

# Honeywell



## Operating Manual Mode d'emploi Manual de Uso

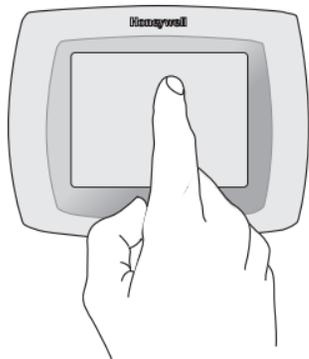


### **VisionPRO® IAQ**

Total Home Comfort System



69-1815EFS-08



**BE CAREFUL!** Never use sharp instruments, such as a pencil or pen, to press touchscreen keys. To prevent damage to the thermostat, always press keys with your fingertip.

This thermostat contains a Lithium battery which may contain Perchlorate material.

Perchlorate Material—special handling may apply,  
See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).

## Need Help?

For assistance with this product please visit <http://yourhome.honeywell.com>  
or call Honeywell Customer Care toll-free at **1-800-468-1502**

## Read and save these instructions.

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US Patent No. 6,208,263; 6,373,376; 6,448,901; 6,595,430;  
7,012,927; 7,044,397; D509151 and other patents pending.  
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#### This thermostat is ready to go!

Your new thermostat is pre-programmed and ready to go. See [page 2](#) to check settings.



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

## About your new thermostat

Your new thermostat is pre-programmed and ready to go. Just set the time and day. Then check the settings below and change if needed:

1. **Set clock**..... See page 5
2. **Select fan setting:** Preset to Auto..... See page 6
3. **Select system setting:** Preset to Heat ..... See page 7
4. **Program schedules:** Preset to energy-saving levels while you're at work or asleep (assumes you wake at 6 am, leave at 8 am, return at 6 pm and go to bed at 10 pm)..... See pages 8-11
5. **Set humidification, dehumidification & ventilation controls, if applicable**..... See pages 17-19

 **ONE-TOUCH TEMP CONTROL:** You can override the program schedule at any time, and manually adjust the temperature (see pages 10-11).

## Quick reference to controls

Press day(s) to set program schedule (see page 9)

Press to select fan operation (see page 6)

Press to select system type (see page 7)

Press to set program schedule (see page 9)

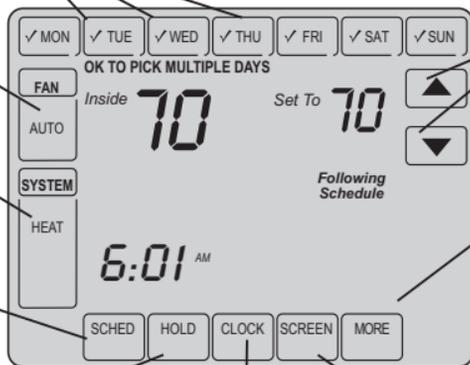
Press to override program schedule (see pages 10-11)

Press to set clock (see page 5)

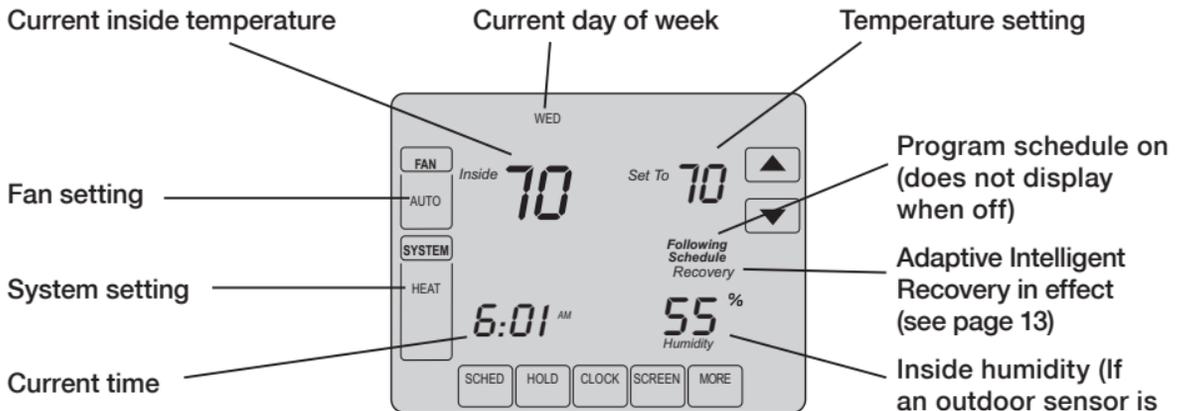
Press to lock keypad for 30 seconds to clean screen (see page 14)

Press to adjust temperature settings (see pages 9-11)

Press for more options



## Quick reference to status display



### Other display messages:

- **Cool On:** Cooling system is activated
- **Heat On:** Heating system is activated
- **Aux Heat On:** Auxiliary heating system is activated
- **Wait:** Compressor protection activated (see page 13)
- **Screen Locked:** See page 26 to unlock

## Clock setting

Press **CLOCK**



Adjust time, then press **DONE**



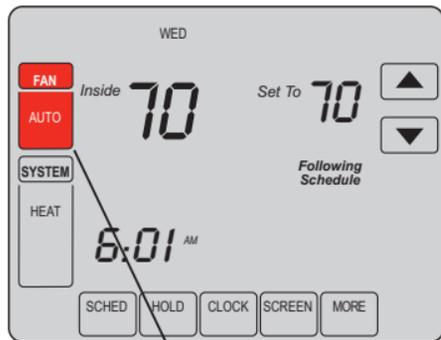
To set the current time display, press **CLOCK**, then press **▲** or **▼** to adjust the time. Press and hold **▲** or **▼** to advance the time more quickly.

Press **DONE** to save & exit (or press **CANCEL** 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 page 21.

## Fan setting



Press FAN

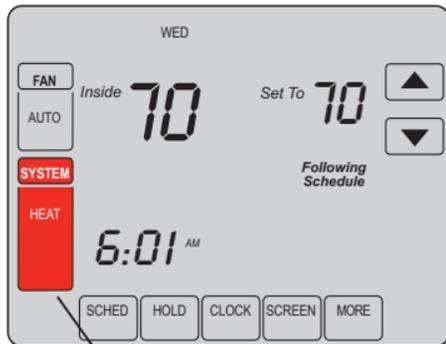
**Note:** If a fan schedule is programmed, “Auto” will run the fan schedule.

Press **FAN** to select fan operation, then press **DONE**:

- **On:** Fan is always on.
- **Auto:** Fan runs only when the heating or cooling system is on.
- **Circ:** Fan runs randomly, about 35% of the time, not counting any run time with the heating or cooling system.

You can press **FAN** to override the fan settings you’ve programmed for different time periods (see page 9). If you select On or Circ, the setting you select will remain active until you press **FAN** again to select **Auto**, and return to the fan schedule (see page 28 for more information).

## System setting



Press **SYSTEM**

Press the **SYSTEM** button to select, then press **DONE**:

- **Heat:** Thermostat controls only the heating system.
- **Cool:** Thermostat controls only the cooling system.
- **Off:** Heating and cooling systems are off.
- **Auto:** Thermostat automatically selects heating or cooling depending on the indoor temperature.
- **Em Heat** (only for heat pumps with auxiliary heat): Thermostat controls Auxiliary Heat. Compressor is not used.

## Energy-saving settings for maximum cost savings

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

This thermostat is pre-set with energy-saving program settings. We recommend these settings, since they can reduce your heating/cooling expenses by as much as 33%. (See next page to adjust times and temperatures of each time period.)

		Heat (Mon-Fri)	Cool (Mon-Fri)	Heat (Sat-Sun)	Cool (Sat-Sun)
<b>Wake</b> (6:00 am)		70°	78°	70°	78°
<b>Leave</b> (8:00 am)		62°	85°	62° [Or cancel period]	85° [Or cancel period]
<b>Return</b> (6:00 pm)		70°	78°	70° [Or cancel period]	78° [Or cancel period]
<b>Sleep</b> (10:00 pm)		62°	82°	62°	82°

## To adjust program schedules

Press **SCHED**

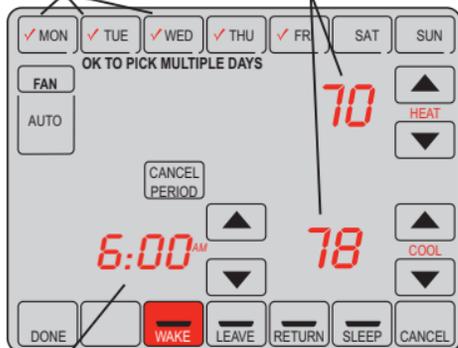


Press **EDIT**



Select day(s)

Set heat/cool levels



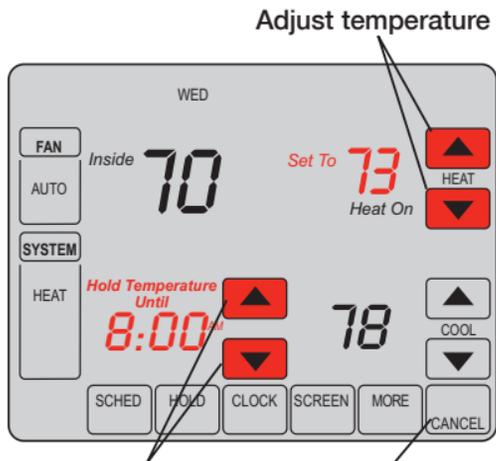
Set time for program period to start

1. Press **SCHED**, then **EDIT**.
2. Press day buttons (**MON-SUN**) to select day(s).
3. Press **▲** or **▼** to set your Wake time for selected day(s).
4. Press **▲** or **▼** to set Heat and Cool temperature for this time period.
5. Press other time periods (**LEAVE, RETURN, SLEEP**) to set time and temperatures for each.
6. Press **DONE** to save & exit (or press **CANCEL** to exit without saving changes).

**Note:** You can press **CANCEL PERIOD** to eliminate any unwanted time period.

**Note:** Press **FAN** to customize fan settings for any time period (see page 6).

## 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 only until the time you set. 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 **CANCEL** (or **SCHED**). The program schedule will resume.

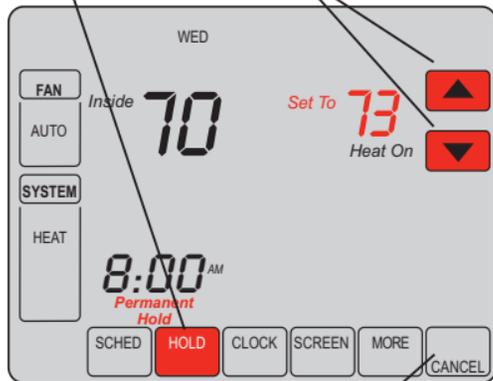
Press to set timer

Press **CANCEL** (or **SCHED**) to resume program schedule

## Program schedule override (permanent)

Press **HOLD**

Adjust temperature



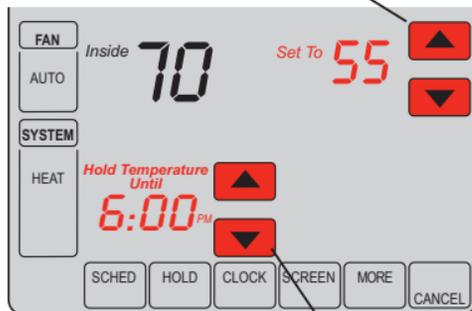
Press **HOLD** to permanently adjust the temperature. This will turn off the program schedule.

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

Press **CANCEL** (or **SCHED**) to resume program schedule

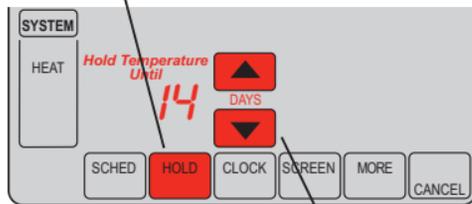
## Vacation hold

1 Set temperature



2 Press to set time for schedule to resume

3 Press **HOLD** twice



4 Press to select number of days

This feature can suspend the program schedule for extended periods of time.

Press ▲ or ▼ to set the temperature you want, then press ▲ or ▼ to set the time of day you want the schedule to resume when you return. Press **HOLD** twice, then press ▲ or ▼ to select the number of days.

Whatever temperature you set will be maintained 24 hours a day for the number of days you select. After this number of days have elapsed, the previously programmed schedule will resume at the time you set.

If you return earlier than expected, press **CANCEL** (or **SCHED**) to cancel “Hold” and resume the program schedule.

## Special features

**Auto Changeover:** When set to Auto, the thermostat automatically selects heating or cooling depending on the indoor temperature.

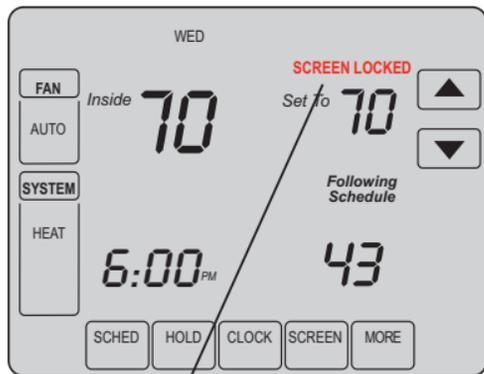
**Adaptive Intelligent Recovery:** This feature allows the thermostat to “learn” how long the furnace and air conditioner take to reach programmed temperature settings, so the temperature is reached at the time you set.

**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.

**Flashing message:** Reminder to replace filter or UV lamp. After replacement, press RESET to reactivate the alert timer.

**Southern Away Dehumidification:** Your system may be programmed to control humidity while your house is vacant during the humid season. Before you leave the house, press the **HOLD** button three times to activate this feature. This will control temperature and humidity to help protect your house and possessions while you are away. (If this feature does not work, contact your installer.)

## Screen lock



See advanced function **0670** (page 26) for screen lock options

To prevent tampering, the screen can be partially or fully locked.

When partially locked, the screen displays **SCREEN LOCKED** for several seconds if a locked key is pressed.

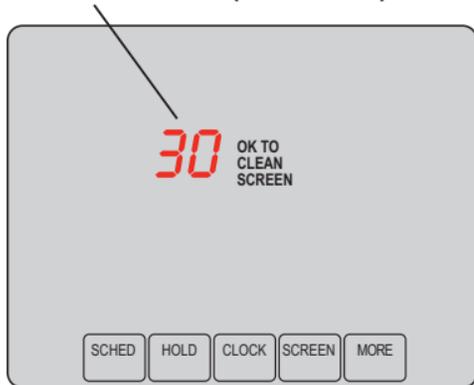
When the screen is fully locked, no keys function. To lock or unlock the screen, see advanced function **0670** on page 26.

## Screen cleaning

Press **SCREEN**



Screen lock timer (30 seconds)

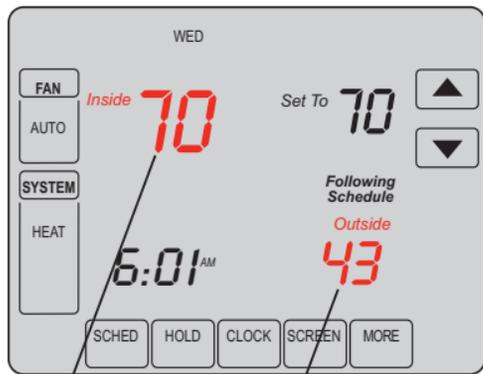


Press **SCREEN** to lock the screen for cleaning. The screen will remain locked for 30 seconds so you can clean the screen without changing any settings.

After 30 seconds, press **DONE** to resume normal operation, or press **SCREEN** again if you require more time for cleaning.

**Note:** Do not spray any liquid directly on the thermostat. Spray liquids onto a cloth, then use the damp cloth to clean the screen. Use water or household glass cleaner. Avoid abrasive cleansers.

## Optional remote sensors



Inside  
temperature

Outside  
temperature

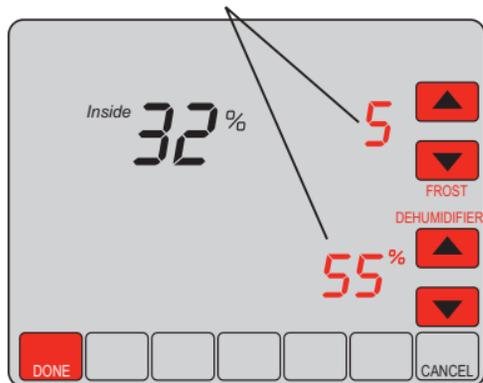
If an outdoor sensor is installed, the current outdoor temperature is displayed.

If an indoor remote sensor is installed, the display shows the indoor temperature at the location of the sensor.

If more than one indoor sensor is installed, the display shows an average of temperature readings from all sensors or an average between the thermostat and the sensor(s).

## Humidification control

Set Frost Control & humidity level



Press to save & exit

Press **MORE** until the humidifier screen is displayed, then press ▲ or ▼ to set the humidity and Frost Control level.

When using Frost Protection, if frost/condensation appears on windows, lower the frost setting. Wait at least 1 day before adjusting the frost level again. Once frost no longer appears, the thermostat will control humidity to the maximum level without frosting or fogging windows and without further adjustment.

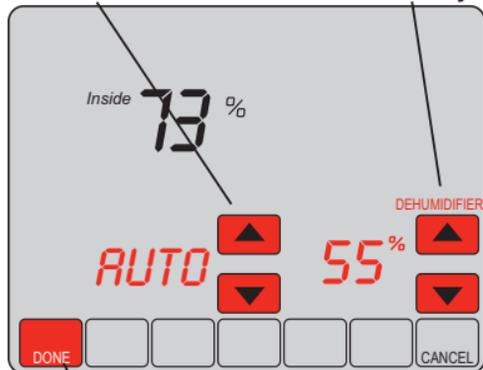
Press **DONE** to save and exit, or press **CANCEL** to exit without saving changes.

**Note:** If you do not have an outdoor temperature sensor, the Frost Control level will not be displayed.

## Dehumidification control

Press to select  
Auto or Off

Press to set  
desired humidity



Press to save & exit

**Note:** Auto/Off only present when using a whole house dehumidifier (not present when dehumidifying with A/C).

Press **MORE** until the dehumidifier screen is displayed, then press ▲ or ▼ to set the desired humidity level and operation (Auto or Off).

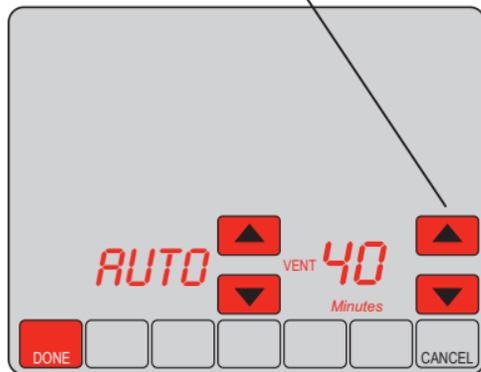
If installed to control a dehumidifier, the thermostat can activate it as needed to reduce humidity.

If you don't have a dehumidifier, the thermostat activates the air conditioner to reduce humidity (may cool as much as 3°F lower than your temperature setting).

Press **DONE** to save and exit, or press **CANCEL** to exit without saving changes.

## Ventilation control

Press to set ventilation timer



Press to save & exit

You can ventilate your home at any time:

Press **MORE** until the ventilation screen is displayed, then press **▲** or **▼** to set the ventilation timer. You can set the timer to ventilate from 20 to 180 minutes, in 20-minute increments. To turn off the ventilator, select 0.

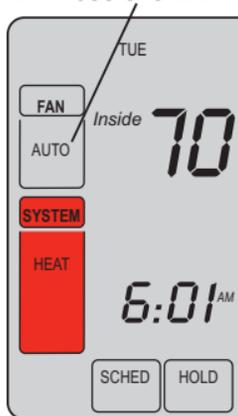
Press **DONE** to save and exit, or press **CANCEL** to exit without saving changes.

If programmed for auto-ventilation by the installer, the thermostat will ventilate your home as needed.

Auto/Off will turn off/on the automatic ventilation only. Ventilation can still be requested by using the timer when set to Off.

## Advanced functions

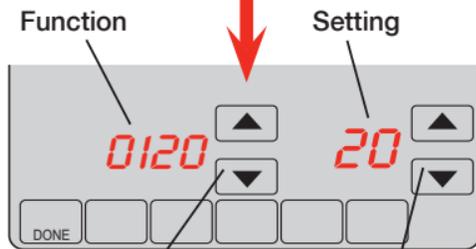
- 1** Press **SYSTEM**.



- 2** Press and hold blank center key until the display changes.



- 3** Change settings as required (see pages 21-26).



Press ▲/▼ to select function

Press ▲/▼ to change setting

- 4** Press **DONE** to exit & save changes.

## Advanced functions

### Year setting (first two digits)

Function Press ▲/▼ to change the first two digits of the year:

**0120**

Options: **20** = Year **20xx**  
**21** = Year **21xx**

### Year setting (second two digits)

Function Press ▲/▼ to change the last two digits of the year:

**0130**

Options: **01 - 99** (i.e., **2001 - 2099**)

### Month setting

Function Press ▲/▼ to change the current month:

**0140**

Options: **01 - 12** (i.e., January - December)

### Date setting

Function Press ▲/▼ to change the current date:

**0150**

Options: **01 - 31**

## Advanced functions

### Program schedule on/off

Function Press ▲/▼ to turn the program schedule on or off:

**0160**

- Options: **0** Program schedule is off. Thermostat is non-programmable.  
**4** Program schedule is on (7-day programmable).

### Restore energy saving default schedule

Function Press ▲/▼ to restore default settings:

**0165**

- Options: **0** No change  
**1** Restore factory default settings

### Backlight

Function Press ▲/▼ to select how the screen is lighted:

**0280**

- Options: **0** Light on for approx. 45 seconds after keypress  
**1** Light always on low intensity, full bright after keypress

## Advanced functions

### Temperature format (°F/°C)

Function Press ▲/▼ to set the temperature display format:

**0320**

- Options:
- 0** Fahrenheit
  - 1** Celsius

### Daylight savings time on/off

Function The thermostat is pre-programmed to automatically adjust to daylight savings time.  
Press ▲/▼ to select an option:

**0330**

- Options:
- 0** Off: No adjustment for daylight savings time
  - 1** On: Auto-change to daylight savings time (through 2006, and for areas that do not use the new 2007 DST calendar)
  - 2** On: Auto-change to daylight savings time (2007 and beyond, for areas that use the new 2007 DST calendar)

## Advanced functions

### Furnace filter change reminder

**Function** This feature displays an alert to remind you to change the furnace filter.  
**0500** Press ▲/▼ to set the desired reminder interval:

- Options:
- 0** Off
  - 1** 10-day run time
  - 2** 30-day run time
  - 3** 60-day run time
  - 4** 90-day run time
  - 5** 120-day run time
  - 6** 180-day run time
  - 7** 270-day run time
  - 8** 365-day run time
  - 9** 30 calender days
  - 10** 60 calender days
  - 11** 90 calender days
  - 12** 120 calender days
  - 13** 180 calender days
  - 14** 365 calender days
  - E** Auto Alert (requires optional equipment)

**Note:** Press RESET to cancel the alert

## Advanced functions

### Humidifier pad change reminder

**Function** This feature displays an alert to remind you to change the humidifier pad.  
**0510** Press ▲/▼ to set the desired interval:

- Options:**
- 0** Off (no reminder to change humidifier pad)
  - 1** 30-day run time, 90 calendar days \*\*
  - 2** 60-day run time, 180 calendar days \*\*
  - 3** 90-day run time, 365 calendar days \*\*
  - E** Auto Alert (requires optional equipment)

**Note:** Press RESET to cancel the alert

\*\*interval depends on humidifier

### UV lamp change reminder

**Function** This feature displays an alert to remind you to change the ultraviolet lamp.  
**0520** Press ▲/▼ to set the desired interval:

- Options:**
- 0** Off (no reminder to change UV lamp)
  - 1** Reminder after 1 year
  - 2** Reminder after 2 years
  - E** Auto Alert (requires optional equipment)

**Note:** Press RESET to cancel the alert

### Adaptive Intelligent Recovery

**Function** Press ▲/▼ to turn this feature on or off (see page 13):  
**0530**

- Options:**
- 0** Off
  - 1** On

## Advanced functions

### Program schedule periods

Function Press ▲/▼ to set the number of program periods:  
**0540**

- Options:
- 2** Two program periods (Wake, Sleep)
  - 4** Four program periods (Wake, Leave, Return, Sleep)

### Clock format

Function Press ▲/▼ to set the clock display format:  
**0640**

- Options:
- 12** 12-hour clock (i.e., “3:30 pm”)
  - 24** 24-hour clock (i.e., “15:30”)

### Screen lock

Function Press ▲/▼ to choose a screen lock setting (see page 14):  
**0670**

- Options:
- 0** Screen is unlocked (fully functional)
  - 1** All functions locked except temperature controls and CANCEL key
  - 2** Screen is fully locked

## 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.

**No response to key presses (or temperature will not change)**

- Check to make sure the thermostat is not locked (see page 26).

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)

**Backlight is dim**

- A dim display is normal. See Advanced function **0280** on page 22 for backlight options.

**“Err” appears on screen**

- Contact your contractor. Your equipment may need service or repair.

## In case of difficulty

### 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 5 minutes for the system to restart safely, without damaging the compressor (see page 13).

### Display shows Fan Auto and On or Auto and Circ at the same time

- This is normal operation. Auto indicates the thermostat is following the programmed fan setting. If Auto and On is shown, the fan is scheduled for “On” during this period (see page 6).

## 5-year limited warranty

Honeywell warrants this product, excluding battery, to be free from defects in the workmanship or materials, under normal use and service, for a period of five (5) years from the date of purchase by the consumer. If at any time during the warranty period the product is determined to be defective or malfunctions, Honeywell shall repair or replace it (at Honeywell's option).

If the product is defective,

- (i) return it, with a bill of sale or other dated proof of purchase, to the place from which you purchased it; or
- (ii) call Honeywell Customer Care at 1-800-468-1502. Customer Care will make the determination whether the product should be returned to the following address: Honeywell Return Goods, Dock 4 MN10-3860, 1885 Douglas Dr. N., Golden Valley, MN 55422, or whether a replacement product can be sent to you.

This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by Honeywell that the defect or malfunction was caused by damage which occurred while the product was in the possession of a consumer.

Honeywell's sole responsibility shall be to repair or replace the product within the terms stated above. HONEYWELL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

THIS WARRANTY IS THE ONLY EXPRESS WARRANTY HONEYWELL MAKES ON THIS PRODUCT. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS HEREBY LIMITED TO THE FIVE-YEAR DURATION OF THIS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

If you have any questions concerning this warranty, please write Honeywell Customer Relations, 1985 Douglas Dr, Golden Valley, MN 55422 or call 1-800-468-1502. In Canada, write Retail Products ON15-02H, Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Toronto, Ontario M1V4Z9.

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US Patent No. 6,208,263; 6,373,376; 6,448,901; 6,926,076;

7,044,397; D509151; H25192; H25193 and other patents pending

69-1815EFS—08 M.S. Rev. 03-11

The Honeywell logo is displayed in a bold, red, sans-serif font. The letters are closely spaced and the overall appearance is clean and professional.