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You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL MAGICSTAT 32. You'll find the answers to all your questions on the HONEYWELL MAGICSTAT 32 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

- User manual HONEYWELL MAGICSTAT 32**
- User guide HONEYWELL MAGICSTAT 32**
- Operating instructions HONEYWELL MAGICSTAT 32**
- Instructions for use HONEYWELL MAGICSTAT 32**
- Instruction manual HONEYWELL MAGICSTAT 32**

Honeywell

MagicStat® CT3200 Programmable Thermostat

Installation and Programming Instructions



Weekday/Weekend (5-day/2-day)
 Programmable Heat and/or Cool
 Low Voltage (20 to 30 Vac)
 Thermostat and Mounting Plate
 Model CT3200

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Welcome to the world of comfort and energy savings with your new Honeywell MagicStat® Programmable Thermostat. Your new thermostat will automatically control the temperature in your home, keeping you comfortable while saving energy.

If you have any questions about using this thermostat, visit our home expert Web site at www.honeywell.com/yourhome or call Honeywell Customer Relations at 1-800-468-1502.

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69-0653-6



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Manual abstract:

1 MERCURY SWITCH Recycling Thermostat If you are removing an old thermostat that contains mercury in a sealed tube (Fig. 1), do not place the old thermostat in the trash. Contact your local waste management authority for instructions regarding recycling and the proper disposal of the old thermostat. **M3701 Installation** Verify that you have the right thermostat. Make sure that the CT3200 is the right thermostat for your heating/cooling system. Read the compatibility chart below to determine which system you have. If your system is not compatible with the CT3200, the table recommends an alternate Honeywell model. If you are unsure what type of thermostat is right for your system, visit us on the Web at www.honeywell.com/yourhome or call Honeywell Customer Relations at 1-800-468-1502. **Compatible Alternate with CT3200?** model Yes No No No CT1950 for 240 volts CT3600 CT3600 Heating/Cooling System Conventional Single stage systems that include warm air furnaces and hot water.

Electric Baseboard Electric powered heating strips located just above the floor, usually 120 to 240 volts. **Steam** A steam boiler with radiator heat. **Heat Pump** Heating and cooling are produced from the same outdoor unit (compressor) with no auxiliary or backup heat. **Multistage Heat Pump** Heating and cooling are produced from the same outdoor unit (compressor) with auxiliary or backup heat. **Multistage Conventional** A heating or cooling system with more than one stage.

2 INSTALLATION No CT3611 No See your contractor 69-0653-6 Step 1. Prepare for installation a. Carefully unpack your new thermostat. Save your receipt and make sure you have the following parts: · · b. Thermostat and mounting plate Labels · · Screws and anchors Installation and Programming Instructions Gather the needed tools and supplies listed below.

@@Honeywell recommends Energizer® batteries. @@@@Remove the old thermostat Fig. 2 a. b. c. @@Remove the cover of your old thermostat (Fig. 2). Unscrew and remove the old thermostat's mounting plate from the wall, but do not disconnect the wires. Inspect the old thermostat wiring. If the wiring meets any of the following conditions, see the special wiring instructions on page 9.

· The old thermostat is a clock thermostat with wires attached to the C or C1 terminals. · The old thermostat has 6 or more wires, excluding wires attached to C or C1 terminals. · The old thermostat has 3 wires. · There are 5 wires connected to the old thermostat. · There are extra wires that are not connected to the old thermostat. Fig. 3 e. M19086 Using the enclosed labels, mark the wires with the letter of the terminal that it is attached to on the old thermostat (Fig. 3). Do not label the wires by color.

If the labels do not match the letters on the old thermostat terminals, see the wiring cross reference table on page 10. Fig. 4 **WIRES THROUGH WALL OPENING** f. Disconnect the wires from the old thermostat and wrap the wires around a pencil to keep them from falling back into the wall. Note: Remember, if your old thermostat contains mercury, you must recycle it.

See page 2 for more recycling information. M20133 Check your progress Your wall should now look like Fig. 4. **4 INSTALLATION** 69-0653-6 Step 3. Install the mounting plate Fig.

5 a. b. Separate the mounting plate from the thermostat using a coin, as shown in Fig. 5. Position the mounting plate on the wall. Be sure the mounting plate sits flush against the wall and none of the wires are trapped behind it. Level the mounting plate and use a pencil to mark the center of the mounting plate's screw holes. Remove the mounting plate and drill holes at the locations you marked. · Fig. 6 e. f.

· For drywall, drill two 3/16 inch holes. For plaster or wood, drill two 7/32 inch holes. c. M20139 d. If installing in drywall, gently tap the anchors that were provided into the drilled holes until they are flush with the wall. Reposition the mounting plate over the holes, pull the wires through the wiring opening, and loosely insert the mounting screws into each of the drilled holes or anchors (Fig. 6). Make sure the mounting plate is level and tighten the mounting screws. g. M20129 Check your progress The mounting plate is now mounted on the wall and should look like Fig.

7. Fig. @@Set the thermostat for your type of heating system Fig. @@a. @@Note: This setting enables proper fan operation.

@@@@@@@@@@@@@@@@To install the batteries, see the instructions on page 8. @@@@ (The furnace efficiency rating should be on the furnace.) High-efficiency furnace such as a 90% or greater AFUE (Average Fuel Utilization Efficiency) unit Hot water boiler Electric furnace Screws A and B Use factory setting A leave in B leave in A out one turn B leave in A leave in B out one turn Fuel switch F F F E Step 5. Wire the thermostat terminals Fig. 9 a.

b. G Y Hold the thermostat as shown in Fig. 9. Using the labels on the wires, match the letter of your old thermostat wire with the corresponding terminal on the back of your new thermostat. Note: If the letters on the old thermostat terminals do not match the letters on the new thermostat terminals, you might not need to connect all of the old wires to the new thermostat. See the special wiring instructions on page 9 for details. Loosen the terminal screws and slip each wire beneath its matching terminal (Fig. 10). Securely tighten the terminals. W R c. M20125 Fig.

10 5/16 in. (8 mm) **STRIP INSERT STRAIGHT UNDER SCREW HEAD** d. **END OF WIRE VISIBLE HERE** M20126 69-0653-6 **INSTALLATION** 7 Step 6. Mount the thermostat Fig. 11 Fig. 12 a. b. Align the tabs at the top of the thermostat with the tabs at the top of the mounting plate (Fig. 11). Press the lower edge of the case to latch the bottom of the thermostat (Fig.

12). M20131 M20130 Step 7. Install the batteries Fig. 13 **IMPORTANT: Batteries must be installed for programming and operation of the thermostat and heating/cooling system. Honeywell recommends using Energizer® batteries.**

a. b. **REMOVING BATTERY DOOR** Make sure that the System switch is set in the OFF position. Using a coin, open the battery door as shown in Fig. 13. Install the batteries. Make sure that the positive and negative terminals are oriented correctly as marked inside the battery case. Replace the battery door. Remove the clear plastic label from the digital display. c. M1719C d. Fig. 14 e. Check your progress When the batteries are installed correctly, the digital display flashes all entries once, then begins to flash a default time and the current temperature (Fig. 14).

The flashing continues until you begin to program the thermostat. You are now ready to program the thermostat. Go to page 12. **8 INSTALLATION** 69-0653-6 **Special wiring instructions** A clock thermostat with C or C1 terminals A clock thermostat has one or two extra wires attached to the C or C1 terminals that allow the clock to operate.



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These wires are not used during the installation of your new 3200 thermostat and must be insulated from each other to avoid damaging your electrical circuit. a. b. c. d. e.

f. Make sure that power to the heating/cooling system is turned off. Locate the wires that are connected to the clock terminals marked C or C1. As you disconnect the wires, do not allow these wires to touch. Wrap the wires separately, using electrical tape to insulate the wires.

Place the wires where they will not interfere with the operation of the new thermostat. You will not connect these wires to your 3200 thermostat. Continue with the installation as instructed on page 4 at step 2e. Six or more wires If your old thermostat has six or more wires (excluding clock wires attached to the C or C1 terminals), your heating/cooling system is most likely a variation of a heat pump or multistage system. Your 3200 thermostat will NOT work with such systems and should be returned to the place of purchase.

@@ Continue the installation procedure on page 4, step 2e. @@@@ You will not connect these wires to your new thermostat. @@ Continue the installation procedure on page 4, step 2e. 69-0653-6 INSTALLATION 9 Five wires connected to the old thermostat Your new thermostat has a factory-installed metal jumper betnd weekend Programming tips · You do not need to program times and temperatures for all program periods. @@@@ Use of sharp fingernails or pencil points can damage the keypad. @@ Program the heating schedule a. @@ @c. Program period Time Temp Time Temp Time Temp Fig. @@ Press once.

A blank schedule is displayed (Fig. 20). @@ 21). or d. Fig. @@ until the desired temperature is Fig. @@ 22) and repeat steps d. through f. @@ 23 g. h. Press (Fig. 23). @@ Fig. @@ 24). @@ through j.

to set the program. Press to start the program. k. Step 4. Program the cooling schedule a.

@@ @c. Set the System switch to COOL. Repeat steps 3c. through 3k. to program the weekday and weekend cooling schedule. Step 5. Check out the system Verify that your heating system works a. Set the System switch to HEAT, and the Fan switch to AUTO. Fig. 25 b.

Press until the setting is 10°F (6°C) above room temperature (Fig. 25). Your heating system should start and the fan should run after a short delay. Press until the setting is 10°F (6°C) below room temperature. @@ d. Set the System switch to COOL, and the Fan switch to AUTO. @@ 26). Your cooling system and fan should start. @@ This delay protect . "HLd" is displayed (Fig.

28). Press displayed. @@ @ 29). The display then returns to the room temperature. Fig.

@@ Press to resume the program. Fig. 30 Cancel a program a. Press 30). until the desired program is displayed (Fig Fig.

31 b. Press and simultaneously. @@ @ Display will not come on Then... @@ Set the System switch to OFF. @@ Replace the batteries correctly. The display should come on. You have reached the temperature limit. @@ See page 18 for instructions.

If "bAt Lo" continues to display after replacing the batteries, set the System switch to OFF and insert the batteries backwards for five to ten seconds. Then replace the batteries correctly. The display should come on. Check the program times for the period in question. Be sure that the AM and PM indications are correct. Make sure the current day and time are correct. Temperature change occurs at the wrong times Heating will not come on · Reprogram if necessary. · Check that the System switch is set to HEAT. @@ Check for correct wiring and good connections. If display is blank or displays "bAt Lo," install fresh batteries.

Allow time for the furnace to heat up and the fan to come on before checking for heat at the register. If the temperature setting is higher than the current room temperature and the SYSTEM ON arrow is displayed, the thermostat is operating correctly. Contact a heating contractor for assistance. 69-0653-6

FREQUENTLY ASKED QUESTIONS 21 If.

. Cooling will not come on Then... Check that the System switch is set to COOL.

@@ Check for correct wiring and good connections. @@ The thermostat has a built-in time delay on cooling. @@ @ Contact an air conditioning contractor for assistance. Press to check the current temperature setting. If desired, change the temperature setting. See page 19 for instructions. Adjust the screws on the back of the thermostat as instructed on page 7. The house is too warm or too cool · The furnace cycles too frequently or the system cycle length is too short or too long · The thermostat's current setting · does not match the display temperature to within plus or minus · 1° · Plug the wiring hole in the wall behind the mounting plate with insulation to prevent drafts that might adversely affect thermostat operation. Be aware that it is normal for the current setting and the displayed room temperature to differ on occasion. During recovery from setback or setup, setting and displayed room temperatures may differ for up to 30 minutes after recovery period.

Customer assistance For all questions concerning this thermostat, please read and follow the instructions. If you need additional assistance, call Honeywell Customer Relations at 1-800-468-1502, Monday-Friday, 7:00 AM-5:30 PM Central Time, or visit us at www.honeywell.com/yourhome. Before you call, please have the following information available: · Thermostat model number and serial code (located under the battery cover) · Type of heating/cooling system (hot water, warm air, oil, gas, etc.) · Number of wires connected to the thermostat NOTICE: This equipment is a Class B digital apparatus, which complies with

Canadian Radio Interference Regulations, CRC c.1374. 22 FREQUENTLY ASKED QUESTIONS 69-0653-6 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 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, Honeywell shall repair or replace it (at Honeywell's option) within a reasonable period of time. If the product is defective, (i) return it, with a bill of sale or other dated proof of purchase, to the retailer from which you purchased it, or (ii) package it carefully, along with proof of purchase (including date of purchase) and a short description of the malfunction, and mail it, postage prepaid, to the following address: Honeywell Inc.

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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 our Customer Relations Center, Honeywell Inc., 1885 Douglas Dr. N., Golden Valley, MN 55422-3992, or call 1-800-468-1502, Monday-Friday, 7:00 a.m.

to 5:30 p.m., Central Time. In Canada, write Retail Products ON30 Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Scarborough, Ontario M1V 4Z9. 69-0653-6 FREQUENTLY ASKED QUESTIONS 23 Home and Building Control Honeywell 1985 Douglas Drive North Golden Valley, MN 55422

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