Homeowner's Guide

**Designed and Assembled
in the USA.**

Universal Application Programmable Thermostat

A14643

SETTING TIME AND DAY

At Power-Up

When power is first applied, AC or HP will appear for 5 seconds to indicate whether it is setup as an air conditioner (AC) or a heat pump (HP) model. After this, the time display will flash to tell you the power has been off.

Setting The Current Time:

1. Press the TEMP/TIME button. SET TIME flashes on the display.
2. Press the UP or DOWN button until the correct time is displayed.
3. To quickly advance to the proper time, press and hold the UP or DOWN button.
4. When the correct time appears on the display, press the HOLD/END button.

NOTE: If you choose not to press the HOLD/END button, the thermostat will automatically exit the time setting mode after 10 seconds.

Setting The Current Day:

1. Press the DAY button to advance to the correct day.
2. When the correct day appears on the display, press the HOLD/END button.

MANUAL OPERATION

To Operate Manually (Without the Programmed Comfort Schedule):

Press the HOLD/END button to make the HOLD icon appear. Then follow the four steps below:

1. **To Select the Mode:**
   Use the MODE button to move between the choices. OFF, HEAT, AUTO (if enabled), COOL, or EMHT will appear on the display. EMHT will only appear when setup for heat pump application.

2. **To Select the Fan Operation:**
   Use the FAN button to move between continuous fan (indicated by the FAN ON icon) and auto fan operation.

3. **To Read the Room Temperature:**
   The large display reads room temperature until a button is pressed.

4. **To Adjust the Setpoint:**
   In normal operation, the large display shows room temperature. At the first press of the UP or DOWN button, the large display shows the current setpoint and the SET TEMP icon is turned on. Further presses of the UP or DOWN button adjust the setpoint upward or downward. Five seconds after the last button press, the display returns to the room temperature and the SET TEMP icon turns off.

PROGRAMMED OPERATION

Introduction

The Universal Application Programmable Thermostat provides four periods per day (MORN, DAY, EVE, NIGHT) and two schedules per week (MoTuWeThFr and SaSu). A separate time, heat setpoint, and cool setpoint can be set for each period and schedule. Before starting to actually program the thermostat, fill out Table 1 with the values you wish to program. (The factory default time and temperature values are already programmed for you as a starting point and are shown in Table 1.)

The first press of the SET button brings up the programming mode and places you at morning (MORN) of the MoTuWeThFr schedule. Successive presses move you between the four daily periods.

While Programming:

The TEMP/TIME button moves between three selections of SET TIME, SET TEMP & HEAT, and SET TEMP & COOL. These three numbers are to be programmed for each of the periods MORN, DAY, EVE, and NIGHT.

The DAY button moves between the weekdays, (MoTuWeThFr) and the weekend (SaSu) selections. A different schedule may be set for the weekdays and the weekend. You may exit programming at any time by pressing the HOLD/END button.

Programming A Weekly Comfort Schedule:

1. Press the SET button. The word PROGR appears on the display and the words SET TIME flash on the display. The MoTuWeThFr and MORN period icons will appear on the display. The current mode HEAT will also show.

2. Press the UP or DOWN button to set the start time for MORN (1) value in Table 1).

3. Press TEMP/TIME. The words SET TEMP will flash. Use the UP and DOWN buttons to select the heat setpoint.

4. Press TEMP/TIME. The word COOL will appear and SET TEMP continues to flash on the display. Use the UP and DOWN buttons to select the cool setpoint.

5. Press the SET button to advance to the next time period. Press TEMP/TIME. Enter time and temperature settings (4) through 12) in Table 1) for the periods DAY, EVE, and NIGHT by following items 2-4 above.

6. Press the DAY button to change between weekday and weekend programming. To set the weekend schedule, repeat items 2 through 5, entering values in 13) through 24) in Table 1.

7. Press HOLD/END to exit the programming mode.

Modifying Your Weekly Comfort Schedule

If you choose to change any of your weekly schedule, press SET at any time. You will enter the programming schedule with weekdays morning period.

You are ready to set the new starting time for the morning period. One press of the TEMP/TIME button and you are ready to set the new morning temperature. To set values for other periods, use the SET button. To set values for other days, use the DAY button. Press HOLD/END and you are finished.

Overriding Your Comfort Schedule

There are two ways to override your comfort schedule.

Method 1 — Manual Operation

By pressing the HOLD/END button to turn on the HOLD icon, the thermostat will maintain the current temperature settings and ignore the comfort schedule for an indefinite period of time. The word HOLD will appear in the display. Press the HOLD/END button a second time and the thermostat will return the temperature settings to the programmed comfort schedule. Pressing HOLD/END will not alter your programmed comfort schedule.

Method 2 — Temporary Override

At the first press of the UP or DOWN button, the current temperature setting will appear on the display. Pressing the UP or DOWN button again will temporarily change the setpoint as needed. At the next programmed time, the programmed comfort schedule will resume.

KEY PAD LOCK OUT FEATURE

At installation and setup of your thermostat the keypad lockout feature can be enabled. This feature when enabled, locks the keypad. If any key is pressed and the thermostat is locked, "Loc" will be displayed in the clock digits to indicate that manual input is not allowed. It can be temporarily unlocked by simultaneously pressing the UP and DOWN keys for 5 seconds. Once unlocked, it will re-lock 3 minutes after the last keypad press.

AUXILIARY AND EMERGENCY HEAT

Auxiliary Heat

If the system has determined that it's too cold outside for your heat pump to heat the house without help, the AUX HEAT icon will indicate that the system is getting help from the electric heaters. This happens automatically.

Emergency Heat (EMHT)

If the heat pump is not working properly, you can manually turn on the emergency heat by pressing MODE until EMHT appears.

You'll know there's a problem if the house can't seem to get warm when it's cold outside. You want to avoid using emergency heat continuously, though, because it's the most expensive option. If you suspect a problem with your heat pump, call your heating and cooling dealer immediately.

CHANGING BATTERIES

In some situations, two AA batteries are the power source for the thermostat. If batteries are used with your equipment, then they should last about one year. As the batteries lose their power, a battery icon appears on the display showing one black bar and then none. As the icon becomes empty, you will begin to lose thermostat functions because the batteries are losing their power. When the batteries are completely dead, you won't be able to use the thermostat.

When using batteries for power, we recommend you replace them with two AA alkaline batteries. They are in a compartment under the removable faceplate of the thermostat. *You do not have to remove the thermostat from the wall to replace the batteries*

Simply use your thumb and forefinger to grasp and pull the branded faceplate away from the thermostat to expose the batteries. Lift out the batteries, and replace them.

Be sure to orient batteries in the direction indicated by the embossed symbols shown on the plastic.

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Table 1 – Programming Table

FACTORY DEFAULT VALUES				NEW COMFORT SCHEDULE					
PERIOD	TIME	COOL	HEAT	MoTuWe ThFr TIME	COOL	HEAT	SaSu TIME	COOL	HEAT
MORNING	6:00 A.M.	78°F 26°C	68°F 20°C	1)	2)	3)	13)	14)	15)
DAY	8:00 A.M.	85°F 29°C	60°F 16°C	4)	5)	6)	16)	17)	18)
EVE	5:00 P.M.	78°F 26°C	68°F 20°C	7)	8)	9)	19)	20)	21)
NIGHT	10:00 P.M.	82°F 28°C	60°F 16°C	10)	11)	12)	22)	23)	24)

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