Honeywell

T8132A/T8132B Electronic Programmable Thermostat

10:30 PM 68° HEAT
FRI
SLEEP

69-0803-1

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Programming Your Thermostat

The thermostat can be programmed in your hand before it is installed if the batteries are installed or after it is on the wall. If you need to install or replace the batteries, refer to the Maintaining Your Thermostat section.

The following personal Program Schedule can be helpful for planning your program schedule of time and temperature settings for various times of the day.

Four time periods are available during week-days—WAKE, LEAVE, RETURN, and SLEEP. View these periods individually on the display as you press the **Set Schedule** key.

WAKE is the time the thermostat turns on the heating/cooling equipment after an energy saving period. When deciding what time to set for your WAKE period, include extra lead time, depending on the outside temperature and your furnace response time, to give the furnace a head start to heat the house before you get up. (This will be a higher temperature during heating season, or a lower temperature during cooling season.)

LEAVE is the time period you can set for an energy-saving temperature while you are away at work or school. (This will be a lower temperature during heating season, or a higher temperature during cooling season.)

RETURN is the time the thermostat turns on the heating/cooling equipment after an energy saving period. When deciding what time to set for your RETURN period, include extra lead time,

depending on the outside temperature and your furnace response time, to give the furnace a head start to heat the house before you arrive home.

SLEEP is the time period you can set for an energy-saving temperature while you are sleeping. (For more comfortable sleeping, some homeowners choose not to raise the cool temperature during the night.)

Set one schedule for weekdays and another for weekends according to your personal Program Schedule because your requirements are probably different for each. Also, during weekends, only the WAKE and SLEEP time periods are available.

Fill in the times and temperatures you desire for weekdays and weekends. If you decide not to program the thermostat, it automatically controls heating at 68°F (20°C), and cooling at 78°F (26°C), 24 hours a day. Also, you do not need to enter a time and temperature program for all periods if your schedule does not require it. For example, a zone that is occupied during weekdays only requires programs for WAKE and SLEEP.

When pressing the keys, use the ball of your finger or a soft pencil eraser.

NOTE: Using sharp fingernails or pencil points can damage the keypad.

If you make an error at any time during programming, press the **Run Program** key, and continue again at the last step.

Program Schedule

Heating Program Schedule

Weekdays	Start Time	Heating Temperature /1\	Cooling Temperature /1\
WAKE /2\	_____	_____	_____
LEAVE	_____	_____	_____
RETURN /2\	_____	_____	_____
SLEEP	_____	_____	_____
Weekends			
WAKE /2\	_____	_____	_____
SLEEP	_____	_____	_____

/1\ The temperatures cannot be set any higher than 88°F (31°C) or set any lower than 45°F (7°C).

/2\ WAKE and RETURN start times should include extra lead time, based on the outside temperature and furnace response time, to give the furnace a head start to heat the house.

NOTE: If you decide not to program the thermostat, it automatically controls heating at 68°F (20°C), and cooling at 78°F (26°C), 24 hours a day. This guide can be used for programming your new thermostat.

IMPORTANT

Batteries are required for operation and programming. When inserting the batteries, set the system switch to OFF. Remove the battery door (on the thermostat left side) using a coin at the bottom. See Maintaining Your Thermostat section.

Set Current Time/Day

To set the time, press and release the **Set Clock/Day** key once. Press the **Time** keys until current time shows.

To set the day, press and release the **Set Clock/Day** key again. Press the **Time** keys until the current day shows. Press the **Run Program** key.

Heating Program

With the system switch at HEAT, press and release the **Set Schedule** key once. WAKE, MON-FRI, and SET appear on the display.

USE TO SET WARMER TEMPERATURE

LCD DISPLAY

USE TO SET TIME EARLIER

RUN PROGRAM KEY

HOLD TEMP KEY

USE TO SET CURRENT DAY AND TIME

USE TO SET PROGRAM PERIOD

USE TO SET TIME LATER

USE TO SET COOLER TEMPERATURE
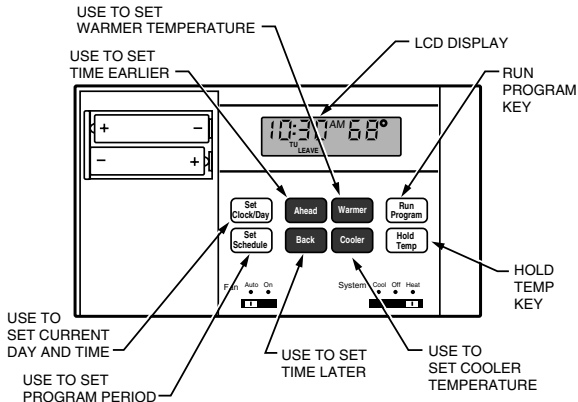
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Use the **Time** keys to program WAKE time and use the **Temp** keys to program the WAKE temperature for Mon-Fri. Repeat the sequence for LEAVE, RETURN, and SLEEP.

Press the **Set Schedule** key until WAKE, SA SU and SET appear on the display. Use the **Time** keys to program WAKE time and the **Temp** keys to program WAKE temperature for Sat-Sun. Repeat the sequence for SLEEP.

Cooling Program
With system switch at COOL, follow same instructions as for Heating Program.

After programming, adjust fan and system switches as desired. Press and release the **Run Program** key to start the program.

Operating Your Thermostat
Using Programming Features
Temporarily Change temperature for current period only—Press **Temp** keys to set desired temperature. The change cancels itself at the next scheduled program change; to cancel sooner, press the **Run Program** key.

Hold a temperature indefinitely—Press the **Hold Temp** key once. Press the **Temp** keys until the display shows the desired temperature. Press the **Run Program** key once to return to the program.

Check Current Temperature Setting—Press the **Run Program** key once. If using TEMPO-RARY CHANGE or HOLD features, pressing this key cancels your change.

Check Programs⊗ Press **Set Schedule** key repeatedly to view each time and temperature on the display. Press the **Run Program** key once to return to the program.

Cancel a program—Press the **Set Schedule** key until the program to cancel shows. Pressing the two **Time** keys together cancels the program.

Permanently Change a program—Repeat the steps in the Heating Program or Cooling Program sections, as applicable.

Return to the normal program or the starting program—Press the **Run Program** key once.

Setting Fan Switch

Only the zone 1 thermostat has control of the fan operation. Fan switching positions are as follows:

AUTO: Single-speed fan turns on automatically with air conditioner or furnace. Two-speed fan usually runs on high with air conditioner and runs on low with the furnace.

ON: The fan runs continuously (recommended setting for zoning). Use for improved air circulation during special occasions or for more efficient electronic air cleaning. (In a heat-only system, the fan runs continuously only if the fan relay is connected to the thermostat **G** terminal.)
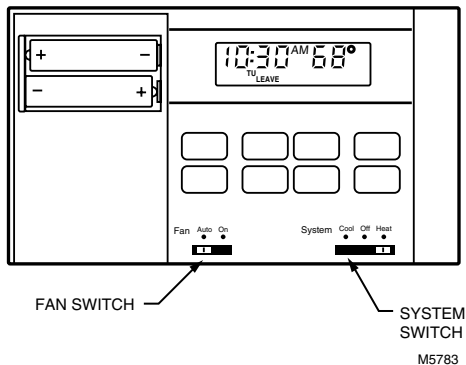
Setting System Switch

System switching positions control thermostat operation as follows:

COOL: The thermostat controls the air conditioning system.

OFF: Both the heating and air conditioning systems are off.

HEAT: The thermostat controls the heating system.

FAN SWITCH

SYSTEM SWITCH

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Maintaining Your Thermostat
Installing Batteries

IMPORTANT

Batteries must be installed for programming and operation of the thermostat and heating/cooling system.

❶ Purchase two AA alkaline batteries; non-alkaline batteries do not last as long, and can leak causing damage to the thermostat or wall surface. We recommend Energizer® batteries.
❷ Make sure the thermostat is set to the OFF position.
❸ Use a coin to remove the battery door.

❹ Install the fresh batteries, making sure positive and negative terminals are oriented correctly.
❺ Replace the battery door.

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INSTALL TWO AA ALKALINE BATTERIES AS SHOWN

FAN SWITCH

SYSTEM SWITCH

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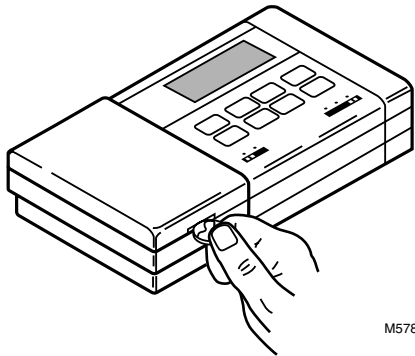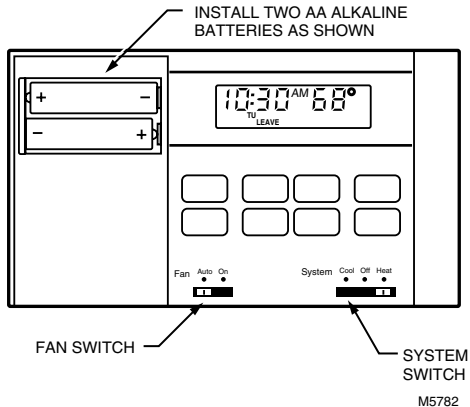
As the batteries are running low, the *bAt Lo* indicator flashes for one to two months before the batteries run out completely. Replace the batteries as soon as possible after the indicator starts flashing. If the batteries are not replaced when *bAt Lo* is flashing, the indicator eventually stops flashing. When *bAt Lo* stays on without flashing, the thermostat and heating/cooling system have stopped working and the batteries are almost completely dead.

After the batteries are completely dead, the *bAt Lo* indicator disappears, leaving a completely blank display.

To remove the batteries, press down on left ends of the batteries. If the new batteries are installed within 20 to 30 seconds of removing the old ones, the thermostat does not require reprogramming. If the display is blank, the batteries are dead or incorrectly installed and the thermostat has to be reprogrammed. See Programming Your Thermostat section for instructions.

Troubleshooting Guide

IF…
Display will not come on.

THEN…
- Set the system switch to OFF. Remove the batteries. Insert backward for at least five seconds to reset the thermostat. Correctly replace the batteries. Display should come on.
- Make sure batteries are fresh and installed correctly.
- Gently clean battery contacts using a soft pencil eraser. Do not use anything abrasive on the clips.

Temperature display will not go lower than 45°F (7°C) or higher than 88°F (31°C) during programming.
- The temperature setting limit is reached. The setting range is 45°F to 88°F (7°C to 31°C).

Temperature change occurs at the wrong times.
- Check the program times for the questionable period. Be sure that AM and PM indications are correct. Make sure the current day and time are correct. Reprogram, if necessary.

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Heating will not come on.	• Check that the switch on the thermostat is set to HEAT. Allow a minimum of five minutes for time guard protection to expire.
	• Check the system fuse or circuit breaker and replace or reset, if necessary.
	• If the display is blank or displays *bAt Lo*, install fresh batteries.
	• If the temperature setting is higher than the current temperature, and SYSTEM ON indicator is lit, contact your local dealer.
Cooling will not come on.	• Check that switch on the thermostat is set to COOL. Allow a minimum of five minutes for the time guard protection to expire.
	• Check the system fuse or circuit breaker and replace or reset, if necessary.
	• If the display is blank or displays bAt Lo, install fresh batteries.
	• The thermostat has a built-in time delay on cooling. Allow at least five minutes after changing the setting before the air conditioner starts.

Cooling will not come on. (Cont)	• Make sure the outdoor disconnect is engaged (on).
	• If the temperature setting is lower than the current temperature, and the SYSTEM ON indicator is lit, move the system switch from COOL to OFF for ten minutes. After ten minutes, return the switch to the COOL position. If the air conditioner comes on, the compressor could have reached its high limit temperature protection and shut down. If the air conditioner does not come on after the ten minutes and the SYSTEM ON indicator is lit, contact your local dealer.
	• If 2- or 4-wire installation, verify that R-Rc jumper is installed.
The zone is too warm or too cool.	• Press the Run Program key to check the current temperature setting.
	• If desired, change the temperature setting. See Programming Your Thermostat section.
SYSTEM ON indicator is lit, but no heat is coming from the registers.	• Allow time for the furnace to heat up and the fan to come on before checking for heat at the register.

The thermostat current temperature setting does not match the display temperature to within ± 1°.	• Check that the wiring hole in the wall behind the wallplate was plugged with insulation to prevent drafts that could adversely affect thermostat operation. • Be aware that it is normal for the current setting and display temperature to differ on occasion. • During recovery from setback or setup, setting and display temperatures can differ for up to 30 minutes after the recovery period.
Incorrect zone temperature showing on thermostat display.	• The thermostat is factory-calibrated and cannot be adjusted.

NOTICE
This equipment is a Class B digital apparatus, which complies with
Canadian Radio Interference Regulations, CRC c.1374.

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Notes

Notes

Limited One-Year Warranty

Carrier warrants this product, excluding battery, to be free from defects in the workmanship or materials, under normal use and service, for a period of one (1) year from the date of purchase by the consumer. If, at any time during the warranty period, the product is defective or malfunctions, Carrier shall repair or replace it (at Carrier's option) within a reasonable period of time.

If the product is defective, return it with a bill of sale or other dated proof of purchase, to the dealer or contractor from which you purchased it.

This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by Carrier that the defect or malfunction was caused by damage which occurred while the product was in the possession of a consumer. Carrier's sole responsibility shall be to repair or replace the product within the terms stated above. CARRIER 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.

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

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Home and Building Control
Honeywell Inc.
1985 Douglas Drive North
Golden Valley, MN 55422

Home and Building Control
Honeywell Limited-Honeywell Limitée
155 Gordon Baker Road
North York, Ontario
M2H 2C9

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