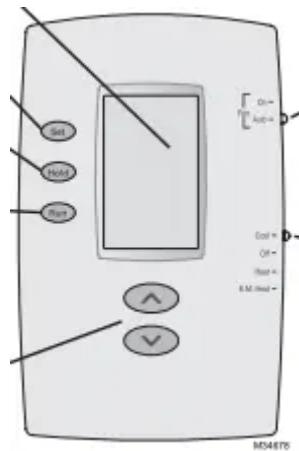


Quick reference to controls



Screen Lit for 12 seconds when you press any button.

Set: Press to set time/ day/schedule.

Hold: Press to override programmed temperature control.

Run: Press to resume program schedule.

Temperature adjustment

Fan Switch (see page 8)

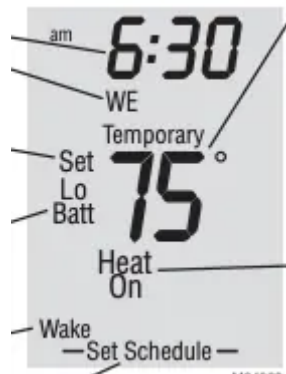
On: Fan runs continuously.

Auto: Fan runs only when heating or cooling system is on.

System switch (see page 7)

- Cool: Cooling system control.
- Off: All systems off.
- Heat: Heating system control.
- Em Heat: Emergency & Auxiliary Heat control. Compressor is locked out. (Select models only.)

Quick reference to display screen



Current day/time (see page 6)

Setpoint indicator Appears when the setpoint temperature is displayed.

Low battery warning (see page 16)

Current program period Wake/Leave/Return/Sleep (see pages 9–10)

Set Schedule (see pages 9–10)

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.

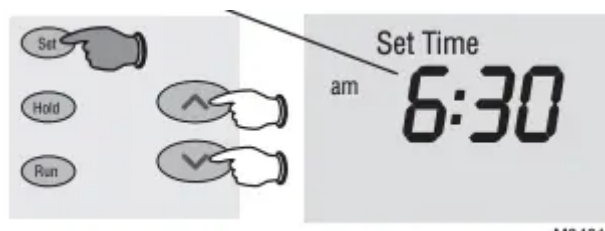
System status

- **Cool On:** Cooling system is on.
- **Heat On:** Heating system is on.
- **Aux On:** Auxiliary heat is on. (Only for heat pumps with this capability [select models only].)

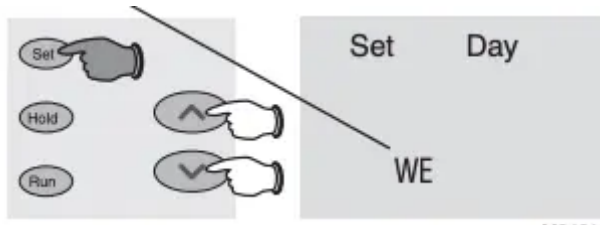
When Heat On or Cool On is flashing, compressor protection is engaged (see page 14).

Set the time and day

Press SET, then adjust time



Press SET, then select current day



- 1. Press the SET button, then press ▲ or ▼ to set the clock time.
- 2. Press the SET button, then press ▲ or ▼ to select the day of the week.
- 3. Press RUN to save & exit.

Note: If the clock flashes, the thermostat will follow your settings for the Monday “Wake” time period until you reset the time and day.

Select the system setting



Set SYSTEM switch to control the heating or cooling system.

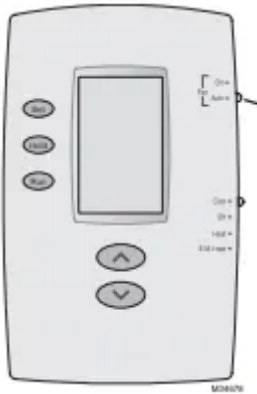
The SYSTEM switch can be set to control your heating or cooling system, depending on the season.

- Cool: Cooling system control.
- Off: All systems are off.
- Heat: Heating system control.
- Em Heat: Emergency & Auxiliary Heat control. Compressor is locked out. (Select models only.)

CAUTION: EQUIPMENT DAMAGE HAZARD. To prevent possible compressor damage, do not operate cooling system when outdoor temperature is below 50°F (10°C).



Select the fan setting



Set FAN switch to choose whether the fan runs continuously or only as M34678 needed.





Set the FAN switch to Auto or On.

In “Auto” mode (the most commonly used setting), the fan runs only when the heating or cooling system is on.

If set to “On,” the fan runs continuously





Save money by setting program schedules

It's easy to program your system for maximum energy savings. You can program four time periods each day, with different settings for weekdays and weekends

 <p>WAKE 6:00 am 70°</p>	<p>Set to the time you awaken and the temperature you want during the morning, until you leave for the day</p>
 <p>LEAVE 8:00 am 62°</p>	<p>Set to the time you leave home and the temperature you want while you are away (usually an energy-saving level).</p>
 <p>RETURN 6:00 pm 70°</p>	<p>Set to the time you return home and the temperature you want during the evening, until bedtime.</p>
 <p>SLEEP 10:00 pm 62°</p>	<p>Set to the time you go to bed and the temperature you want overnight (usually an energy-saving level).</p>

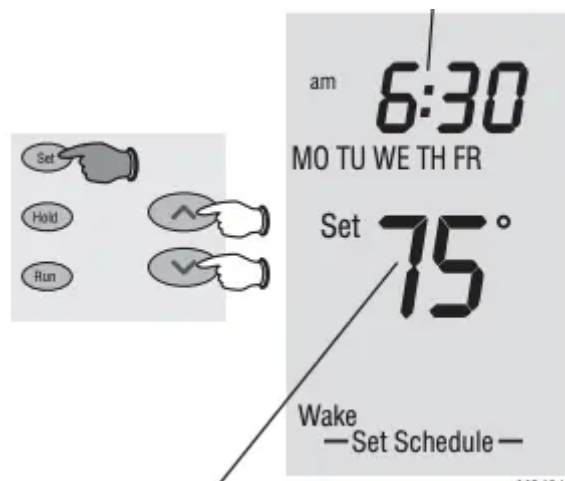
Energy saving settings for maximum cost savings

This thermostat is pre-set to use energy saving program settings. We recommend these settings, since they can reduce your heating/cooling expenses. (See next page to adjust times and temperatures of each time period.)

		Heat (Mon-Fri)	Cool (Mon-Fri)	Heat (Sat-Sun)	Cool (Sat-Sun)
Wake (6:00 am)		70°	78°	70°	78°
Leave (8:00 am)		62°	85°	62°	85°
Return (6:00 pm)		70°	78°	70°	78°
Sleep (10:00 pm)		62°	82°	62°	82°

To adjust program schedules

Press SET 3 times, then adjust time



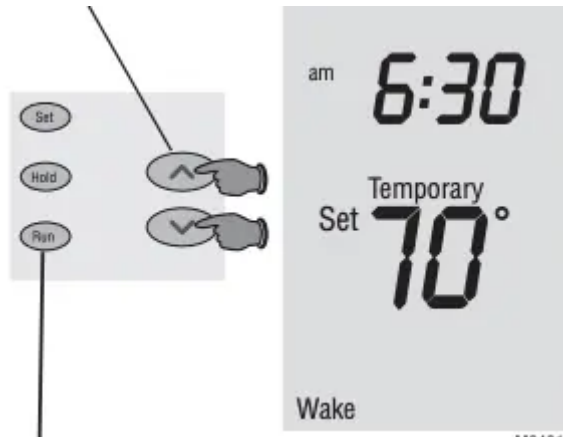
Press SET, then set desired temperature.

- 1. Press SET until Set Schedule is displayed.
- 2. Press ▲ or ▼ to set your weekday Wake time (Mo-Fr), then press SET.
- 3. Press ▲ or ▼ to set the temperature for this time period, then press SET.
- 4. Set time and temperature for the next time period (Leave). Repeat steps 2 and 3 for each weekday time period.
- 5. Press SET to set weekend time periods (Sa & Su), then press RUN to save & exit.

Note: Make sure the thermostat is set to the system you want to program (Heat or Cool).

Program schedule override (temporary)

Press to temporarily adjust temperature.



Press to cancel temporary setting and resume program schedule.

Press ▲ or ▼ to immediately adjust the temperature. This will temporarily override the temperature setting for the current time period.

"Temporary" will appear on the display and the current program period will flash.

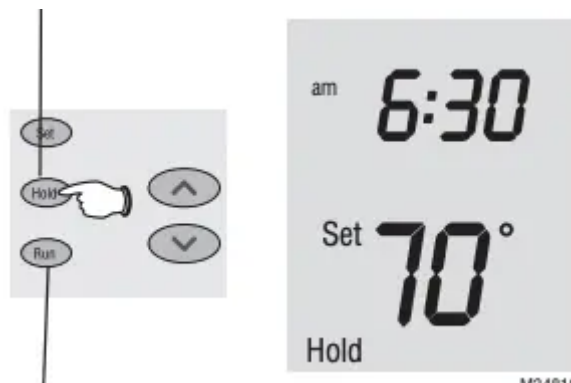
The new temperature will be maintained only until the next programmed time period begins (see page 9).

To cancel the temporary setting at any time, press RUN.

Note: Make sure the thermostat is set to the system you want to control (heat or cool).

Program schedule override (permanent)

Press to permanently adjust temperature.



Press to cancel "Hold" setting and resume program schedule.

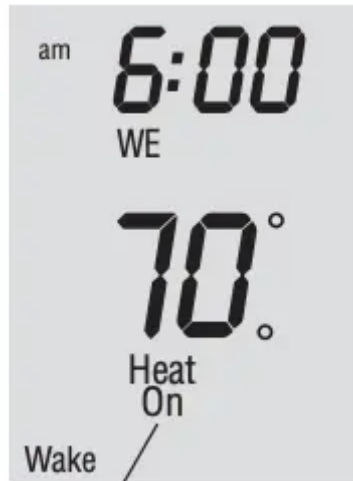
Press HOLD to permanently adjust the temperature. This will override the temperature settings for all time periods.

The “Hold” feature turns off the program schedule and allows you to adjust the thermostat manually, as needed.

Whatever temperature you set will be maintained 24 hours a day, until you manually change it, or press RUN to cancel “Hold” and resume the program schedule.

Note: Make sure the thermostat is set to the system you want to control (heat or cool).

Built-in compressor protection



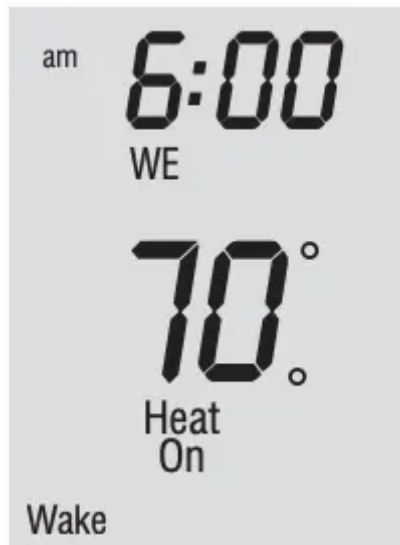
Message flashes until safe restart time has elapsed.

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 model). When the safe wait time has elapsed, the message stops flashing and the compressor turns on.

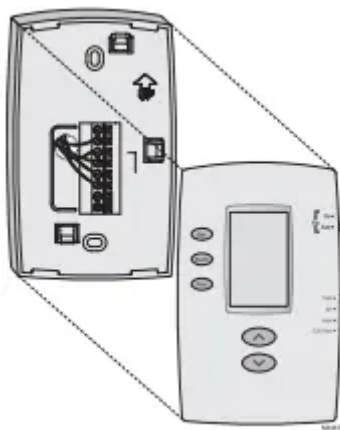
Early Start



Early Start: This feature allows the heating or cooling to turn on before the program start time, so the temperature is reached at the time you set. For example: Set the Wake time to 6 am, and the temperature to 70°. The heat will come on before 6 am, so the temperature is 70° by the time you wake at 6. The next time period is displayed when the system is activated before a scheduled time period.

Battery replacement

Pull at bottom to remove thermostat from wallplate.



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



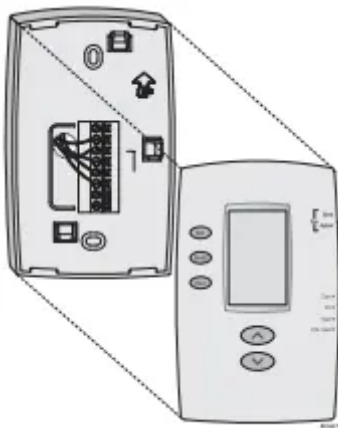
Install two fresh AAA batteries when Lo Batt flashes on the screen. Lo Batt appears for days before the batteries are depleted.

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

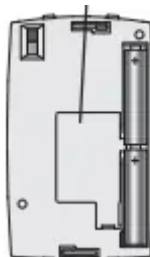
Most settings are stored in non-volatile (permanent) memory. Only the clock and the day must be set after you replace the batteries.

Customer assistance

Pull at bottom to remove thermostat from wallplate.



Turn thermostat over to find model number and date code



To save time, please note your model number and date code before calling.

In case of difficulty

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 at heating & cooling system is on.
- Make sure furnace door is closed securely.
- Make sure fresh AAA alkaline batteries are correctly installed see page 16).

Heating or cooling system does not respond

- Set system switch to Heat (see page 7). Make sure the temperature is set higher than the Inside temperature.
- Set system switch to Cool (see page 7). Make sure the temperature is set lower than the Inside temperature.
- 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° 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 (see page 14).

“Heat On” is not displayed

- Set the System switch to Heat, and set the temperature level above the current room temperature (see page 7).

“Cool On” is not displayed

- Set the System switch to Cool, and set the temperature level below the current room temperature (see page 7).

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.