

## Programming the T775B Controller (Reverse Cycle System)

To program the controller, perform the following procedures in the order listed:

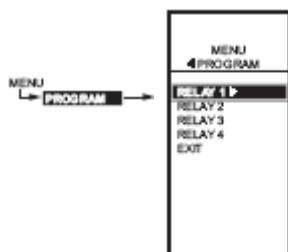


Fig. 1 Program Menu

### 1.1. Entering Program Mode

Press the MENU button, then select PROGRAM and press the ► button to view the program menu.

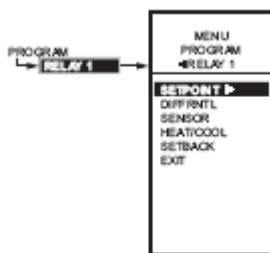


Fig. 2

### 1.2. Program Menu for Outputs

1. From the menu, use the ▲ and ▼ buttons to highlight RELAY 1.
2. Press the ► button to select RELAY 1 to view the parameters. Fig. 2 shows RELAY 1.

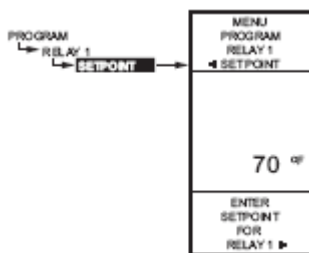


Fig. Program - Setpoint

#### 1.2.1. SETPOINT

1. From the menu, use the ▲ and ▼ buttons to highlight SETPOINT.
2. Press the ► button to display the setpoint value.
3. Use the ▲ and ▼ buttons to increase/decrease the desired setpoint temperature.  
**Set the temperature to 45° F.**
4. Press the ► button to accept the setpoint temperature and display the next option.

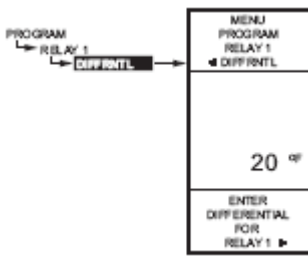


Fig. Program – Differential

## 1.2.2. DIFFERENTIAL SETTING

1. From the menu, use the ▲ and ▼ buttons to highlight DIFFERNTL.
  2. Press the ► button to display the differential value.
  3. Use the ▲ and ▼ buttons to increase/decrease the desired value.  
**Set the value to 3° F.**
  4. Press the ► button to accept the value and display the next option.
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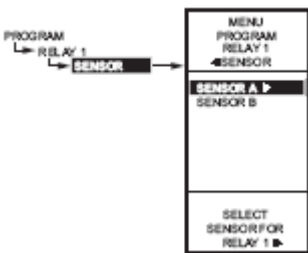


Fig. Program – Sensor

## 1.2.3. SENSOR

1. From the menu, use the ▲ and ▼ buttons to highlight SENSOR.
  2. Press the ► button to display the sensor selections.
  3. Use the ▲ and ▼ buttons to select Sensor A or B.  
**Select sensor B.**
  4. Press the ► button to accept the highlighted sensor and display the next option.
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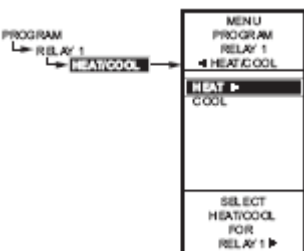


Fig. Program Heat/Cool

## 1.2.4. HEAT/COOL

1. From the menu, use the ▲ and ▼ buttons to highlight HEAT/COOL (Default: HEAT).
  2. Press the ► button to display the heat and cool selections.
  3. Use the ▲ and ▼ buttons to select Heat or Cool.  
**Select COOL.**
  4. Press the ► button to accept the highlighted selection and display the next option.
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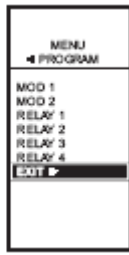


Fig. Program – Exit

### 1.2.5. Exiting Program Mode for Relay 1

Press the EXIT ► button to finish the programming for Relay 1. After this you will get the screen with RELAY 2 highlighted.

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### 1.2.6. Program Next Output (Relay 2)

For the next output, select the desired output (RELAY 2) from the Program menu (see Fig. 1)

Repeat steps from 1.2. to 1.2.4. to program **RELAY 2**.

The settings for RELAY 2 are as follows:

**SETPOINT: 100° F**  
**DIFFERENTIAL: 10° F**  
**SENSOR: SENSOR A**  
**HEAT/COOL: HEAT**

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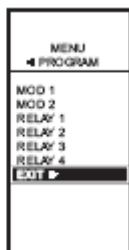


Fig. Program – Exit

### 1.2.7. Exiting Program Mode

Press the EXIT ► button to finish the programming for Relay 2.  
Press the HOME button to leave programming mode and return to the home screen.  
This completes the programming procedure.

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# Programming the Time Delay parameters for T775A/B Honeywell Controller

To program the controller for time delay, perform the following procedures in the order listed:

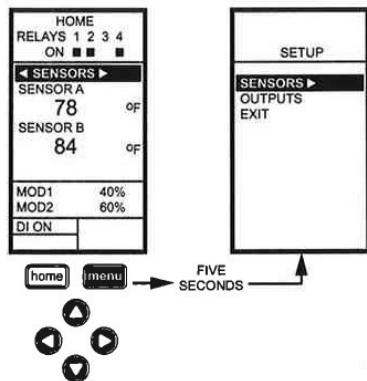


Fig. 1

## 1.1. Setup Menu

To access the Setup menu, press and hold the MENU button for five seconds. See Fig. 1.

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### Using the Menus

When you are working with the menus, use the:

- **Left arrow button** (◀) to scroll backward through the menus
- **Right arrow button** (▶) to select the highlighted menu item and display its content
- **Up and Down arrow buttons** (▲ and ▼) to scroll up and down through a list of items or to increase or decrease the value of a displayed parameter

NOTE: If you press the **HOME** button or there is no keypad activity for four Minutes, you exit Program mode and return to the home screen.

If you press the **MENU** button, you exit and return to the menu.

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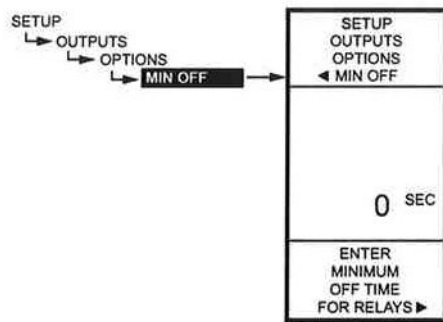


Fig. 2 Setup – Outputs – Options – Min Off Time

To go from Setup menu screen as shown in Fig. 1 to Min Off screen shown in Fig. 2, follow the steps as listed below:

1. From the Setup menu (Fig. 1), use the Down arrow button (▼) to highlight **OUTPUTS**.
2. Press Right arrow button (▶) to display the Outputs menu.
3. Press the Down arrow button (▼) to highlight **OPTIONS**.
4. Press Right arrow button (▶) to display the Options menu.
5. Press the Down arrow button (▼) to highlight **MIN OFF**.
6. Press Right arrow button (▶) to display the Min Off screen (Fig. 2).

### 1.2. MIN OFF (minimum off time for all relays)

This is the minimum number of seconds of “off time” for all relays.

Use the Up and Down arrow buttons (▲ and ▼) to increase/decrease the desired number of seconds from 0 to 990 in 10 second increments.

Default: 0 (zero)

Range: 0 to 990 seconds

**Aqua Air factory setting: 20 seconds**

### 1.3. Exit the program

After entering the desired number of seconds, press **HOME** button to accept the seconds and finish the programming process. The display should show Home screen.