

## 3003P Instruction

### LCD DISPLAY

1. PROGRAM FOR: Flashes when programming days of week and periods of the day. When in normal state, only current DAY displays. When programming or in PROGRAM mode, both day and week will display.
2. DAY – Flashes when current day or day of week is being programmed.
3. PERIOD – Flashes when current period of day or period of week is being programmed.
4. MODE – Indicates operation MODE of system. ON indicates the system is on, either manually or thermostatically. OFF indicates the entire system is turned off. THERMO indicates the system will automatically cycle ON/OFF, depending on programmed SET temperature. PROGRAM – Indicates the system is operating with PROGRAMMED settings.
5. START AT – Flashes when programming the time to turn system ON.
6. SET – Indicates desired SET room temperature, when in THERMO or PROGRAM mode.
7. 0F/ 0C – Factory programmed in 0F.( 0C indicates degrees in Celsius.)
8. TIME/TEMP – Displays the CURRENT room temperature. In same frame the current time will display in AM or PM. You must depress the TIME/TIMER button to display current time.
9. LOW – Battery power is low. Replace batteries within 2 weeks.
10. TIMER – When displayed indicates countdown timer in operation.
11. OVERRIDE – Displays when “programmed” SET temperature is overridden.
12. FLAME – Single or double flame symbol indicates burner/valve is operational.
13. HOLD – Displays when “programmed” SET temperature is overridden and will hold that temperature until cancelled or next program period change.
14. CP – Displays when CHILD PROOF “LOCK-OUT” is engaged. Pressing the UP and TIMER buttons together, engages CP.
15. SWING- Displays in SET frame when setting TEMPERATURE DIFFERENTIAL.
16. FAN – Indicates the fan is on (when fan blade displayed). OFF indicates fan is not in operation.

## **FUNCTIONS**

To operate the system, press the MODE button on the transmitter to select the operational MODE desired.

1. ON indicates the system is on, either manually or thermostatically.
2. OFF indicates the entire system is turned off.
3. THERMO indicates the system will automatically cycle ON/OFF, depending on programmed set temperature.
4. PROGRAM indicates the system will automatically cycle ON and OFF in the programmed mode depending on the 7 day/4 period program that is in memory.

## **BUTTON SETTINGS**

Flip down the plastic cover on the front of the transmitter to expose the "SET" buttons. The flip cover protects the SET buttons from being changed accidentally. Close the cover after completing the following settings/programming.

Flashing numbers on the display indicate the system is awaiting user input, such as using the UP and DOWN buttons to program a new setting. If no change is made to flashing digits within 15 seconds, the system will complete the procedure last programmed and reset the display to its normal state.

## **INITIAL SET-UP PROGRAMMING OF TRANSMITTER**

Follow the procedures below, upon FIRST USE of transmitter, setting the following program options:

1. TEMPERATURE SETTING – 0F (Fahrenheit) or 0C (Celsius)
2. CURRENT DAY OF WEEK – SU, MO, TU, WE, TH, FR, SA
3. CURRENT TIME OF DAY – Hours and minutes
4. FLAME CONTROLLER – HI/LO solenoid

## **CHANGING THE TEMPERATURE SCALE**

1. After pressing the small button in the battery compartment to start the set up process the 0F symbol will begin flashing on the LCD screen.
2. To change 0F to 0C, press the UP or DOWN button on the front of the transmitter.
3. After setting/confirming the preferred temperature SCALE, press the SET button on the front of the transmitter.

NOTE: You will need to press the SET button, confirming 0F if you want the temperature readings to be in 0F.

## **SETTING THE CURRENT DAY OF THE WEEK**

1. Following Step 3 on the previous page, the symbol SU will begin flashing on the LCD screen.
2. To change to the CURRENT day of the week, press the AHEAD or BACK button on the front of the transmitter.
3. After setting/confirming the current Day of the week, press the SET button on the front of the transmitter.

## **SETTING THE CURRENT HOUR AND MINUTES**

1. Following Step 3 above, the HOUR digits will begin flashing in the TIME frame on the LCD screen.
2. To set the current HOUR, press the UP or DOWN button setting the HOUR for the

corresponding AM/PM time period.

3. After setting the current HOUR, press the SET button on the front of the transmitter, and the MINUTE digits will begin flashing on the LCD screen
4. To set the current MINUTES, press the UP or DOWN button setting the correct MINUTES.
5. After setting the HOURS and MINUTES, press the SET button on the front of the transmitter

### **SETTING THE FLAME CONTROLLER**

1. Following step 5 above, two flames, words HI FLAME will begin flashing on the LCD screen.
2. On this 3324R system press SET this will set the flame controller to HI/LO operation.
3. You can push the UP or DOWN button setting HI/LO or MODULATION on the LCD screen.
4. NOTE: The 3324R solenoid will only work when the flame controller is set to HI/LO.

### **PROGRAMMING THE TRANSMITTER**

1. Press the PROG button for 4 seconds. The shaded boxes on the LCD screen with the words PROGRAM FOR and START AT will begin to flash. The current DAY, PERIOD, TIME and SET temperature of the BUILT-IN FACTORY PROGRAM will also be displayed.
2. To program the DAY and PERIOD OF DAY, press the AHEAD or BACK buttons to display the DAY and PERIOD you wish to program.
3. When the DAY and PERIOD being programmed displays, then press the PROG button and the TIME will flash on the LCD screen.
4. To program the START TIME, press the UP or DOWN button. Programmed start time settings are in 15 minute segments. The new set time will display on the LCD screen.
5. When the desired START TIME displays, press the PROG button and the SET TEMPERATURE will flash on the LCD screen.
6. To program the SET TEMPERATURE, press the UP or DOWN button.
7. When the desired SET TEMPERATURE displays, then press the PROG button.
8. After pressing the PROG button in step 7, the next PERIOD of the same or next day will display on the LCD screen.
9. To program the next PERIOD follow steps 3, 4, 5, 6 and 7.
10. Continue to follow steps 3, 4, 5, 6 and 7 until all 7 days and the 4 time periods in each day are programmed.
11. Once ALL the programming has been completed, then press the SET button. The programming data that has been entered will now over-ride the factory built-in program and operate your remote control system.

### **PROGRAM REVIEW**

If you want to review the settings for either the FACTORY program and/or your CUSTOMIZED program, you may do so by pressing the PROG button for one second. To review other settings, press the PROG button allowing one second between each press of the PROG button. If you press the PROG button for 4 seconds, then you go into the programming process. Press the SET button should you hold the PROG button too long.

### **PROGRAM CANCELLATION**

Should you want to cancel the CUSTOMIZED program that you have entered and return to the FACTORY program, you may do so. To cancel a CUSTOMIZED program:

1. Press the SET button to make sure the LCD screen is in normal state.
2. Then press and hold the PROG button and, at the same time, press the SET button for a period of 10 seconds.
3. The customized programs will be cancelled when the display icons/numbers flash with some

icons disappearing. The LCD screen will begin flashing PROGRAM FOR, START AT, and the digits in the TIME and SET frames will begin flashing. This confirms CUSTOMIZED programs have been cancelled.

4. Push the SET button to return LCD screen to normal state or wait 10 seconds and LCD screen will return to normal state automatically.

### **SWING (TEMPERATURE DIFERENTIAL)**

1. To change the temperature "SWING" setting (1-3), press the AHEAD + BACK buttons simultaneously to display the current "SWING" setting in the SET TEMP frame. The word SWING will display on the LCD screen.

2. Press the UP or DOWN button to change the temperature differential or "SWING" (1-3). See above for 1-3 "SWING" temperature values.

3. To store the "swing number", press the SET button or allow 15 seconds to lapse, and the new "swing number" will be automatically programmed.

### **SETTING DESIRED ROOM TEMPERATURE**

This remote control system can be thermostatically controlled when the transmitter is in the THERMO mode (THERMO must be displayed on the screen).

1. To set the DESIRED room temperature, press the MODE button to place the transmitter into THERMO mode. THERMO ON or OFF will display.

2. Then press the UP or DOWN button to select the DESIRED room temperature. The highest SET temperature is 990 F (320 C). The lowest SET temperature is 450 F (60 C).

3. The TRANSMITTER will "sense" the room temperature every two minutes automatically turning the fireplace ON or OFF thermostatically.

**TEMPERATURE OVERRIDE** – (Operates only in PROGRAM mode) The user may change the current SET temperature without changing the programs stored in the transmitter's memory. The OVERRIDE feature will be automatically cancelled at the start of the next PROGRAM PERIOD.

1. To change current SET TEMP, press the UP or DOWN key. (Setting will be cancelled automatically when next program period begins.) The word OVERRIDE will appear over the SET frame on the LCD.

2. To cancel temperature OVERRIDE, press SET button.

**TEMPERATURE HOLD** – (Operates only in PROGRAM mode.)

The user may override the SET temperature during any period, adjusting the SET temperature to a CONSTANT new SET/HOLD temperature.

1. Press the UP or DOWN button to change the SET temperature to the level desired. The word OVERRIDE will appear in SET frame on the LCD.

2. To HOLD the new temperature at a CONSTANT setting, push the UP and DOWN buttons TOGETHER to activate the HOLD function. The word HOLD will appear over the SET frame and the word OVERRIDE will disappear.

3. To cancel OVERRIDE or HOLD, press the SET button or HOLD will last until the next programmed period change.

### **TIME OF DAY DISPLAY**

1. To check the current TIME of day, press the TIMER/TIME button on the transmitter for less than 1 second. The current TIME of day will appear in the TIME/TEMP frame replacing the

temperature reading the TEMPERATURE will reappear in 15 seconds.

2. press the SET button to cancel the display of the time.

### **SETTING THE COUNTDOWN TIMER**

This remote control can operate with a built-in, countdown timer when the transmitter is in the ON or THERMO mode (THERMO or ON must be displayed on the LCD screen). DOES NOT operate in PROGRAM MODE as times are pre-programmed into the transmitter.

1. Press the TIMER/TIME button on the transmitter for more than 2 seconds. The word TIMER and 0:15 flash on the LCD screen.

2. Press the UP or DOWN button on the transmitter to begin advancing through each of the countdown time options. Available countdown times are 15 min., 30 min, 45 min, 1 hr, 1 hr 30 min, 2 hr, 2 hr 30 min, and each additional half hour up to nine hours.

3. To set the TIMER press the SET button on the transmitter. If the system is ON, it will remain on until the “timer time” has expired. If the system is in the THERMO mode, it will turn ON and OFF as the room temperature requires until the “timer time” has expired.

4. To cancel the TIMER operation, press the TIMER/TIME button for more than 2 seconds.

### **OPERATING A FAN - (Operates only in ON/THERMO/PROGRAM MODES)**

This remote control system has the capability of controlling the ON/OFF operation of a 110 VAC fan or blower system that may be included with your gas appliance. It only operates the ON/OFF function for the fan/blower and cannot adjust a variable speed controller. When properly connected to the remote receiver, the fan will only go ON or OFF by remote. You will still be able to vary the speed of the fan/blower at the appliance, but not remotely with the transmitter.

1. To turn the fan ON, press the Fan button on the transmitter. When the fan is operating, the fan blade will display. Press the FAN button to turn fan OFF. When the fan is off, OFF will display on the LCD screen below the word FAN.

2. When the transmitter is in the THERMO or PROGRAM modes and the FAN button is pressed to ON, the FAN will operate ON and OFF as the cycling of the THERMO or PROGRAM occurs. IF the FAN is in the OFF position, the fan will not operate until activated by the FAN button.

### **ADJUSTING THE FLAME HEIGHT**

1. HI/LO SOLENOID – Allows the user to change the flame height from LO to HI with a single press of the FLAME button. The word HI and a second flame icon appears on the LCD screen when HI flame is operated.

### **OPERATING THE HI/LO SOLENOID**

To operate the HI/LO control, from the transmitter, ON/THERMO ON or PROGRAM ON must be displayed on the LCD screen. NOTE User must have FLAME CONTROLLER set to HI/LO. Review the procedure SETTING THE FLAME CONTROLLER under INITIAL SET-UP PROGRAMMING OF TRANSMITTER in earlier section.

1. Press the FLAME button on the transmitter to change flame height from LO to HI. You will note the word HI and a 2nd FLAME icon will appear on the LCD screen. Press again to change from HI to LO.

### **LOW/BATTERY INDICATOR**

The word LOW outlined by a battery on the left side of the LCD screen will appear when battery power has dropped significantly. At this time, approximately two weeks of battery

power remains until the transmitter may experience partial or complete loss of functions.  
NOTE: A reversed battery will activate the LOW battery icon.

## **FCC Notice**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.