Made in USA

SC5010

Programmable Electronic Thermostat

1 Heat/1 Cool
Auto Changeover
Battery or Hardwire

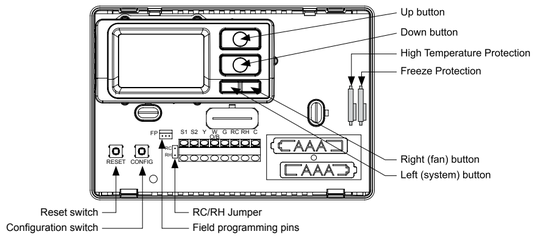
- **7-Day, 5-2-Day or 5-1-1-Day Programmable**
- **Configurable**
- **Single Stage Heat/Cool Systems**
- **Single Stage Heat Pump Systems**
- **Large Display With Backlight**
- **Selectable Fahrenheit or Celsius**
- **Compatible with Gas, Oil, or Electric**
- **SimpleSet™ Field Programming**
- **Status Indicator Light**
- **Relay Outputs (minimum voltage drop in thermostat)**
- **Remote Sensor Compatible**
- **Ideally Suited for:**
  - Residential (New Construction/Replacement)
  - Light Commercial

Installation, Operation & Application Guide

For more information on our complete range of American-made products – plus wiring diagrams, troubleshooting tips and more, visit us at **www.icmcontrols.com**

ICM CONTROLS

Parts Diagram



Icon Descriptions

Specifications

Electrical rating: • 24 VAC (18-30 VAC)
• 3.0 VDC (2 "AAA" batteries)
• 1 amp maximum per terminal
• 3 amp maximum total load

Temperature control range: 45°F to 90°F (7°C to 32°C) **Accuracy:** ± 1°F (± 0.5°C)

System configurations: 1-stage heat, 1-stage cool, heat pump, gas, oil, electric

Timing: *Anti-short Cycle:* 4 minutes
Backlight Operation: 5 seconds when configured ON

Terminations: S1, S2, Y, W/O/B, G, RC, RH, C

Important Safety Information

WARNING!: ***Always turn off power at the main power supply before installing, cleaning, or removing thermostat.***

- This thermostat is for 24 VAC applications only; do not use on voltages over 30 VAC
- Do not short across terminals of gas valve or system control to test operation; this will damage your thermostat and void your warranty
- All wiring must conform to local and national electrical and building codes
- Do not use air conditioning when the outdoor temperature is below 50 degrees; this can damage your A/C system and cause personal injuries
- Use this thermostat only as described in this manual

Package Contents/Tools Required

Package includes: **SC5010 PRO** thermostat on base, thermostat cover, wiring labels, screws and wall anchors, 2 "AAA" batteries, Installation, Operation and Application Guide

Tools required for installation: Drill with 3/16" bit, hammer, screwdriver

To Remove Existing Thermostat

ELECTRICAL SHOCK HAZARD – ***Turn off power at the main service panel by removing the fuse or switching the appropriate circuit breaker to the OFF position before removing the existing thermostat.***

1. Turn off power to the heating and cooling system by removing the fuse or switching the appropriate circuit breaker off.
2. Remove cover of old thermostat. This should expose the wires.
3. Label the existing wires with the enclosed wire labels before removing wires.
4. After labeling wires, remove wires from wire terminals.
5. Remove existing thermostat base from wall.
6. Refer to the following section for instructions on how to install this thermostat.

To Install Thermostat

ELECTRICAL SHOCK HAZARD – ***Turn off power at the main service panel by removing the fuse or switching the appropriate circuit breaker to the OFF position before removing the existing thermostat.***

IMPORTANT: *Thermostat installation must conform to local and national building and electrical codes and ordinances.*

⁂ **Note:** *Mount the thermostat about five feet above the floor. Do not mount the thermostat on an outside wall, in direct sunlight, behind a door, or in an area affected by a vent or duct.*

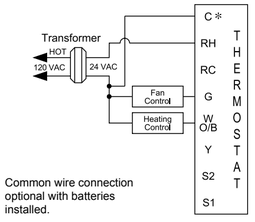
1. Turn off power to the heating and cooling system by removing the fuse or switching the appropriate circuit breaker off.
2. To remove cover, pull gently at the seam at the top.
3. Put thermostat base against the wall where you plan to mount it (Be sure wires will feed through the wire opening in the base of the thermostat).
4. Mark the placement of the mounting holes.
5. Set thermostat base and cover away from working area.
6. Using a 3/16" drill bit, drill holes in the places you have marked for mounting.
7. Use a hammer to tap supplied anchors in mounting holes.
8. Align thermostat base with mounting holes and feed the control wires through slit in thermal intrusion barrier and into wire opening.
9. Use supplied screws to mount thermostat base to wall.
10. Insert stripped, labeled wires in matching wire terminals.

    CAUTION!: *Be sure exposed portion of wires does not touch other wires.*
11. Gently tug wire to be sure of proper connection. Double check that each wire is connected to the proper terminal.
12. Insert 2 "AAA" batteries into battery holder. Orient them in the proper direction.
13. Turn on power to the system at the main service panel.
14. Configure thermostat to match the type of system you have.
15. Replace cover on thermostat by snapping it in place.
16. Test thermostat operation as described in "Testing the Thermostat".

Wiring Diagrams

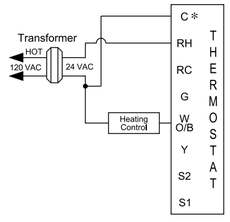
Heating Only

Hardwired 4-Wire, Single Transformer



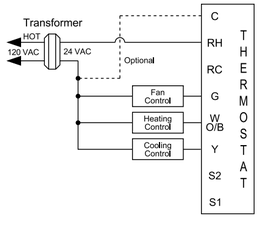
* Common wire connection optional with batteries installed.

Hardwired 3-Wire, Single Transformer

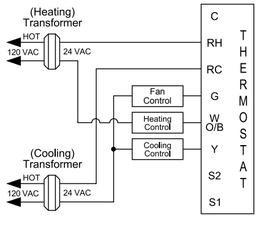


Heating/Cooling

Hardwired 4 or 5-Wire, Single Transformer



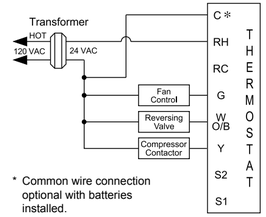
Hardwired 5-Wire, Two Transformer
(Both transformers must be in phase)



IMPORTANT: Before wiring, remove pre-installed RC/RH jumper.

Heat Pump

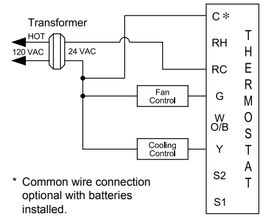
Hardwired – Cool or Heat Active Reversing Valve



* Common wire connection optional with batteries installed.

Cooling Only

Hardwired – 4-Wire, Single Transformer

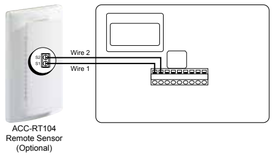


* Common wire connection optional with batteries installed.

Remote or Outdoor Sensor Installation (Optional)

1. Remove cover from remote sensor housing.
2. Select an appropriate location for mounting the remote sensor.
3. Mount remote sensor unit using hardware provided.
4. Install two strand shielded wire between remote sensor and thermostat. Shielded wire must be used. **Do not** run remote sensor wire in conduit with other wires.
   - **Wire 1** should run between the S1 terminal on the thermostat and the S1 terminal on the remote sensor
   - **Wire 2** should run between the S2 terminal on the thermostat and the S2 terminal on the remote sensor
   - Connect the shielding of the wire to the S2 terminal on the thermostat
5. Configure the thermostat to operate with the remote sensor (see Configuration Mode setting 10).

⁂ **Note:** *Remote or outdoor sensor reading can be displayed by simultaneously pressing the* ***Down*** *and* ***SYS*** *buttons.*



ACC-RT104
Remote Sensor
(Optional)

Installing and Changing Batteries

If your LCD is blank, or displaying **LO BAT**, the batteries are not installed or need to be changed. We suggest you change the batteries at least once a year, or whenever the **LO BAT** warning displays.

Remove the cover, and install the two "AAA" alkaline batteries into the battery compartment. Proper battery installation is important! Make sure the positive ends of the batteries match the positive terminals in the battery compartment.

Batteries will provide power to maintain the clock during a power loss.

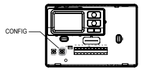
Configuration Mode

The configuration mode is used to set the **SC5010** to match your heating/cooling system. The **SC5010** functions with heat pump, air conditioning, gas, oil or electric heat systems.

To configure the **SC5010**, perform the following steps:

1. Verify the **SC5010** is in the **OFF** mode.
   Press the **SYS** (left) button until off mode displays.

2. Remove the cover of the thermostat by gently pulling near one of the corners at the top of the thermostat.
   ⁂ **Note:** *Do not force open. Use a small coin or slotted screwdriver to release tabs if necessary.*
3. Press the **CONFIG** button for 1 second while the **SC5010** is in **OFF** mode.



Press the **up** or **down** button to change settings within each screen.

Press the **right** button to advance to the next screen.

⁂ **Note:** *Pressing the* ***left*** *button will return you to the previous screen.*

To exit configuration mode, press the **CONFIG** switch for 1 second.

Configuration Mode Settings

The setup screens for Configuration Mode are as follows:

1. **Temperature Scale (F or C) –** Choose Fahrenheit or Celsius.
   Press the **up** or **down** button to select.
   Press the **right** button to advance to the next screen.

2. **Temperature Differential (1°F to 5°F) (0.5°C to 2.5°C) –** Set the number of degrees between your "setpoint" temperature and your "turn on" temperature.
   Press the **up** or **down** button to set differential value.
   Press the **right** button to advance to the next screen.

3. **Deadband (1°F - 9°F) (1°C - 5°C) –** Set the minimum number of degrees between your heat set temperature and your cool set temperature in Auto changeover mode.
   Press the **up** or **down** button to set deadband value.
   Press the **right** button to advance to the next screen.

4. **System –** Set for heat pump, non-heat pump, reversing valve operation and number of compressor in your system

Choose	System	Reversing Valve Active	Number of Compressors	Type of Heat
Heat Pump	HP	O	1	
	HP	b	1	
Non-Heat Pump	Heat			Gas
	Heat			Electric

Press the **up** or **down** button to select.
Press the **right** button to advance to the next screen.

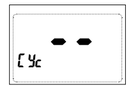
5. **Lockout (0-8°, NITE, COOL-HEAT) –** Select the number of degrees set temperature can be changed during keypad lockout or select to lockout during NITE period only. COOL-HEAT lockout allows adjustment of the set temperatures to the maximum heat set temperature selected in Step 6 and minimum cool set temperature selected in Step 7.
   ⁂ **Note:** *The mode cannot be changed when the thermostat is locked.*
   Press the **up** or **down** button to select.
   Press the **right** button to advance to the next screen.

6. **Maximum Heat Setpoint** (45°F to 90°F) (7°C to 32°C)
   Adjust to control the maximum heat set temperature allowed.
   Press the **up** or **down** button to select.
   Press the **right** button to advance to the next screen.

7. **Minimum Cool Setpoint** (45°F to 90°F) (7°C to 32°C)
   Adjust to control the minimum cool set temperature allowed.
   Press the **up** or **down** button to select.
   Press the **right** button to advance to the next screen.

8. **Room Temperature Offset** (+9°F to -9°F) (+4.5°C to -4.5°C)
   Adjust to calibrate displayed room temperature to match actual room temperature.
   ⁂ **Note:** *When not set to 0,* ⍜ *will display*
   Press the **up** or **down** button to select.
   Press the **right** button to advance to the next screen.

9. **Maximum Cycles Allowed Per Hour** (- -, 2-6)
   - - = as many as needed, 2-6 = maximum cycles/hour
   Press the **up** or **down** button to select.
   Press the **right** button to advance to the next screen.

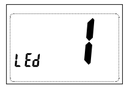


10. **Temperature Sensor** (1-4)
    1. Only on-board sensor determines room temperature.
    2. Only remote sensor determines room temperature.
    3. Average temperature of on-board and remote sensor.
    4. Only on-board sensor will be used until NITE period, and then only remote sensor is used.

    Press the **up** or **down** button to select.
    Press the **right** button to advance to the next screen.

11. **Cooling Fan Delay Off Time** (0, 30, 60, 90 seconds)
    Select the fan purge time for cooling.
    Press the **up** or **down** button to select.
    Press the **right** button to advance to the next screen.

12. **Status Indicator Light** (0 or 1)
    0 = Status indicator never on (best for long battery life)
    1 = Status indicator on with first stage
    Press the **up** or **down** button to select.
    Press the **right** button to advance to the next screen.



13. **Back Light** (0 or 1)
    0 = Back light never on (best for long battery life)
    1 = Back light on when button pressed
    Press the **up** or **down** button to select.

    Press the **CONFIG** button for 2 seconds to exit configuration.

Mode of Operation

The **SC5010** is a programmable, manual or auto changeover, single stage heat, single stage cool thermostat. It functions with air conditioning, heat pumps, gas, oil or electric heat systems.

The thermostat activates the heating appliance when the room temperature is below the set heat temperature (by the differential temperature) and the red indicator light (configurable) on the thermostat will light. The **SC5010** will stop outputting and the red light will turn off when the call for heat has been satisfied. With heat pumps, the thermostat will not let the compressor come on for 4 minutes after it turns off. This protects your compressor.

When the room temperature is greater than the set cool temperature (by the differential temperature), the cooling device is activated and the green indicator light (configurable) on the thermostat will turn on. The **SC5010** will stop outputting and the green light will turn off when the call for cooling is satisfied. The thermostat will not let the compressor come on for 4 minutes after it turns off. This protects your compressor.

The **SC5010** has five possible operating modes: **OFF**, **Heat**, **Cool**, **Heat & Cool**, and **Program** mode. In off mode, the thermostat will not turn on heating or cooling devices. The manual fan can be turned on in all operating modes using the fan button. In heat mode, the thermostat controls the heating system. In the cool mode, the thermostat controls the cooling system. In heat & cool mode, the thermostat controls both the heating and cooling systems. In program mode, the thermostat will automatically be controlled by the set program. Program mode can function with heat mode, cool mode, or heat & cool mode. The clock display alternates with the set temperature display for heat & cool mode.

The programmable fan feature can be used to run the fan during occupied periods.

The program schedule can be overridden by changing the set temperature (up or down button). This puts the **SC5010** thermostat into a 2-hour temporary hold. After 2 hours, it will automatically return to the program schedule.

The **SC5010** also has a button lockout feature. This enables the thermostat to be set to the proper mode and temperature and locked so it cannot be tampered with.

Operating Modes

There are five possible operating modes for the **SC5010**. Off, Cool, Heat, and Cool & Heat modes are accessed by pressing the **SYS** (left) button. Program mode is accessed by pressing the **SYS** (left) and **FAN** (right) buttons simultaneously.

OFF Mode

- In this mode, the thermostat will not turn on the heating or cooling devices
  ⁂ **Note:** *The indoor fan can be turned on manually in every operating mode by pressing the **FAN** (right) button. The word **FAN** shows on the display and the fan icon ✣ appears when the fan operates.*

Heat Mode

- In this mode, the thermostat controls the heating system. When the heat outputs, the flame icon ♣ apprears on the display.
  ⁂ **Note:** *For heat pumps, there is a four minute delay for your compressor to restart after it has turned off.*

Cool Mode

- In this mode, the thermostat controls the cooling system. When the cooling outputs, the snowflake icon ❄ apprears on the display.
  ⁂ **Note:** *There is a four minute delay for your compressor to restart after it has turned off.*

Cool and Heat Mode (Auto Changeover)

- In this mode, the thermostat controls the cooling and heating systems, automatically changing over from one to the other as needed.
- The timing display alternates with the set temperature every 10 seconds in the cool and heat mode.

Program Mode

- In this mode, the program function is on (PROG displays), and the thermostat will automatically be controlled by the set program schedule. Program mode can function with heat mode, cool mode, or heat & cool mode. The program schedule can be overridden by changing the set temperature (up or down button). After 2 hours, the program schedule will automatically be resumed. To manually return to the program schedule, press the PROG button twice.

Testing the Thermostat

Once the thermostat is configured, it should be thoroughly tested.

CAUTION!: *Do not energize the air conditioning system when the outdoor temperature is below 50 degrees. It can result in equipment damage or personal injury.*

Heat Test

1. Press **SYS** (left) button until heat mode is displayed.
2. Adjust the set temperature so it is 5 degrees above the room temperature.
3. Heat should come on within a few seconds. Red LED may turn on.
4. Adjust the set temperature 2 degrees below the room temperature and the heat should turn off. There may be a fan delay on your system.
   ⁂ **Note:** *For heat pumps, there is a four-minute delay to protect your compressor after it turns off. To bypass the compressor time delay, go to **OFF** mode for 5 seconds.*

Cool Test

1. Press SYS (left) button until cool mode is displayed.
2. Adjust set temperature so it is 5 degrees below room temperature.
3. A/C should come on within a few seconds. Green LED may turn ON.
4. Adjust the set temperature 2 degrees above the room temperature and the A/C should turn off. There may be a fan delay on your system.
   ⁂ **Note:** *There is a four-minute time delay to protect the compressor after it turns off. To bypass the compressor time delay, go to **OFF** mode for 5 seconds*

Fan Test

1. Press **FAN** (right) button. Fan displays. Indoor fan turns ON.
2. Press **FAN** (right) button. Indoor fan turns OFF.

Setting the Time and Day of the Week

The time and day of the week must be set for your program schedule to operate correctly.

1. Press the **SYS** (left) button until you are in the OFF mode.
2. Press and hold the **PROG** button (**SYS** (left) and **FAN** (right) buttons pressed simultaneously) in for 6 seconds.
3. Time displays (hour flashing).
   Press the **up** or **down** button to adjust the hour.

4. Press the **FAN** (right) button once to select minutes (minutes flashing).
   Press the **up** or **down** button to adjust the minutes.

5. Press the **FAN** (right) button once to select day of the week (TODAY flashing).
   Press the **up** or **down** button to select current day of the week.
   ⁂ **Note:** *At any time, press the **SYS** (left) button to return to the previous screen or press the **FAN** (right) button to advance to the next screen.*

Press the **PROG** button in for 2 seconds to lock values into memory and return to the OFF mode or press the **FAN** (right) button once to enter programming.

Programming

Program Overview

The **SC5010** programmable thermostat has four periods (MORN, DAY, EVE, NITE) that are customizable for each day of the week. Each period will have a start time, heat temperature, cool temperature and programmable fan option. The **SC5010** monitors the day and time, while maintaining the specific conditions you have chosen for each period in your program.

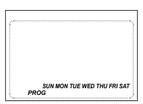
Setting the program schedule:

1. Press the **SYS** (left) button until you are in **OFF** mode.
2. Press and hold the **PROG** button (**SYS** and **FAN** buttons pressed simultaneously) for 6 seconds.
3. Press the **FAN** (right) button 3 times.
4. SUN thru SAT are blinking.

From this screen you have 2 options:

1. Press the **FAN** (right) button to begin programming all 7 days at one time, or
2. Press the up button to see the other programming options.
   ⁂ **Note:** *The days of the week shown on the display will be programmed simultaneously.*
   The screens are listed below.

Screen 1	SUN	MON	TUE	WED	THU	FRI	SAT
Screen 2		MON	TUE	WED	THU	FRI	
Screen 3		MON					
Screen 4			TUE				
Screen 5				WED			
Screen 6					THU		
Screen 7						FRI	
Screen 8	SUN						SAT
Screen 9							SAT
Screen 10	SUN						



From any of the previous screens, you can press the **FAN** (right) button to begin entering your program schedule. The days shown on the display will all be programmed simultaneously.

Once the **FAN** (right) button is pressed, **MORN** blinks.

Use the **up** or **down** button to select a different period (**MORN**, **DAY**, **EVE**, **NITE**).

Press **FAN** (right) button to advance to the next screen. Transition time **hour** blinks.

Use the **up** or **down** button to select a different hour.

Press **FAN** (right) button to advance to the next screen. Transition time **minutes** blink.

Use the **up** or **down** button to select different minutes.

Press **FAN** (right) button to advance to the next screen. **Heat set temperature** displays.

Use the **up** or **down** button to adjust the heat set temperature.

Press **FAN** (right) button to advance to the next screen. **Cool set temperature** displays.

Use the **up** or **down** button to adjust the cool set temperature.

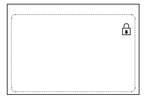
Press **FAN** (right) button to advance to the next screen. **Programmable fan** screen displays.
Choose: **OFF** – Programmable fan disabled.
ON – Indoor fan on continuously during the period.

Repeat above steps to program the four periods per day.

When the program schedule is complete, press and hold the **PROG** button (**SYS** and **FAN** buttons pressed simultaneously) in for 2 seconds to return to the **OFF** mode.

Lockout Feature

The **SC5010** has a button lockout feature so the mode cannot be changed and the temperature adjustment is limited. Select the appropriate lockout from Configuration Mode Settings (Step 5) of this guide.



To activate the LOCK feature:

1. Simultaneously press the **SYS**, **FAN** and **UP** buttons for 10 seconds.
2. 🔒 will display and the lockout function will be enabled.

To deactivate the LOCK feature, repeat steps 1 and 2 above.

Factory Preprogramming

The **SC5010** comes preprogrammed with the following schedule:

MONDAY *thru* SUNDAY	MORN	6:00 AM	DAY	8:00 AM	EVE	6:00 PM	NITE	10:00 PM
	HEAT	70°F	HEAT	62°F	HEAT	70°F	HEAT	62°F
	COOL	78°F	COOL	85°F	COOL	78°F	COOL	82°F
	FAN	Off	FAN	Off	FAN	Off	FAN	Off

Personal Program Schedule

Use the following personal program schedule to record your settings:

MONDAY *1*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	
TUESDAY *2*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	
WEDNESDAY *3*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	
THURSDAY *4*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	
FRIDAY *5*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	
SATURDAY *6*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	
SUNDAY *7*	MORN		DAY		EVE		NITE	
	HEAT		HEAT		HEAT		HEAT	
	COOL		COOL		COOL		COOL	
	FAN		FAN		FAN		FAN	

SimpleSet™ Field Programming

Requires SimpleSet™ Transfer Cable (ACC-WIH21)

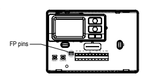
This feature is used for transferring configuration and program schedule from the master to the target thermostat. All thermostats for a job can be mounted and powered up. Configure and program one thermostat. This will be the master. The master will be used to copy the program to the rest of the thermostats.

Preparing the master to Send:

1. The master must be powered with 24 VAC.
2. Verify the master thermostat is in **OFF** mode.
3. Press **SYS** (left) button until **OFF** mode displays.
4. Remove cover of the master thermostat by gently pulling near one of the corners at the top of the thermostat.
   ⁂ **Note:** *Do not force open. Use a small coin or slotted screwdriver to release tabs if necessary.*

5. Press the **up** and **down** buttons and **CONFIG** switch simultaneously for 5 seconds.
6. The **OUT** screen displays indicating the master thermostat is ready to transfer data.
   ⁂ **Note:** *Press the **up** and **down** buttons and **CONFIG** switch simultaneously for 5 seconds to exit from data transfer mode and to return the master to the **OFF** mode.*

7. Turn off power to the master and remove it from the wall.
8. Connect the master to the target using the 3 wire connector. Attach one end to the Master's FP pins and the other end to the Target's FP pins.
   ⁂ **Note:** *Target thermostat must be powered with 24 VAC for field programming to occur*



When the connection has been made correctly, the master thermostat will power up and the target will count from 5 down to 1. It will then display the **LOCK** confirming the data has been saved in memory.

When all target thermostats have been completed, reinstall the master thermostat.

Press the **up** and **down** buttons and the **CONFIG** switch simultaneously for 5 seconds to exit from the data transfer mode and to return the master thermostat to the **OFF** mode.

Troubleshooting

Symptom	Remedy
No display	Check for 24 VAC at thermostat; display is blank when 24 VAC is not present or if batteries are completely discharged. Time and day of week must be reset after extended power loss.
System fan does not come on properly	Verify wiring is correct, check Gas/Electric Configuration (see Setting 4).
No response with first button press	First button press activates backlight only (when back light is configured "ON").
Program schedule activates at the wrong time	Check time (AM/PM) set on thermostat (see Setting the Time).
Thermostat turns on and off too frequently	Adjust temperature differential (see Configuration Mode Setting 2).
Thermostat does not follow program	Verify it is operating in program mode (PROG displays); check time (AM/PM); may be in 2 hour program override.
Fan runs continuously	Press FAN (right) button to turn fan off.
Fan turns on occasionally	Program Mode: Check programmable fan setting in program mode schedule.
Status indicator light not on during call	Turn status indicator function on (see Configuration Mode Setting 12).
Room temperature is not correct	Calibrate thermostat (see Configuration Mode Setting 8). If remote sensor is used, check S1 & S2 terminal connections. Press **SYS** and **down** buttons to display outdoor temperature.
🔒 displays when any button is pressed	Thermostat has the button lockout function activated (see Lockout Feature, and Configuration Mode Setting 5).
Er Sen on display instead of room temp.	Check for a bad connection at S1 & S2 terminals, if used (see Configuration Mode Setting 10).
Heat or Cool not coming on	Verify wiring is correct, verify RC/RH jumper is in place (for single transformer system).
Remote or outdoor sensor not accurate	Press **SYS** and **down** buttons simultaneously to display remote or outdoor temperature. Verify connections at S1 and S2 terminals.
LO BAT on display	Replace batteries with two fresh "AAA" batteries. **LO BAT** may display if no batteries are installed and there is a loss of power.
Problem not listed above	Press Reset button once*.

* **Reset Button Function**: *Time and day are reset, configuration and program settings are unchanged.*

FIVE-YEAR LIMITED WARRANTY

The Seller warrants its products against defects in material or workmanship for a period of five (5) years from the date of manufacture. The liability of the Seller is limited, at its option, to repair, replace or issue a non-case credit for the purchase prices of the goods which are provided to be defective. The warranty and remedies set forth herein do not apply to any goods or parts thereof which have been subjected to misuse including any use or application in violation of the Seller's instructions, neglect, tampering, improper storage, incorrect installation or servicing not performed by the Seller. In order to permit the Seller to properly administer the warranty, the Buyer shall: 1) Notify the Seller promptly of any claim, submitting date code information or any other pertinent data as requested by the Seller. 2) Permit the Seller to inspect and test the product claimed to be defective. Items claimed to be defective and are determined by Seller to be non-defective are subject to a $30.00 per hour inspection fee. This warranty constitutes the Seller's sole liability hereunder and is in lieu of any other warranty expressed, implied or statutory. Unless otherwise stated in writing, Seller makes no warranty that the goods depicted or described herein are fit for any particular purpose.

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