

Honeywell





T8700C An Electronic Round™ Programmable Thermostat

OWNER'S GUIDE



69-1099

Congratulations on the purchase of your new thermostat! Over 100 years of Honeywell engineering expertise went into the making of this thermostat in an effort to provide you with a more comfortable and convenient living environment.

- *Simple and Easy to Use™*. The  and  keys make it easy for you to change your time and temperature settings.
- *Large digital display*. You can easily read the current time and temperature at a glance.
- *No need for batteries*. Batteries are not required because your time and temperature settings are held permanently in memory.

SETTINGS

Setting Fan and System Switches

Fan and system settings are controlled by using the Fan and System switches located on the top of the thermostat case.

First set the Fan switch:

- AUTO:** Normal setting for most homes. In cooling, the fan goes off and on with the cooling equipment. In heating, the fan starts a few minutes after the heating equipment comes on.
- ON:** The fan runs continuously. Use for improved air circulation and air quality.

Then set the System switch:

- COOL:** Normal setting for months when your home needs cooling (air conditioning). Digital display shows a snowflake ❄️ when cooling is on.
- OFF:** Both heating and cooling are off.
- HEAT:** Normal setting for months when your home needs heating. Digital display shows a flame 🔥 when heating is on.

PROGRAMMING

The thermostat is already programmed for your convenience with the time and temperature settings in Table 1.

**Table 1. Preprogrammed
Time/Temperature Settings.**


Period	Start Time	Heating Setpoint	Cooling Setpoint
WAKE	6:00 AM	70°F (21°C)	78°F (25.5°C)
SLEEP	10:00 PM	62°F (16.5°C)	82°F (28°C)

WAKE is the time period you want the house at a comfortable temperature during the day.

SLEEP is the time period you can set for an energy-savings temperature while you are sleeping.

NOTE: The heating and cooling program times are the same. Changing your cooling WAKE time also changes your heating WAKE time.



The following sequence uses the heating program as an example. To change to the cooling program, move the System switch to the COOL position and enter the cooling temperature settings.


To exit at any time, press  until End is displayed.

1. Set current time.

a. Press  .



b. Press  or  to set current time.

To change the preprogrammed time/temperature settings, follow steps 2 through 6. If not, press the  key until End is displayed or the thermostat will automatically return to normal operational mode within five minutes.

2. Set WAKE TIME.

a. Press  .

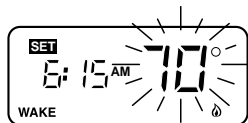




b. Press  or

 to set desired WAKE time.

3. Set WAKE TEMPERATURE.

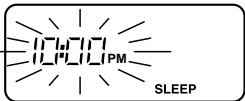
a. Press  .



b. Press  or  to set desired WAKE temperature.

4. Set SLEEP time

- a. Press (Set) .



- b. Press (Down Arrow) or (Up Arrow) to set desired SLEEP time.

5. Set SLEEP Temperature.

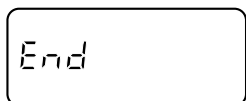
- a. Press (Set) .



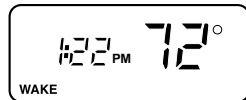
- b. Press (Down Arrow) or (Up Arrow) to set desired SLEEP temperature.

6. Run Program

- a. Press (Set) .



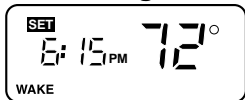
End is displayed for five seconds indicating the end of programming. The thermostat then displays current time and room temperature.



OPERATING YOUR THERMOSTAT

Display Temperature Setting.

Press ∇ or \triangle once to display present temperature setting. After approximately five seconds the thermostat displays current time/temperature.

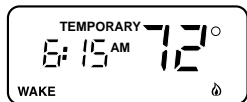


Temporary Change.

- a. Press ∇ or \triangle until desired temperature is displayed.



- b. TEMPORARY is displayed. The TEMPORARY change is in effect until the next program period.



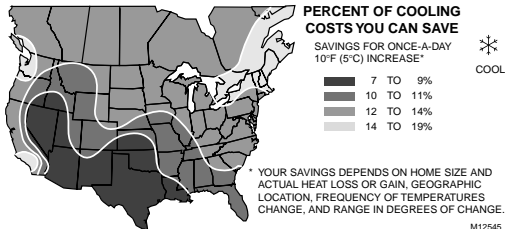
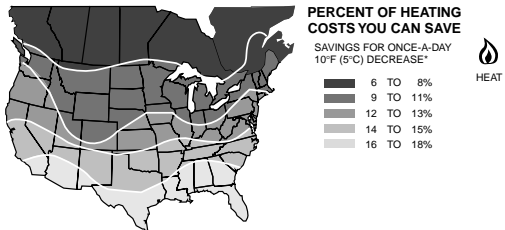
NOTE: To cancel your TEMPORARY change, press Set until End is displayed.

Hold Function.

To hold the thermostat at one temperature indefinitely, program both WAKE and SLEEP to the same temperature.

ENERGY SAVINGS

You can save energy with this thermostat during the heating season by automatically lowering the temperature setting 5°F (3°C) to 10°F (5°C) at night. You can also save energy during the cooling season by automatically raising the temperature setting during the day before you leave for work or school.



TROUBLESHOOTING GUIDE



CAUTION



Operating At Too Low Of Outdoor Temperature May Cause Compressor Damage.

Damage to compressor possible.

Do not operate cooling if outdoor temperature is below 50°F (10°C). Refer to manufacturer recommendations.

IMPORTANT

Temporary protection delay protects compressor; the thermostat allows the compressor to remain off for five minutes before restarting.

Symptom	Corrective Action
Heating or cooling does not come on.	Check that the heat setpoint is above room temperature or that the cool setpoint is below room temperature.
	Check that the system switch on the thermostat is set to HEAT or COOL.
	Check the system fuse or circuit breaker and replace or reset if necessary.
	Check power to the heating or cooling equipment.
Temperature setting is too warm or too cool.	Adjust the temperature by pressing either the  or  key.

If you have any questions concerning this thermostat, call Honeywell Customer Assistance at 1-800-468-1502, Monday - Friday, 7:00 am - 5:30 pm, Central time.

For service, contact your local heating and cooling contractor:

Honeywell

Home and Building Control

Honeywell Inc.
Honeywell Plaza
P.O. Box 524
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Home and Building Control

Honeywell Limited-Honeywell Limitée
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