

RS8110

Operation Manual

RS8110

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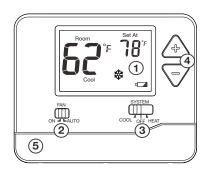


Caution

Do not switch system to cool if the temperature is below 50°F (10°C). This can damage the air conditioning system and cause personal injury.

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THERMOSTAT OPERATION



- 1 LCD Display
- 2 Fan Switch
- 3 System Switch
- 4 Temperature Set-Point Buttons
- 5 Easy change battery door

1 LCD Screen

See page 6 for detailed information.

2 Fan Switch

Select **ON** or **AUTO**. **ON** will run the fan continuously. **AUTO** will turn the fan on only in a call for heating or cooling.

3 System Switch

Select **HEAT** or **COOL** for your HVAC system. Selecting **HEAT** turns on the heat mode. Selecting **COOL** turns on the cool mode. Selecting **OFF** turns both heating and cooling off.

4 Temperature Set-Point Buttons

Press the \triangle or ∇ to select the desired temperature.

5 Easy change battery door

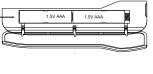
See page 4 for details.

THERMOSTAT QUICK REFERENCE

Battery Door Information



Install two AAA
Alkaline batteries
into battery
compartment.
Be sure to match
positive (+) ends
of batteries
with positive (+)
battery terminals
in the battery
compartment.



THERMOSTAT QUICK REFERENCE



Caution:

When the low battery icon appears replace your 2x AAA batteries immediately. Failure to do so may result in your heating and cooling system becoming inoperable. Freezing or overheating can occur.

THERMOSTAT QUICK REFERENCE

Room Temperature: Indicates the current

room temperature.

Set-Point Temperature:

Displays the user selected set-point temperature.



System Operation Indicators:

The , , or , icon will display when the COOL, HEAT or , FAN is on.

NOTE: If these icons are flashing, there is a 5-minute delay for compressor protection.

Low Battery Indicator:

Replace batteries when indicator is shown.

ADJUSTING THE TEMPERATURE DIFFERENTIAL

COOLING DIFFERENTIAL OR SWING.

The cooling differential is factory preset at 0.5°. This means that whenever the room temperature heats by 0.5° from the temperature setting, the cooling system will turn on. If the cooling system turns on too often, increase the temperature differential. To access the COOL SWING setting and adjust the cooling differential, select COOL and hold down \triangle and \triangledown together for 3 seconds. Use \triangle and \triangledown to adjust the cooling differential from between 0.2°F and 2°F. Wait approximately 15 seconds or toggle the system switch to return to normal operation.

HEATING DIFFERENTIAL OR SWING.

The heating differential is factory preset at 0.4°. This means that whenever the room temperature cools by 0.4° from the temperature setting, the heating system will turn on. If the heating system turns on too often, increase the temperature differential. To access the HEAT SWING setting and adjust the heating differential, select **HEAT** and hold down \triangle and ∇ together for 3 seconds. Use \triangle and ∇ to adjust the heating differential from between 0.2°F and 2°F. Wait approximately 15 seconds or toggle the system switch to return to normal operation.

CALIBRATION SETTING

To access the CALIBRATION setting and adjust the temperature, select **OFF** and hold down \triangle and ∇ together for 3 seconds. Use \triangle and ∇ to adjust the temperature from between -4°F and +4°F.

Press \triangledown to select F (Fahrenheit) or C (Celsius), and press \triangle to select the temperature scale.

Then press \triangledown to access the compressor short cycle DELAY setting. If the compressor short cycle delay setting is **ON**, the compressor cannot be turned on for at least 3 minutes after it was last turned off. Use \triangle and \triangledown to adjust the compressor short cycle delay setting to **ON** or **OFF**. Wait approximately 15 seconds or toggle the system switch to return to normal operation.

TERMINAL DESIGNATIONS

	24 VAC (system power supply) HEAT 24 VAC (system power supply) COOL
C	Common 24 VAC (system power supply)
W	HEAT
Y	COOL
G	FAN
В	REV VALVE HEAT
O	REV VALVE COOL



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