

Programming the T775M Controller (Cooling Thermostat)

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

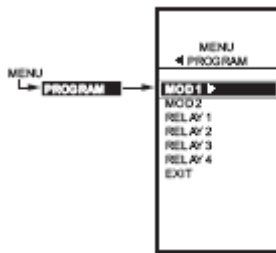


Fig. 1

1.1. Entering Program Mode

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

Fig. 1 shows the Program menu for controller.

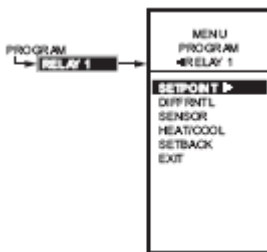


Fig. 2

1.2. Program Menu for Outputs

1. From the menu, use the ▲ and ▼ buttons to highlight MOD 1.
 2. Press the ► button to select MOD 1 to view the parameters. Fig. 2 shows RELAY 1. In MOD 1, THROT RNG replaces DIFFERNTL.
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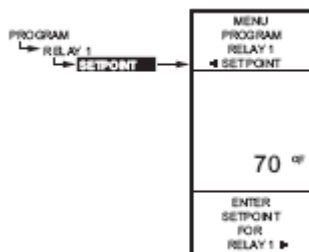
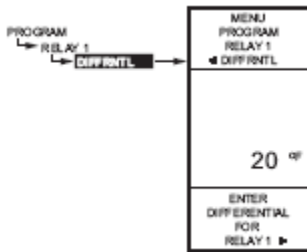


Fig. Program – Setpoint

1.2.1. SETPOINT for Cooling Thermostat

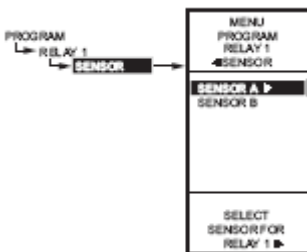
1. From the menu, use the ▲ and ▼ buttons to highlight SETPOINT.
2. Press the ► button to display the setpoint value.
3. Use the ▲ and ▼ buttons to increase/decrease the desired setpoint temperature.
Set the temperature to 55° F.
4. Press the ► button to accept the setpoint temperature and display the next option.



1.2.2. SETTING THROTTLING RANGE

Fig. Program – Throttling Range

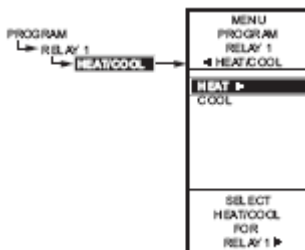
1. From the menu, use the ▲ and ▼ buttons to highlight THROT RNG.
2. Press the ► button to display the throttling range value.
3. Use the ▲ and ▼ buttons to increase/decrease the desired value.
Set the value to 10° F.
4. Press the ► button to accept the value and display the next option.



1.2.3. SENSOR

Fig. Program – 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 A.
4. Press the ► button to accept the highlighted sensor and display the next option.



1.2.4. HEAT/COOL

Fig. Program 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.

1.2.5. Exit

Press the ► button to accept the highlighted selection EXIT. This will display the main Program Menu screen (Fig. 1)

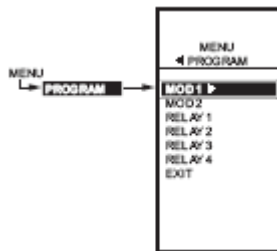


Fig. 1

1.2.6. Program Next Output (Relay 2)

1. From the menu, use the ▲ and ▼ buttons to highlight RELAY 2.

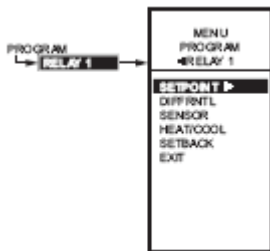


Fig. 2

2. Press the ► button to select RELAY 2 to view the parameters.(Fig. 2 shows RELAY 1.)
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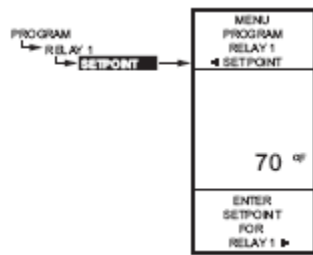


Fig. Program - Setpoint

1.2.7. 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 65° F.
 4. Press the ► button to accept the setpoint temperature and display the next option.
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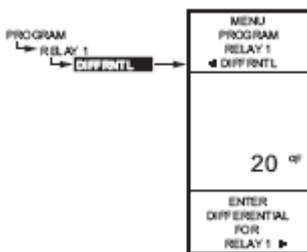


Fig. Program – Differential

1.2.8. 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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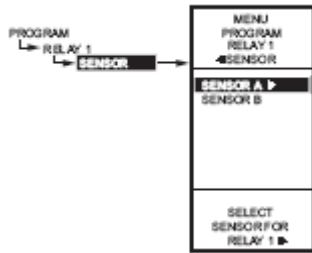


Fig. Program – Sensor

1.2.9. 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 A.
4. Press the ► button to accept the highlighted sensor and display the next option.

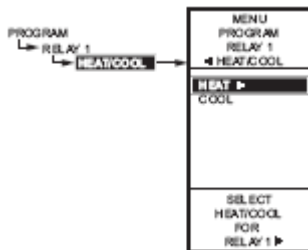


Fig. Program Heat/Cool

1.2.10. 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.

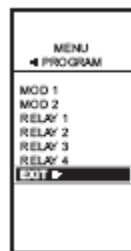


Fig. Program – Exit

1.2.11. Exiting Program Mode

Press the HOME button to leave programming mode and return to the home screen.

This completes the programming procedure for Cooling Thermostat (CT).

Programming the T775M Controller (Heating Thermostat)

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

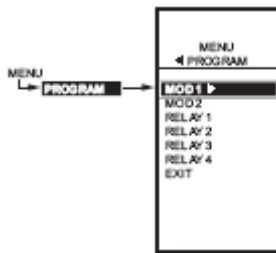


Fig. 1

1.1. Entering Program Mode

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

Fig. 1 shows the Program menu for controller.

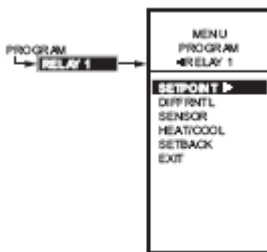


Fig. 2

1.2. Program Menu for Outputs

1. From the menu, use the ▲ and ▼ buttons to highlight MOD 1.
 2. Press the ► button to select MOD 1 to view the parameters. Fig. 2 shows RELAY 1. In MOD 1, THROT RNG replaces DIFFERNTL.
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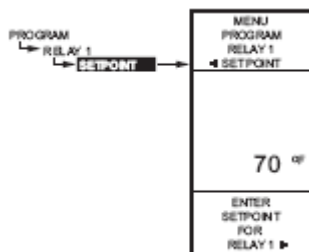
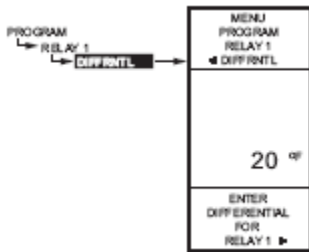


Fig. Program – Setpoint

1.2.1. SETPOINT for Heating Thermostat

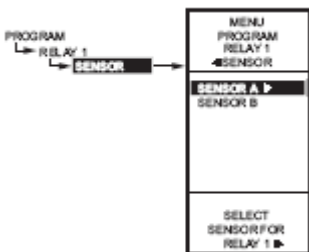
1. From the menu, use the ▲ and ▼ buttons to highlight SETPOINT.
2. Press the ► button to display the setpoint value.
3. Use the ▲ and ▼ buttons to increase/decrease the desired setpoint temperature.
Set the temperature to 55° F.
4. Press the ► button to accept the setpoint temperature and display the next option.



1.2.2. SETTING THROTTLING RANGE

Fig. Program – Throttling Range

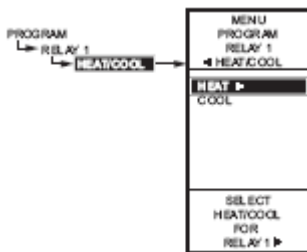
1. From the menu, use the ▲ and ▼ buttons to highlight THROT RNG.
2. Press the ► button to display the throttling range value.
3. Use the ▲ and ▼ buttons to increase/decrease the desired value.
Set the value to 10° F.
4. Press the ► button to accept the value and display the next option.



1.2.3. SENSOR

Fig. Program – 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 A.
4. Press the ► button to accept the highlighted sensor and display the next option.



1.2.4. HEAT/COOL

Fig. Program 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 HEAT.
4. Press the ► button to accept the highlighted selection and display the next option.

1.2.5. Exit

Press the ► button to accept the highlighted selection EXIT. This will display the main Program Menu screen (Fig. 1)

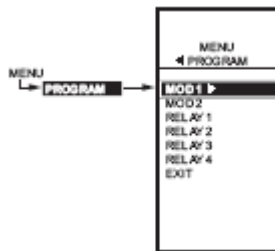


Fig. 1

1.2.6. Program Next Output (Relay 2)

1. From the menu, use the ▲ and ▼ buttons to highlight RELAY 2.

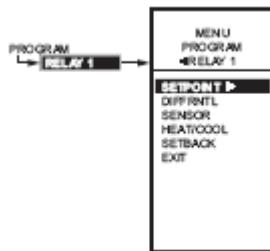


Fig. 2

2. Press the ► button to select RELAY 2 to view the parameters.(Fig. 2 shows RELAY 1.)
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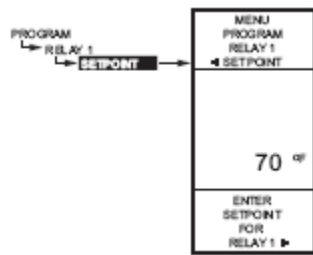


Fig. Program - Setpoint

1.2.7. 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 65° F.
 4. Press the ► button to accept the setpoint temperature and display the next option.
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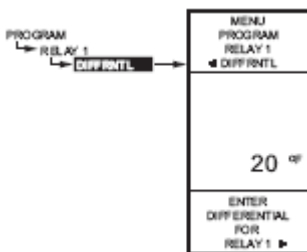


Fig. Program – Differential

1.2.8. 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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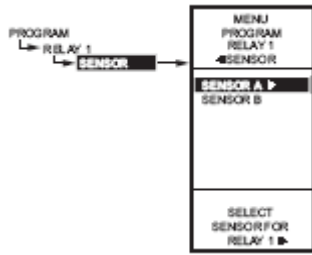


Fig. Program – Sensor

1.2.9. 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 A.
4. Press the ► button to accept the highlighted sensor and display the next option.

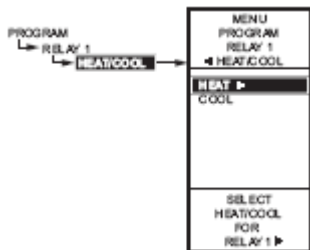


Fig. Program Heat/Cool

1.2.10. 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 HEAT.
4. Press the ► button to accept the highlighted selection and display the next option.

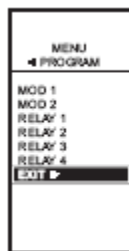


Fig. Program – Exit

1.2.11. Exiting Program Mode

Press the HOME button to leave programming mode and return to the home screen.

This completes the programming procedure for Heating Thermostat (HT).