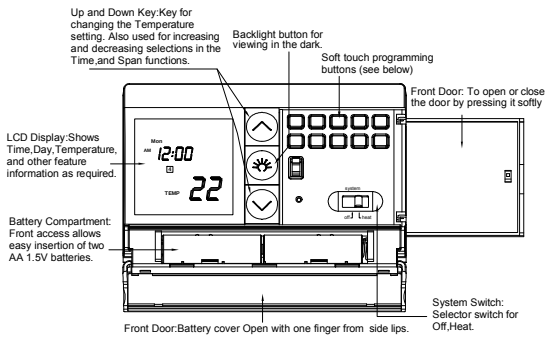
Program Thermostat Owners Manual

Model:A3263



We are pleased you have selected one of our broad line of wall thermostat. Our products are manufactured to high quality standards and are designed for years of service.

Read This Before Installing Thermostat

IMPORTANT

1, Read the entire installation of this Owner's Manual thoroughly before you begin to install or operate your Thermostat.

Remove the mylar label from the display window.

INSTALLATION

2, All installation is normally performed at your thermostat.

PROGRAMMING

3, You can practice programming before installing your thermostat by inserting and connecting the batteries. This can be done while you relax in your favorite chair and is a very good way to familiarize yourself with all the functions of your Thermostat.

OPERATION

4, Your Thermostat is designed to operate with most heating that have 10-230Vac(5A) or 24Vdc(5A) control.

TEMPERATURE RANGE

5, This thermostat can be programmed between 45˚F and 95˚F (7˚C and 35˚C). However, it will display room temperatures from 32˚F to 99˚F (0˚C and 37˚C). "HI" will be displayed if the temperature is higher than 99˚F (37˚C), and "LO" will be displayed if the temperature is lower than 32˚F (0˚C).This thermostat will automatically cutoff in Heat mode if the temperature rises above 95˚F (35˚C).

POWER FAILURE

6, Whenever the main power is interrupted or fails, the battery power retains the programs and current time.

BATTERY WARNING

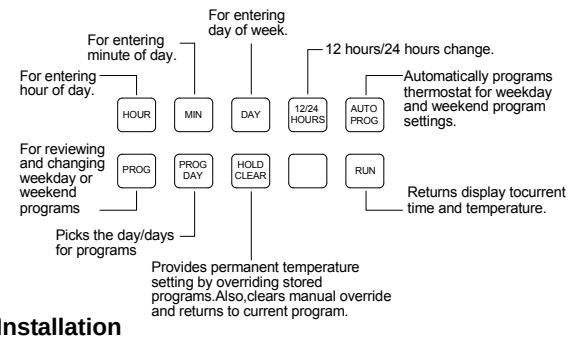
7, Two fresh AA alkaline batteries should provide well about one year of service. However, when the batteries become drained, the "BATT" will flash on the display. When this message occurs, install new alkaline batteries. You have approximately 1 minute to change the batteries and keep the thermostat's clock and program settings. Once the batteries have become too low to ensure proper operation, your system will be turned off, and the display will be cleared except for flashing "BATT" on the lcd display.

CAUTION: When only the Low Battery icon flashes on the display, the thermostat is shut down, and your system will no longer operate. In this condition, there is no temperature control of your dwelling.

NOTE: The backlight will not function when the thermostat is in low battery condition.

NOTE: If you plan to be away from the premises over 30 days, we recommend that you replace the old batteries with new alkaline batteries prior to leaving.

FEATURES



Installation

What You Need

This thermostat comes with two #8 slotted screws and two wall anchors for mounting. To install your unit, you should have the following tools and materials.

- Slotted screwdriver
- Electric drill and 3/16" bit
- Hammer
- Two 1.5V(AA) Size Alkaline batteries are included.

Mount Wallplate and Thermostat

Snap open the wallplate your thermostat by pressing the release tab on the bottom of the thermostat.

Position wallplate on wall and pull existing wires through large opening. Then level for appearance. Mark holes for plastic anchors provided if existing holes do not line up with Hunter Thermostat holes.

Drill holes with 3/16" bit and gently tap anchors into the holes until flush with wall.

Reposition wallplate to wall, pulling wires through large opening. Insert mounting screws provided into wall anchor and tighten. (See **Figure 2.)**

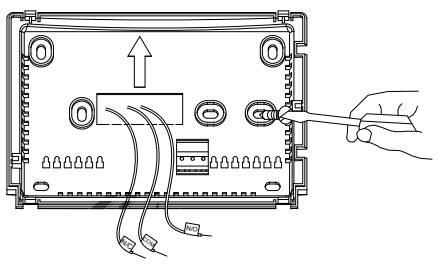


Figure 2

Connect Wires and Mount Thermostat Cover to Wall Plate

- Match and connect the labeled wires to the appropriate coded terminal screws on the mounting plate.(See Figure 3, 4.).
- Be sure to tighten the terminal screws securely, otherwise a loose wire could cause operational problems with your system or thermostat.
- Push excess wire back into hole to prevent interference with mounting of the thermostat cover.
- Make sure the Function Switch is set at OFF.
- Insert the bottom tab on the thermostat body into the slot at the bottom of the wallplate. Press top of the thermostat body to snap it into the wallplate.

(NOTE: Do not force the thermostat onto the wallplate, as the terminal pins may be damaged. If it does not snap properly, the thermostat may not work.)

- Insert the two AA size batteries, observing the polarity marked on the unit.
- The installation is now complete. Continue readingOwner's Manual for complete operating instructions.

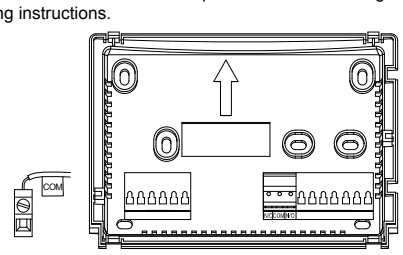


Figure 3 **Figure 4,**

Programming

1 Remove mylar label covering display window.

2 When the heating system is actually operating, "HEAT" will appear on this display.

3 If power is interrupted the batteries will keep all programs.

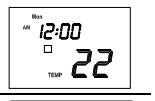
4 If "BATT" indicator appears on the display replace the batteries.

Setting the Time and Day of Week

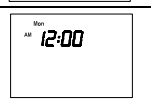
When you first install the two AA batteries, the thermostat automatically sets the day and time to Monday, 12:00 a.m., The first data you should enter is the current time and day of work. As the keys are pressed, the display will show the data being entered.

EXAMPLE: If the unit is being Installed at 9:15 p.m. Saturday, to set the thermostat, you would press the keys in the shown sequence.

- initial read-out
- Current room temperature is 22°.



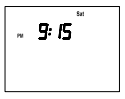
HOUR — ■ Press once. Temperature digits disappear, show time set mode.



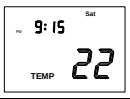
HOUR — ■ Press and hold until current hour appears on display. ■ Note the AM/PM indicator.

MIN — ■ Press and hold until current hour appears on display.

DAY — ■ Press until current day appears on display.



■ Returns to normal time and temperature. ■ If run Key is not pressed it will return automatically in 10 seconds.



Programming Your Thermostat

Your thermostat can be programmed in two different ways.

1. Auto-program method 2. Manual method

Before programming, position the HEAT/OFF selector to be programmed.

Auto Programming

Our thermostat is pre-programmed guidelines for energy efficiency. Note that it is easier to modify these programs than to programs than to program the thermostat manually.

AUTO PROG — ■ Press once. During Auto Programming, the display will change as shown. ■ The thermostat will be programmed for all 7 days of the week as Table 3. ■ Refer to Manual Programming entering or changing the programs.

Table 3.

Program Number	Time	Heat (C˚)
1	6:00 am	20˚C
2	8:00 am	16˚C
3	4:00 pm	20˚C
4	10:00 pm	16˚C

Manual method

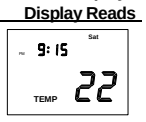
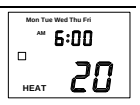
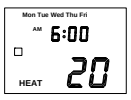
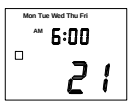
In this method, each program is inserted according to your personal programming schedule.

Familiarize yourself with manual programming. The following example demonstrates the manual programming method. You can program or change the program of weekdays, weekends, or individual days.

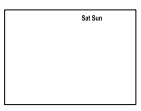
NOTE:1) The program time is set in increments of 15 minutes.

2) The program temperature is set in increments of 1˚C.

3) When setting PM time, make sure the "PM" indicator appears on the display.

	Press	Display Reads
Weekday Programs	■ Normal display of time, temperature, and day of the week.	
Step 1	PROG DAY — ■ Selects days Mon to Fir for same set of 4 programs each day.	
Step 2	PROG — ■ Program indicator(1) is displayed. ■ 20˚C is displayed. ■ Mon to Fir is displayed.	
Step 3	HOUR — ■ Press and hold until 6:00 is displayed. ■ Note AM/PM	
	Press	**Display Reads**
Step 4	△ — ■ Press once to change temperature to 21˚C. ■ Weekday program 1 is complete. ■ Press PROG to move to program 2,3, and 4 and follow the same steps.	

Use HOUR MIN ▽ △ to insert or change time and temperature of other programs.

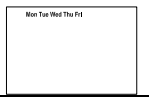
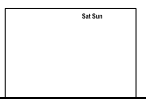
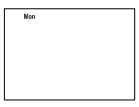
Continue for Weekend Programs	PROG DAY — ■ Selects weekend days Sat, Sun for same set of 2 programs each weekend day. ■ Follow steps 2-4 to enter programs.	

Similar to weekday programming.

PROG HOUR MIN ▽ △ to insert weekend programs.

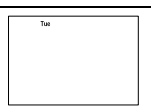
Individual Day Programming

To program for each individual day separately by a different set of programs, first select day by displaying the day of program, then insert the desired times and temperatures.

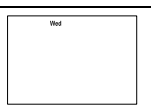
Press		Display Reads
PROG DAY	■ Mon to Fir are selected. Mon to Fir will have Some programs.	
PROG DAY	■ Sat to Sun will have Some programs.	
PROG DAY	■ Mon is selected, program for Mon only.	

Use PROG DAY HOUR MIN ▽ △ to enter programs for Monday.

Similarly PROG DAY ■ Tue is selected.



PROG DAY ■ Wed is selected.



Display the day to be programmed and use PROG DAY HOUR MIN ▽ △ to enter programs.

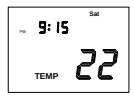
NOTE: Another approach to programming is to first program all weekdays Mon through Fir and Sat and Sun as same programs. Then, display and change the programs of only those days which will have different programs.

Reviewing Programs

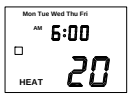
You may want to review the programs to see that the settings are compatible with your lifestyle.

Weekday Program

PROG — ■ Normal display of current time, day of week temperature, and day of week.



PROG — ■ 1st weekday program is displayed. ■ Program indicator(1) appears. ■ Mon to Fir indication appears.



Continue pressing PROG to review programs.

NOTE: The temperatures you have entered will NOT take effect immediately, but at the next program time change. The Thermostat is pre-set to 20 C˚ in heat mode.

If you want a temperature other than 20C˚ right away, you must use the manual override feature described below to enter the temperature you want.

When you entered program becomes effective, the corresponding program number will appear on the display.

After programming, confirm the new programs by pressing RUN

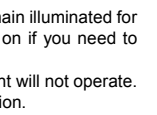
If you are armchair programming the thermostat, before you mount the face of the thermostat, turn the system selector to the OFF position.

Temporary Manual Override

To temporarily change the current set temperature without affecting your program:

Press and hold ▽ or △ for less than 1 second to enter Manual Override mode.

Press ▽ and △ to change to your desired new temperature.



RUN

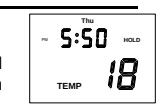
- ■Press to RUN to normal mode, or wait 15 seconds for it to Return automatically.
- ■The current program number will flash to signify the Temporary Override. At the next program change, the Temporary Override, and the next program temperature becomes the set point temperature.

To end the Temporary Manual Override:

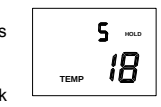
- ■Press HOLD key. This will return the set temperature to the current program set temperature.

Permanent Override or a Designated Day Override

To hold your Manual Override for vacation or Until a Designated Day



- •Press HOLD CLEAR to make the current program temperature the hold temperature. HOLD will be displayed on the LCD, and the Program number will disappear.
- • ▽ or △ follow the Temporary Manual Override instructions above to change the Permanent Manual Override temperature.
- •You can confirm the held set temperature by pressing HOLD CLEAR for less than 1 second.



- •Press HOLD CLEAR again. Hold day will be displayed on the lcd and the clock will disappear.
- •Press DAY key to add override days. Press HOLD key to reduce override days
- •Follow the Temporary a Designated Day Override instructions above to change the Permanent Manual Override temperature.

To end Override:

- •Under Permanent Override Press HOLD CLEAR key twice. Under a Designated Day Override press the HOLD CLEAR once. The thermostat will return to the current program, and the HOLD display will be canceled.

Other Features

12Hr. / 24 Hr. Time Format

Your thermostat is set from the factory in normal 12 (AM/PM) time format. To change to 24 hour (military) time, press 12/24 HOURS during time and day setting mode to toggle between the 12 hour and 24 hour formats. The AM / PM indicator will not be displayedin 24 hour mode. Both the current time and all programs will automatically change to the selected format.

Backlighting

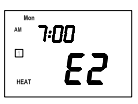
Your thermostat has an electroluminescent lamp that backlights the display for easy viewing in the dark.

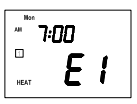
When any key is pressed the display is illuminated.The display will remain illuminated for 8 seconds after the last key is pressed. This allows the light to stay on if you need to operate several keys.

Note: If the thermostat is in Low Battery warning condition, the backlight will not operate. Replace with 2 new AA alkaline batteries to restore the Backlight function.

Error Mode

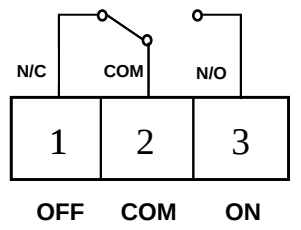
If the thermostat is unable to control your system due to an unexpected battery problem, the thermostat will enter Error Mode. In this condition, the thermostat flashes "E1"or "E2"on the LCD display, and shuts off your system. To correct this problem, replace the batteries with 2 new AA alkaline batteries, even if you have recently replaced them. You will need to reprogram your thermostat and confirm normal operation.





Lcd display	information	Lcd display	information
E1	Sensor Error	E2	System switch

Wiring Diagrams



Troubleshooting

Problem	Solution
SCRAMBLED OR DOUBLE DISPLAY (numbers over numbers)	1. Remove clear mylar sticker.
NO DISPLAY	1. Check battery connections and batteries.
ERRATIC DISPLAY	2. Press RESET button with a small pin and hole in for two seconds.
ENTIRE DISPLAY DIMS	1. Replace batteries.
PROGRAM DOES NOT CHANGE AT YOUR DESIRED SETTING	1. Check that time is set properly to "AM" or "PM" 2. Check that thermostat is not in "HOLD" mode. 3. Check for correct day setting.
HEATING DOES NOT GO ON OR OFF.	1. Check that function switch is in correct position

If you experience any other problems, call us for technical assistance.