

Monitor thermostat operation, read current time and room temperature at a glance

Check status lights to see if the thermostat is on and saving energy even in the dark

Set different schedules for weekdays, Saturday, and Sunday

Choose manual or automatic thermostat operation

Program up to four different time periods in each schedule



Set the temperature warmer or cooler at the touch of a key

Bypass the stored program for a single period

Choose system and fan operating modes with the thermostat switches (on subbase)

AUX, HT, EM, HT, CHECK (on some models). See Glossary, page 29.

Simple Four-Step Programming

Of course, you can use the schedule preprogrammed into your new thermostat (see Glossary, page 29). But it's an easy matter to program the thermostat to fit your lifestyle.

- 1 Set the current time and day. See page 1.
- 2 Set the program schedule and heating temperatures. See page 2.
- 3 Set the cooling temperatures. See page 9.
- 4 Set the system and fan switches. See page 15.

PROGRAMMING YOUR THERMOSTAT

STEP 1 SET THE CURRENT DAY AND TIME

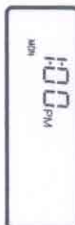
You can program this thermostat either on the wall or in your hand. SEE PAGE 25 TO FIND OUT HOW TO REMOVE THE THERMOSTAT FROM THE WALL.

Always press the keys with your fingertip or similar blunt tool. Sharp instruments like a pen or pencil point can damage the keyboard.

NOTE: Check the glossary, page 29, for definitions of unfamiliar words.



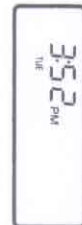
Press and release. The display shows 1:00 PM Mon.



Press and hold until the current day appears in the display.



Press and hold until the current time appears in the display. Be sure AM or PM appears as desired. You have programmed the current day and time. Go on to Step 2.



STEP 2 SET THE PROGRAM SCHEDULE AND HEATING TEMPERATURES

Before You Begin...
The schedule form on page 31 provides an opportunity to plan your schedule.

Now...
Start by programming the WAKE time and temperature for weekdays.

The thermostat requires a program for WAKE, LEAVE, RETURN and SLEEP or not, as you please.



Press and release. Note that the display shows WAKE and the preprogrammed time and temperature.



If the display reads COOL, press and release to switch to HEAT.



If display reads SAT or SUN, press and hold until MON TUE WED THU FRI appears.



Press and hold until the display shows the desired starting time.



PROGRAMMING YOUR THERMOSTAT



Press and hold until the display shows the desired temperature.



If the display starts to blink while you are holding down **TEMPERATURE WARMER** or **COOLER**, you have reached the setting limit. If your thermostat can switch automatically between heating and cooling, the heating temperature must be at least 3 degrees below the air conditioning temperature. For example, if the cooling setting is 75° F, the maximum heating setting is 72° F.



Press and release. The display shows **LEAVE**, but no time or temperature.



Press and hold until the display shows the desired starting time.



Press and hold until the display shows the desired temperature.



Program the **LEAVE** time and temperature, if desired.

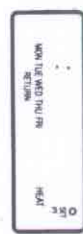
NOTE: You can cancel the **LEAVE**, **RETURN** or **SLEEP** program by holding down the period key until the time and temperature disappear from the display.

PROGRAMMING YOUR THERMOSTAT

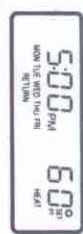
Program the RETURN time and temperature, if desired.



Press and release. The display shows RETURN, but no time or temperature.



Press and hold until the display shows the desired starting time.



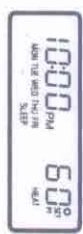
Press and hold until the display shows the desired temperature.



Program the SLEEP time and temperature, if desired.



Press and release. The display shows SLEEP and the preprogrammed time and temperature.



Press and hold until the display shows the desired starting time.



Press and hold until the display shows the desired temperature.

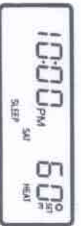


PROGRAMMING YOUR THERMOSTAT

Set the **SATURDAY** schedule. Use the same procedure as for weekdays.



Press and release until **SAT** appears on the display.



Press **WAKE**, **LEAVE**, **RETURN** or **SLEEP** to select the time period.



Use the **AHEAD/BACK** keys to set the time and the **WARMER/COOLER** keys to set the temperature.



Set the **SUNDAY** schedule. Use the same procedure as for weekdays.



Press and hold until **SUN** appears on the display.



Press **WAKE**, **LEAVE**, **RETURN** or **SLEEP** to select the time period.



Use the **AHEAD/BACK** keys to set the time and the **WARMER/COOLER** keys to set the temperature.



You have completed setting the program schedule and heating temperatures. To set air conditioning, go to Step 3.

If you do not want to program cool temperature skip Step 3 and press **RUN PROGRAM** key.



PROGRAMMING YOUR THERMOSTAT

STEP 3 SET THE COOLING TEMPERATURES

The program times are the same for both heating and cooling. Only the cooling temperatures need to be programmed if you have already programmed for heating. To set times as you program the cooling temperatures, use the TIME AHEAD and BACK keys as described in Step 2. But if you change times for cooling, you are also changing them for heating!



Press and release. The display shows WAKE and the time and temperature you programmed for heating.



Press and release so COOL shows on the display, along with the preprogrammed cooling temperature.



If display reads SAT or SUN, press and hold until MON TUE WED THU FRI appears.



First program the WAKE temperature for weekdays.



Press and hold until the display shows the desired temperature.



If the display blinks while you hold down TEMPERATURE WARMER or COOLER, you have reached the setting limit. If your thermostat can switch automatically between heating and cooling, the cooling temperature must be at least 3 degrees higher than the corresponding heating temperature. For example, if the heating setting is 70° F, the minimum cooling setting is 73° F.

PROGRAMMING YOUR THERMOSTAT

Program the LEAVE temperature, if desired.



Press and release. The display shows LEAVE, the time programmed for heating, and 78° F.



Press and hold until the display shows the desired temperature.



Press and hold until the display shows the desired temperature.



Program the RETURN temperature, if desired.



Press and release. The display shows RETURN, the time programmed for heating, and 78° F.



Press and hold until the display shows the desired temperature.



Press and hold until the display shows the desired temperature.



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Program the SLEEP temperature, if desired.



Press and release.



Press and hold until the display shows the desired temperature.



Press and hold until SAT appears on the display.



Press WAKE, LEAVE, RETURN or SLEEP to select the time period.



Set the cooling temperatures for the SATURDAY schedule. Use the same procedure as for weekdays.

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PROGRAMMING YOUR THERMOSTAT



Use the WARMER/COOLER keys to set the temperature.



Press and hold until SUN appears on the display.



Press WAKE, LEAVE, RETURN or SLEEP to select the time period.



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Use the WARMER/COOLER keys to set the temperature. You have completed programming the cooling temperatures.



Press and release to start the program. Go to Step 4.



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PROGRAMMING YOUR THERMOSTAT

STEP 4 SET THE SYSTEM AND FAN SWITCHES ON THE SUBBASE.

Depending on thermostat model, some of the switch positions shown may not be available to you. Note the positions provided on your subbase, then set the switch(es) as desired.

First set the fan switch.

FAN ON: The fan runs continuously. Use for improved air circulation during special occasions or for more efficient electronic air cleaning.

FAN AUTO: Normal setting for most homes and businesses. The fan starts and stops with the compressor in heat pump systems when the system switch is set to HEAT, AUTO or COOL. When system switch is set to EM. HT., the fan operates with the auxiliary heat (on some models).

EM. HT.: The thermostat controls only the backup heat. The heat pump is off.



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HEAT: The thermostat controls your heating system.

OFF: Both the heating and cooling systems are off.

AUTO (select models only): The thermostat controls either your heating or cooling system, depending on room temperature.

COOL: The thermostat controls your cooling system.

You have finished programming your thermostat.

If you removed it from the wall to program, replace it following the procedure on page 26.



Now, while you enjoy precision temperature control, read on to learn about the operating flexibility that makes this thermostat THE SMART CHOICE

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OPERATING YOUR THERMOSTAT

TEMPORARILY CHANGING THE PROGRAM

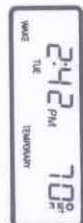
These features let you customize the program for those times when someone comes home early, or you're staying up late or you plan to be out for the evening.



Press and release. The name of the period to be skipped will flash in the display until the next regularly scheduled period starts.



Press and release. The display will show the name of the previous period and flash "temporary" until the next regularly scheduled period starts.



To temporarily raise or lower the temperature for the current period only:



Press and hold until the desired temperature is reached. The display will flash "temporary" until the next programmed time period starts.



If you change your mind:



Press and release to cancel any of the temporary settings.



OPERATING YOUR THERMOSTAT

PERMANENTLY CHANGING THE PROGRAM

If your schedule changes or you want a different temperature, you can update any setting without affecting the rest of the program.



Press and release the desired period key.



RETURN



Press and hold until the desired day schedule shows on the display.



Press and hold the Time or Temperature keys until the display shows the desired new program.



Press and release to return to normal operation.



Press and release.



Press and hold to change the temperature setting. After a few seconds the display will show the current temperature.



Press and release to check the temperature setting.



Press and release to cancel hold.



OPERATING YOUR THERMOSTAT

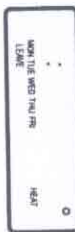
CANCELING PROGRAM SETTINGS

The thermostat requires time and temperature settings in the WAKE period, but any of the others can be canceled. Weekday, Saturday and Sunday settings are canceled separately.



SLEEP

Press and hold the desired period key until the time and temperature clear from the display (about 3 seconds).



LEAVE



RETURN



RUN PROGRAM

Press and release to return to normal operation.



CHECKING THE PROGRAM TIMES AND TEMPERATURES

You can check all the stored settings without affecting the permanent program.



WAKE



SLEEP

Press and release the desired period key. The start time and temperature setting will appear on the display.



LEAVE



RETURN



DAY

Press and release to display the next daily time and temperature for that period.



RUN PROGRAM

Press and release to return to normal operation.



OPERATING YOUR THERMOSTAT

CHECKING THE CURRENT TEMPERATURE SETTING

Press a single key to compare current room temperature to the setting at any time.

PRESENT
SETTING

Press and release. The display will show the current temperature setting for several seconds, then revert to the room temperature.

58°
F
MAX

During recovery from winter energy savings, the setting displayed will not match the programmed setting. This is because the thermostat gradually raises the temperature setting during recovery to provide most efficient use of the heating equipment. The same is true during recovery from summer energy savings, except the temperature is gradually lowered during recovery.