons. If powered by the C wire, the screen stays lit for 45 seconds after you complete changes. If powered by battery only, the screen stays lit for 8 seconds. Depending on how your thermostat was installed, the screen light may always be on.

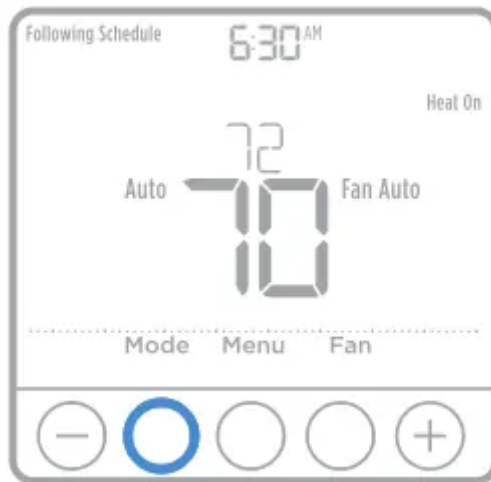
System operation settings

- 1 Press the **Mode** button to cycle to the next available System mode.
- 2 Cycle through the modes until the required System mode is displayed and leave it to activate.

NOTE: Available System modes vary by model and system settings.

System modes:

- Auto
- Heat
- Cool
- Em Heat
- Off



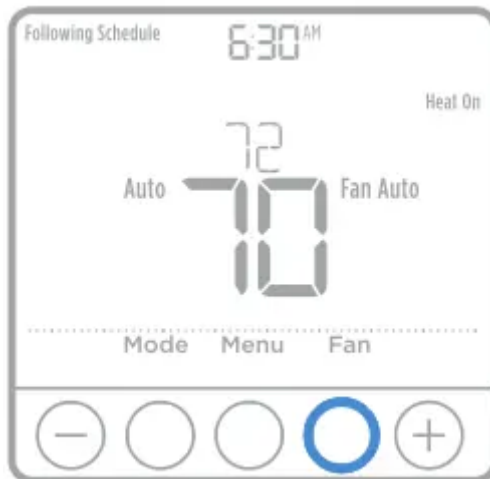
Fan operation settings

- 1 Press the Fan button to cycle to the next available Fan mode.
- 2 Cycle through the modes until the required Fan mode is displayed and leave it to activate.

NOTE: Available Fan modes vary with system settings.

Fan modes:

- Auto: Fan runs only when the heating or cooling system is on.
- On: Fan is always on.
- Circ: Fan runs randomly about 33% of the time.



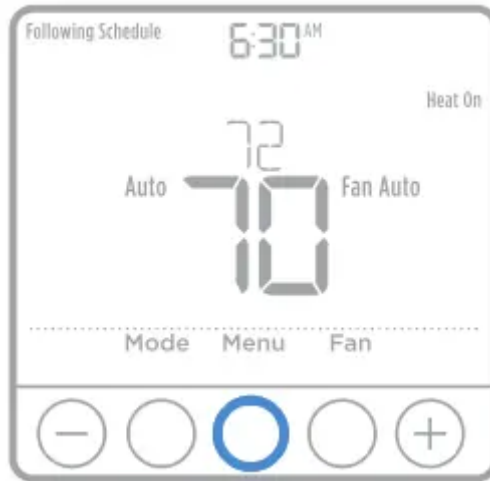
Set the time and date

Time

- 1 Press Menu on your thermostat.
- 2 Press + or - to go to **TIME**. Press Select.
- 3 Press + or - to choose between 12 or 24 hour. Press **Select**.

4 Use + or - to adjust the hour. Press **Select**.

5 Use + or - to adjust the minutes. Press **Select** to exit **Time** menu.



Date

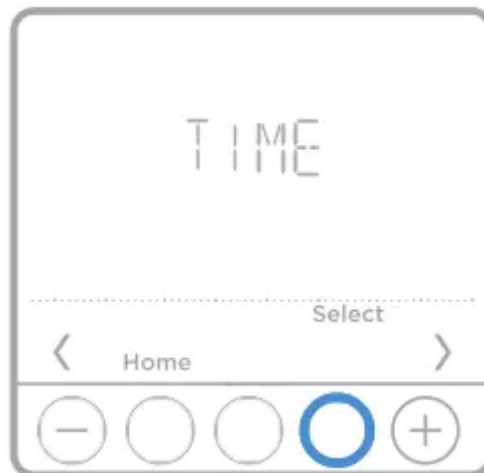
1 If previously setting time, continue to Step 2 If at the Home screen, press Menu on your thermostat.

2. Press + or - to go to DATE. Press Select.

3. Use + or - to adjust year. Press Select.

4. Use the + or - to adjust month. Press Select.

5. Use the + or - to adjust day. Press Select to save and exit Date menu.



Program Schedule

You can program four time periods each day, with different settings for weekdays and weekends. We recommend the pre-sets (shown in the table below), since they can reduce your heating/cooling expenses.

Wake - Set to the time you wake up and the temperature you want during the morning, until you leave for the day.

Away - Set to the time you leave home and the temperature you want while you are away (usually an energy-saving level).

Home - Set to the time you return home and the temperature you want during the evening, until bedtime.

Sleep - Set to the time you go to bed and the temperature you want overnight (usually an energy-saving level).

NOTE: To temporarily or permanently override any of the above program schedules.

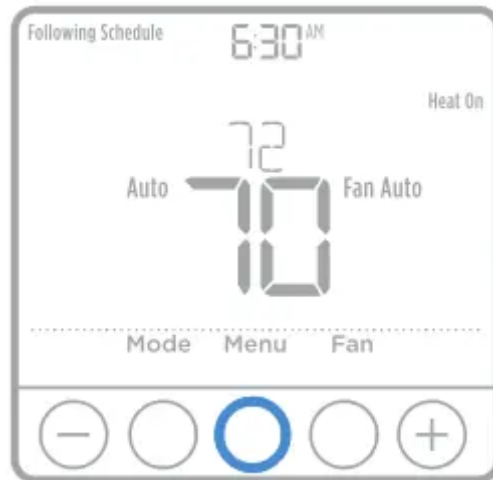
	Heat	Cool
Wake (6:00 am)	70°	78°
Away (8:00 am)	62°	85°
Home (6:00 pm)	70°	78°
Sleep (10:00 pm)	62°	82°

To adjust program schedules

- 1 Press Menu on your thermostat.
- 2 PROG is displayed. Press Select. Then ON is displayed. (If you do not want to use a schedule, press + or - to display OFF. Press Select.) Press Select.
- 3 Press + or - to select day or set of days to edit. Press Select.
- 4 Press + or - to select a schedule period to edit (Wake, Away, Home, and Sleep). Press Select.
- 5 ON is displayed. Press Select to keep the schedule period on. Or press + and then Select to turn off the schedule period.
- 6 Time starts blinking. Press + or - to adjust the schedule period start time. Press Select.
- 7 Temperature starts blinking. Press + or - to adjust the "Heat" setpoint temperature. Press Select. Press + or - to adjust the "Cool" temperature setpoint. Press Select.
- 8 Repeat steps 4 through 7 for the remaining schedule periods.

9 Press Home when you're finished to save and return to the home screen.

10 Schedule can be adjusted and turned ON or OFF by returning to Menu and following the steps provided above.



Program schedule override (temporary)

1 Press + or - to adjust the temperature.

2 Once at the desired setpoint temperature, no further action is needed. The new setpoint temperature will be held until the next scheduled time period begins. For more information on schedule time periods, see "Program Schedule" on page 3.

3 To cancel the Temporary Hold, Press + or - and then press Cancel.

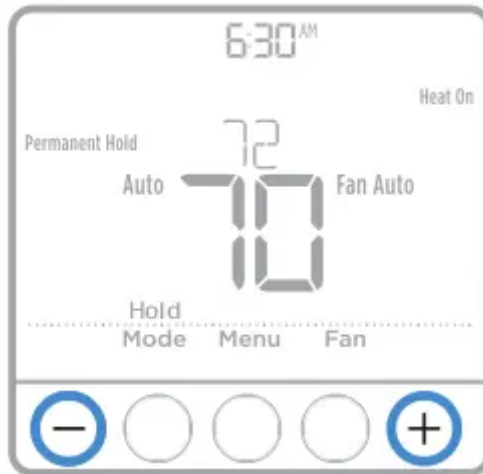


Program schedule override (permanent)

1 Press + or - to adjust the temperature.

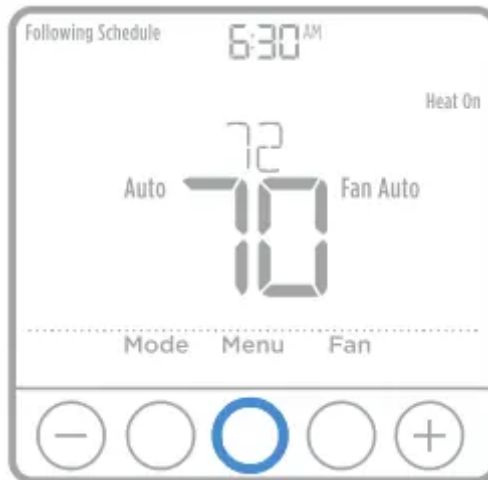
2 TEMPORARY HOLD is displayed and the setpoint temperature flashes. While it's flashing, press Hold (Mode) button to change to Permanent Hold.

3 To cancel the Permanent Hold, press (+) or - and then press Cancel.



Setting degrees Fahrenheit (F) or Celcius (C)

- 1 Press **Menu**.
- 2 Press + or - to go to **F/C**. Press **Select**.
- 3 Press + or - for For C. Then press **Select**.
- 4 Press **Home** to return to the home screen.



Adjusting keypad lockout

- 1 Press Menu on the thermostat.
- 2 Press + or \- to go to LOCK. Press Select.
- 3 Press + or - to go to OFF, PART, or ON, and then press Select. OFF: Unlocked, and full access allowed. PART: Partial lockout, allowing only the temperature to be changed. ON: No access allowed.
- 4 To unlock the keypad, press the CENTER button and then enter the password "1234". To enter the password, press + or - to change the first digit of the number. Then press Select.

Repeat this process to enter the second through fourth digits of the number. Once all four numbers have been entered, press Select again.

5 This will unlock the keypad.

6 If the code is incorrect, the screen will flash the lines "--".

7 Press Back to go back a step to enter the correct number and press Select.

NOTE: On some models, the keypad lockout setting is only available in the installer menu and not available in the user menu.

Adaptive Intelligent Recovery

Over time, the T6 Pro Thermostat “learns” how long it takes your system to reach the temperature you want. It turns on the heating or cooling system earlier to make sure you're comfortable at the time you expect.

Built-in compressor protection

Damage can occur if the compressor is restarted too soon after shutdown. This feature forces the compressor to wait for a few 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.

Message flashes until safe restart time has elapsed.



Battery replacement

Batteries are optional (to provide backup power) if your thermostat was wired to run on AC power when installed. If your thermostat was not wired to run on AC power, then batteries are required.

Install fresh batteries immediately when the low battery icon appears. The icon appears about two months before the batteries are depleted.

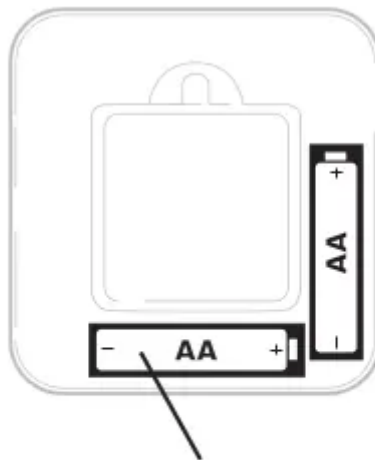
Even if the low battery icon does not appear, you should replace batteries once a year, or before leaving home for more than a month.

If batteries are inserted within two minutes, the time and day will not have to be reset. All other settings are permanently stored in memory, and do not require battery power.

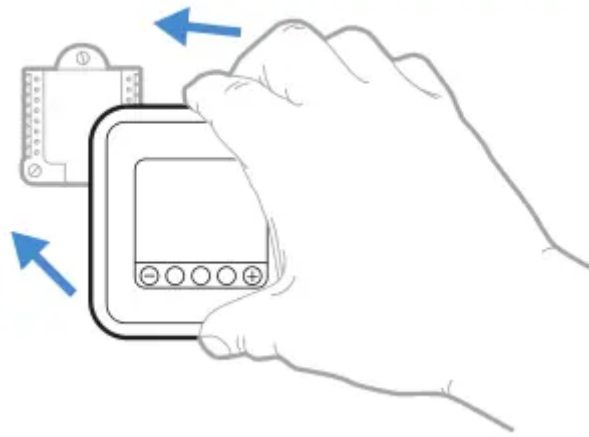
NOTE: When replacing batteries, alkaline batteries are recommended.




When the low battery warning appears, carefully pull the thermostat from the wall mount.




Insert fresh alkaline AA batteries and reinstall thermostat.




Alerts

If there is an alert or reminder, the alert icon  appears on the Home screen.

Low Battery Warning

1 The batteries need to be replaced when BATT, the alert icon , and the battery icon are displayed on the Home screen.


2 When the battery power is very low, the thermostat's backlight is disabled to save battery power.

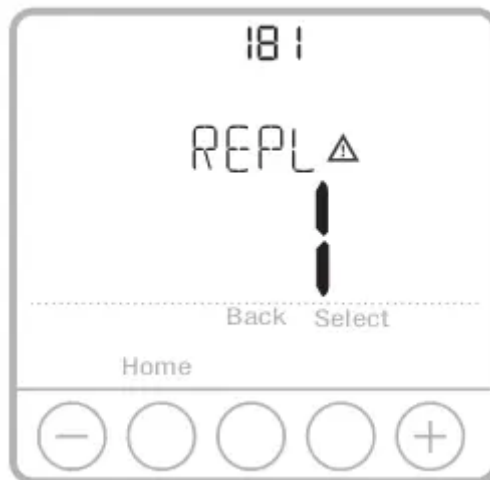
3 When battery power is critically low, only BATT, the alert icon , and the battery icon are displayed.





Air Filter Reminder

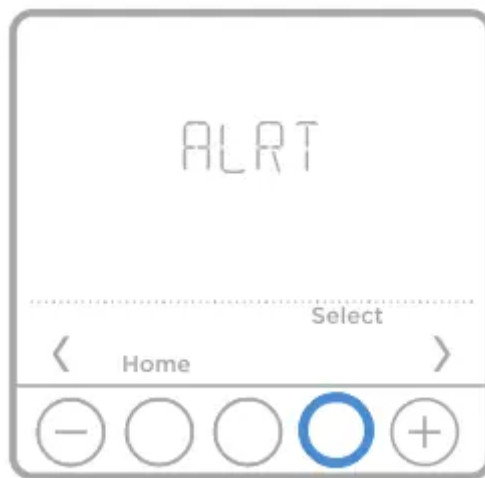
- 1 The alert icon  appears on the Home screen.
- 2 Press Menu, and then press + until display shows ALRT.
- 3 Press Select to display which alert(s) are present.
- 4 The message REPL (REPLACE AIR FILTER) appears.
- 5 The reminder can be snoozed or cleared. Resideo recommends changing the air filter before clearing the reminder.
- 6 To snooze, press Select. The word SNZE (SNOOZE) appears.
- 7 Press Select again to snooze the reminder for 7 days.
- 8 To clear, press Select, and then press + to go to CLER (Clear).
- 9 Press Select to clear the air filter reminder.



Snoozing and Clearing Alerts or Reminders

- 1 Press Menu, and then press + until display shows ALRT.
- 2 Press Select to display which alert(s) are present.
- 3 The word SNZE (SNOOZE) appears.
- 4 Press Select again to snooze the reminder for 7 days.
- 5 To clear the alert, press Select, and then press + to go to CLER (Clear).
- 6 Press Select to clear the reminder.

Some alerts cannot be snoozed or cleared. Please call your local heating and cooling professional if this occurs. The heating and cooling system may require service.



Troubleshooting

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

Display is blank

- Check circuit breaker and reset if necessary.
- Make sure power switch for heating & cooling system is on.
- Make sure furnace door is closed securely.
- Make sure fresh AA alkaline batteries are correctly installed (see page 6).

Heating or cooling system does not respond

- Press Mode button to set system Heat (see page 2). Make sure the desired temperature is set higher than the inside temperature.
- Press Mode button to set system Cool (see page 2). Make sure the desired temperature is set lower than the inside temperature.
- Check circuit breaker and reset if necessary.

- Make sure power switch for heating & cooling system is on.
- Make sure furnace door is closed securely.
- Wait 5 minutes for the system to respond.

Temperature settings do not change

Make sure heating and cooling temperatures are set to acceptable ranges:

- * Heat: 40 °F to 90 °F (4.5 °C to 32.0 °C)
- * Cool: 50 °F to 99 °F (10.0 °C to 37.0 °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.

Electrical Ratings

Terminal	Voltage (50 Hz/60 Hz)	Running Current
W Heating	20 Vac - 30 Vac	0.02 A - 1.0 A
W2 (Aux) Heating	20 Vac - 30 Vac	0.02 A - 1.0 A
E Emergency Heat	20 Vac - 30 Vac	0.02 A - 0.5 A
Y Compressor Stage 1	20 Vac - 30 Vac	0.02 A - 1.0 A
Y2 Compressor Stage 2	20 Vac - 30 Vac	0.02 A - 1.0 A
G Fan	20 Vac - 30 Vac	0.02 A - 0.5 A
O/B Changeover	20 Vac - 30 Vac	0.02 A - 0.5 A
L/A Input	20 Vac - 30 Vac	0.02 A - 0.5 A

NOTE: Not for use with 250, 500, or 750 MV systems.

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.