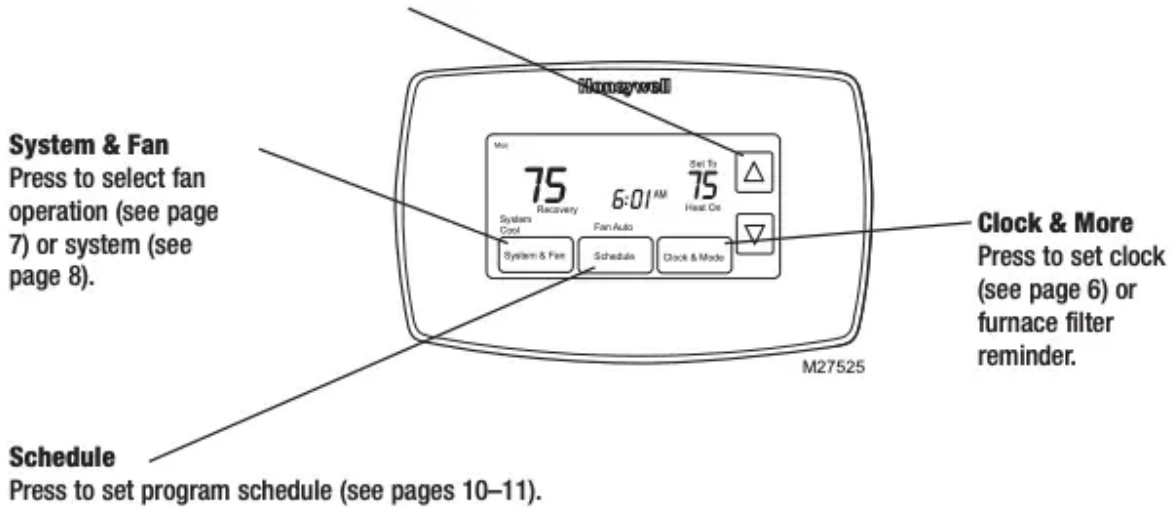


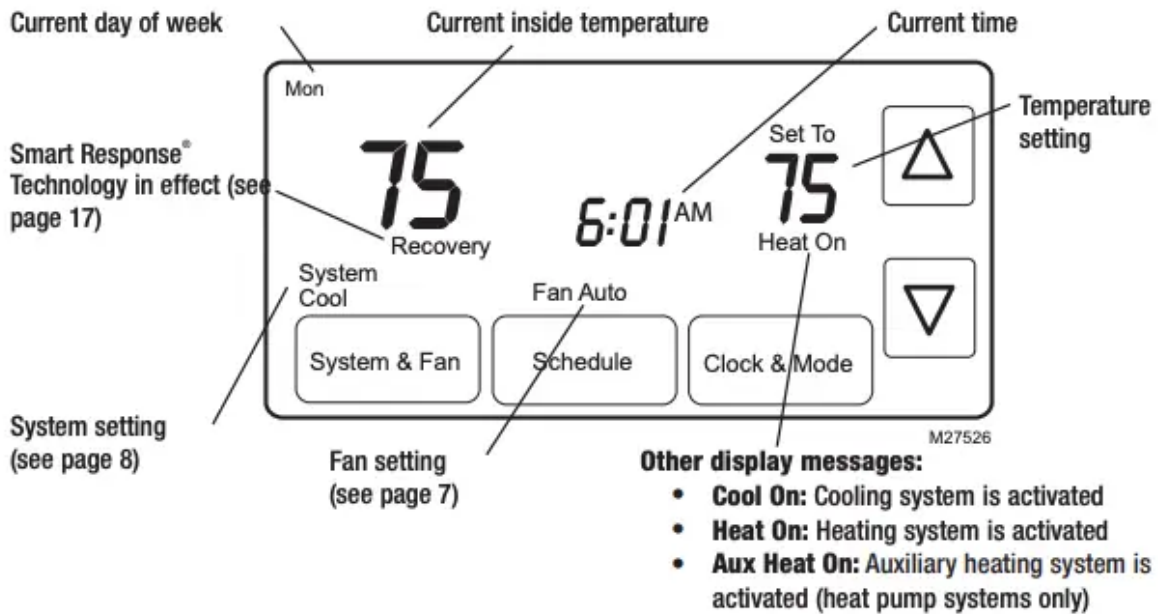
## Quick reference to controls

### Arrow keys

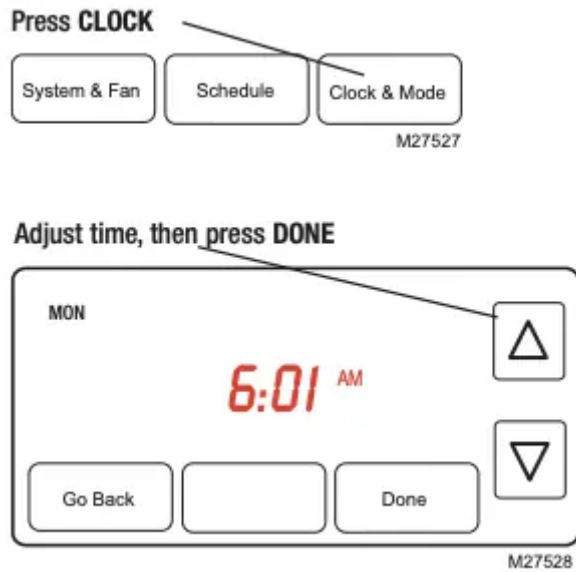
Press to adjust temperature (see pages 11–13), or to make selections from screen menus.



## Quick reference to status display



## Clock setting



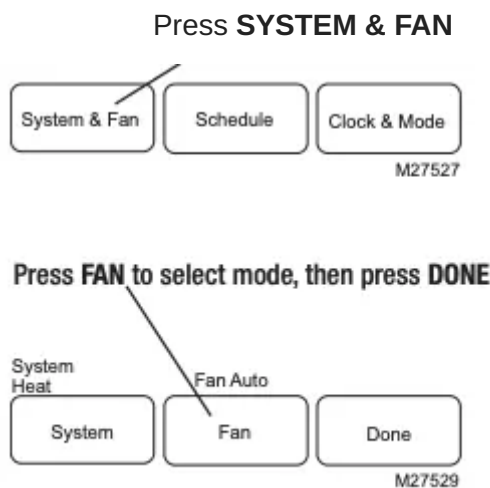
To set the current time display, press CLOCK, then press ▲ or ▼ to adjust the time. Press and hold ▲ or ▼ to advance the time more quickly.

Press DONE to save & exit (or press GO BACK to exit without changing the time).

**Note:** The real-time clock should never require adjustment since it automatically updates for daylight savings time, and stores all date/time information.

**Note:** To change the current week day display, see System Setup in your Installation Guide.

## Fan setting



Press SYSTEM & FAN, then FAN to select fan operation:

- On: Fan is always on.
- Auto: Fan runs only when the heating or cooling system is on.



## System setting

Press **SYSTEM & FAN**



Press **SYSTEM** to select mode, then press **DONE**



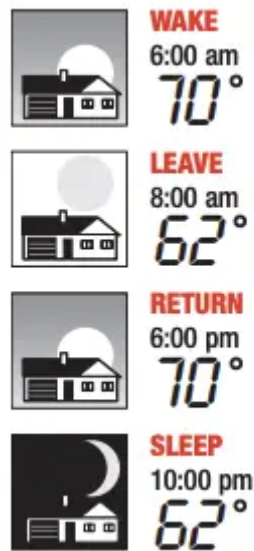
Follow steps at left to select system:

- Heat: Thermostat controls only the heating system.
- Cool: Thermostat controls only the cooling system.
- Auto: Thermostat automatically selects heating or cooling depending on the indoor temperature.
- Off: All systems are off.
- Em Heat (only for heat pumps with auxiliary heat): Thermostat controls Emergency and Auxiliary Heat. Compressor is locked out.

**Note:** The Auto and Em Heat system settings may not appear, depending on how your thermostat was installed.

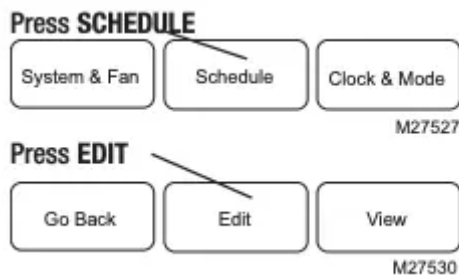
## Save money by setting program schedules

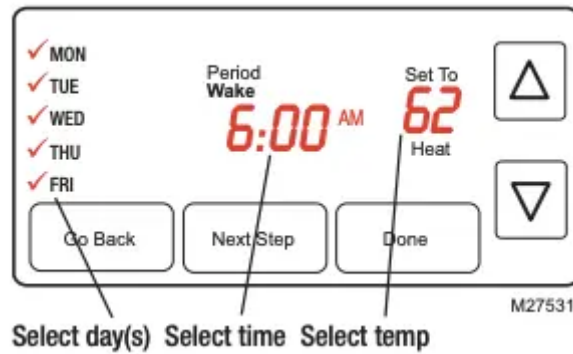
It's easy to program your system for maximum energy savings. You can program four time periods each day, with different settings for weekdays and weekends.



- Set to the time you awaken and the temperature you want during the morning, until you leave for the day.
- Set to the time you leave home and the temperature you want while you are away (usually an energy-saving level).
- Set to the time you return home and the temperature you want during the evening, until bedtime.
- Set to the time you go to bed and the temperature you want overnight (usually an energy-saving level).

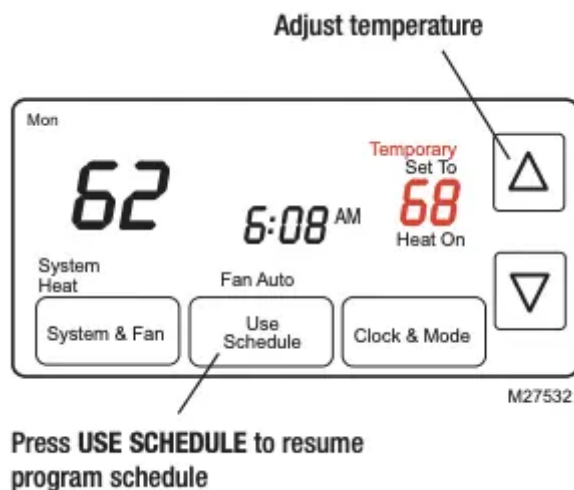
## To adjust program schedules





1. Press SCHEDULE, then EDIT to see weekdays.
2. Press SELECT DAY. You can select multiple days to program with the same settings.
3. Press NEXT STEP twice, then press ▲ or ▼ to set Wake time for selected day(s).
4. Press NEXT STEP, then ▲ or ▼ to set Heat temperature for this time period.
5. Press NEXT STEP, then ▲ or ▼ to set Cool temperature for this time period.
6. Repeat steps 3-5 to program other time periods (LEAVE, RETURN, SLEEP), then press DONE.
7. Repeat steps 1-6 to program Saturday/Sunday. (Press ▲ or ▼ until the desired day is flashing, then press SELECT DAY.)
8. Press DONE to save & exit.

## Program schedule override (temporary)



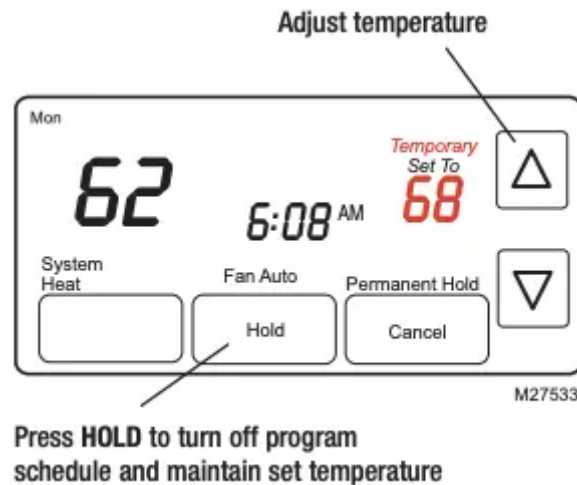
Press ▲ or ▼ to immediately adjust the temperature. This will temporarily override the temperature setting for the current time period.

The new temperature will be maintained until the next time period.

When the timer expires, the program schedule will resume and set the temperature to the level you've programmed for the current time period.

To cancel the temporary setting at any time, press USE SCHEDULE.

## Program schedule override (permanent)



Press ▲ or ▼<sup>†</sup> to adjust temperature, then press HOLD. This will turn off the program schedule.

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

## Auto Changeover

Use this feature in climates where both air conditioning and heating are used on the same day. When the system mode is in Auto, the thermostat automatically selects heating or cooling depending on the indoor temperature.

While in the Auto mode, if a schedule override takes place (temporarily or permanently) the thermostat will automatically adjust the cooling and heating settings to maintain a 3-degree separation between the cool and heat settings.

For example, if the heat temperature is raised to where it gets within 3-degrees of the cool setting, the display will show an up arrow next to "cool" to show the thermostat is raising the cool setting up to maintain a 3-degree separation.

The display will also show both "Auto" and either "Heat" or "Cool" for which temperature setting you are currently adjusting. Press the system button to select between the heat and cool to view/adjust either mode.

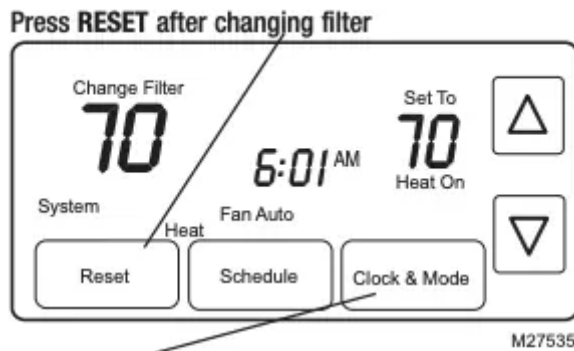
If the cool temperature is lowered to where it gets close to the heat setting, an arrow next to heat will show the thermostat is lowering the heat setting down to maintain a 3-degree separation.



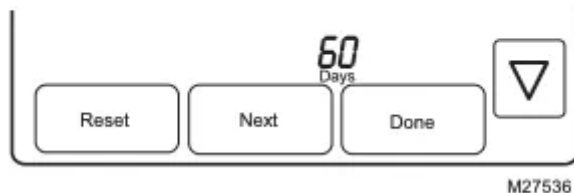
The triangle indicates the cool temperature is increasing to maintain 3 degrees between heat and cool settings.

**CAUTION:** To avoid possible compressor damage, do not use Auto Changeover if the outside temperature drops below 50°F (10°C).

### Furnace filter reminder



Press **MORE** to reset reminder interval



If activated during installation, the furnace filter reminder alerts you when it is time to replace your filter.

Press **RESET** after changing the filter, to restart the timer.

To reset the reminder interval before it expires:

1. Press **MORE**, then **NEXT**.
2. Press **RESET**.
3. Press **DONE** to save and exit.

## Special features

**Smart Response® Technology:** This feature allows the thermostat to “learn” how long the furnace and air conditioner take to reach programmed temperature settings, 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 message “Recovery” is displayed when the system is activated before a scheduled time period.

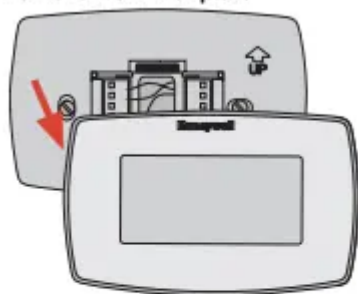
**Compressor Protection:** This feature forces the compressor to wait a few minutes before restarting, to prevent equipment damage. During the wait time, the message “Wait” is displayed on screen.

**Auto Changeover:** This feature is used in climates where both air conditioning and heating are used on the same day. When the system is set to Auto, the thermostat automatically selects heating or cooling depending on the indoor temperature. Heat and cool settings must be at least 3 degrees apart. The thermostat will automatically adjust settings to maintain this 3-degree separation.

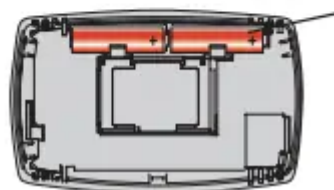
**CAUTION:** To avoid possible compressor damage, do not use Auto Changeover if the outside temperature drops below 50°F (10°C).

## Battery replacement/Customer assistance

Grasp thermostat and pull to remove from wallplate



M28419



Insert 2 fresh AA alkaline batteries

Batteries are optional (to provide backup power) if your thermostat was wired to run on AC power when installed.

Install fresh batteries immediately when the LO BATT warning begins flashing. The warning flashes about 30 days before batteries are depleted.

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

## 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.
- If thermostat is battery powered, make sure fresh AA alkaline batteries are correctly installed (see page 17).

### **No response to key presses (or temperature will 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).

### **Heating or cooling system does not respond**

- Press SYSTEM to set system to Heat. Make sure the temperature is set higher than the Inside temperature.
- Press SYSTEM to set system to Cool. Make sure the temperature is set lower than the Inside temperature.
- Check circuit breaker and reset if necessary.
- Make sure power switch at heating & cooling system is on.
- Make sure furnace door is closed securely.
- If “Wait” is displayed, the compressor protection timer is on. Wait minutes for the system to restart safely, without damaging the compressor (see page 15).

#### **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.