

**Honeywell**

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# T8700B An Electronic Round™ Programmable Thermostat

**OWNER'S GUIDE**



69-1181

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 Heat System Switches

To control the Fan and Heat settings, adjust the Fan and Heat switches located on the top of the thermostat wallplate.

### If you have a Fan Switch, set this first:

- AUTO:** The fan starts a few minutes after the heating equipment comes on.
- ON:** The fan runs continuously for improved air circulation and air quality.

### Then set the Heat System switch:

- HEAT:** Use normal setting for months when your home needs heating. Digital display shows a flame  when heating is on.
- OFF:** Heating is off.

# PROGRAMMING

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

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

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

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





SLEEP is the time period you can set an energy-saving temperature while you sleep.

## Preprogrammed Time and Temperature settings.

To use the preprogrammed Time and Temperature setting you must first set the current time.

1. To set the current time:






- a. Press the  key once. You will see a flashing clock.
- b. Use the  or  keys to set the current time.
- c. Press the  key until End is displayed.

The preprogrammed Temperature settings can now be used.

**To change the preprogrammed Time and Temperature settings follow steps 1 through 6.**


1. Set the current time.





- a. Press the  key once. You will see a flashing clock.
- b. Use the  or  keys to set the current time. The clock is now set.

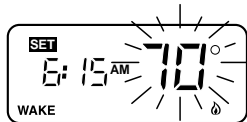
2. Set your WAKE time.






- a. Press the  key once. You will see a flashing WAKE time.

- b. Use the  or  keys to set your desired WAKE time. The WAKE time is now set.




3. Set your WAKE temperature.



- a. Press the  key once. You will see a flashing WAKE temperature.
- b. Use the  or  keys to set your desired WAKE temperature. The WAKE temperature is now set.




4. Set your SLEEP time.




- a. Press the  key once. You will see a flashing SLEEP time.
- b. Use the  or  keys to set your desired SLEEP time. The SLEEP time is now set.

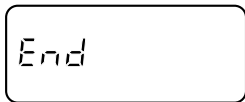
5. Set your SLEEP temperature.




- a. Press the  key once. You will see a flashing SLEEP temperature.
- b. Use the  or  keys to set your desired SLEEP temperature. The SLEEP temperature is now set.

6. Run program.

- a. Press  key once. You have completed your program changes. End is





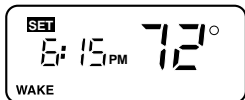
displayed for five seconds indicating the end of programming. The thermostat then displays the current time and room temperature.

NOTE: To exit the programming mode at any time, press the  key until End is displayed.



# OPERATING YOUR THERMOSTAT

## Display Temperature Setting

Press  or  once to display present temperature setting. After approximately five seconds, the thermostat displays the current time and temperature.

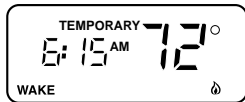



## Temporary Change

- a. Press  or  until desired temperature is displayed.



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



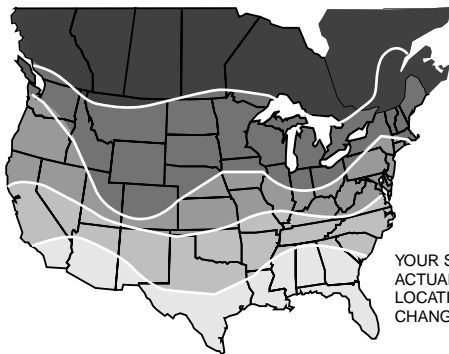
NOTE: To cancel your TEMPORARY change, press  until End is displayed.

## 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.



## PERCENT OF HEATING COSTS YOU CAN SAVE

SAVINGS FOR ONCE-A-DAY  
10°F (5°C) DECREASE\*

	6 TO 8%
	9 TO 11%
	12 TO 13%
	14 TO 15%
	16 TO 18%





HEAT

YOUR SAVINGS DEPENDS ON HOME SIZE AND ACTUAL HEAT LOSS OR GAIN, GEOGRAPHIC LOCATION, FREQUENCY OF TEMPERATURES CHANGE, AND RANGE IN DEGREES OF CHANGE.

M11972



<b>Symptom</b>	<b>Corrective Action</b>
Heating does not come on.	Check that the heat setpoint is above room temperature.
	Check that the system switch on the thermostat is set to HEAT.
	Check the system fuse or circuit breaker and replace or reset if necessary.
	Check power to the heating equipment.
Temperature setting is too warm or too cool.	Adjust the temperature by pressing either the  or  key.
Blank display.	Check that switch to furnace is on.
	Check that the thermostat is properly latched on wallplate.
Displays only time and not temperature.	Power is interrupted to the thermostat.
	Power is interrupted. The current time is maintained up to 20 minutes after power interruption. Reset heating setpoint.
Time flashing.	Power was interrupted longer than 20 minutes. Reset clock.

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

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