

# Operation Manual



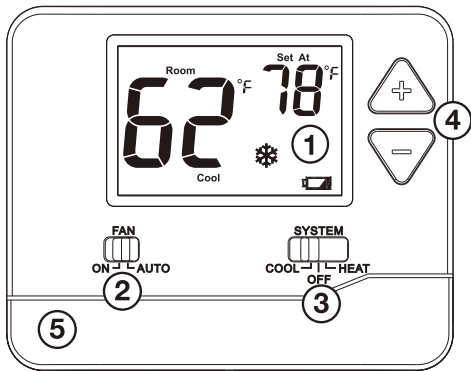
**Table of Contents****Page**

Table of Contents	1
Thermostat Operation	2-3
Thermostat Quick Reference	4-6
Adjusting the Temperature Swing	7
Installation Setting	8
Terminal Designations	9

**Caution**

Equipment damage hazard. Do not operate the cooling system if the outdoor temperature is below 50 °F (10 °C) to prevent possible compressor damage.

## Thermostat Operation



**1** LCD Display

**2** Fan Switch

**3** System Switch

**4** Temperature Setpoint Buttons

**5** Easy change battery door

- 1 LCD Display**

See page 6 for details about this display read out.
- 2 Fan Switch**

Select **ON** or **AUTO**. **ON** will run the fan continuously. **AUTO** will cycle the fan only when the heating or cooling system is on.
- 3 System Switch**

Selects the operation mode on 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 Setpoint Buttons**

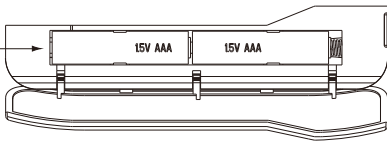
Press the + or - buttons to select the desired room temperature.
- 5 Easy Change Battery Door**

See page 4 for details.

# Thermostat Quick Reference

## Battery Door Information

Replace with 2x AAA Alkaline Batteries. High quality Alkaline batteries are recommended.



Use the finger bevel on the lower portion of the thermostat to open the easy access battery door.



### Caution:

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



### **Important:**

The low battery indicator is displayed when the 2x AAA battery power is low.

Restore factory Settings: press and hold the "-" key , install the battery, release the button when the display is normal.

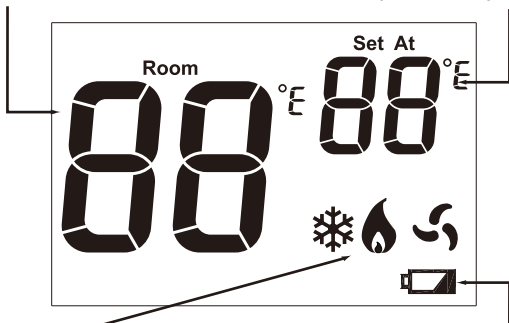
# Thermostat Quick Reference

## Room Temperature:

Indicates the current room temperature.

## Setpoint Temperature:

Displays the selected setpoint temperature.



## System Operation Indicators:

The  ,   
or  icon will display  
when the COOL, HEAT  
or  (fan) is on.

**NOTE:** The compressor delay feature is active if these icons are flashing. The compressor will not turn on until the 3 minute delay has elapsed.

## Low Battery Indicator:

Replace batteries when indicator is shown.



## Adjusting the Temperature Swing

### ●HEAT SWING

Select HEAT with the system switch, hold down the + and - buttons together for 3 seconds to access the HEAT SWING setting. Use the + or - key to adjust the swing from  $\pm 0.2^{\circ}\text{F}$  to  $\pm 2^{\circ}\text{F}$ . Wait approximately 10 seconds or slide the system switch to return to normal operation .

### ●COOL SWING

Select COOL with the system switch, hold down the + and - buttons together for 3 seconds to access the COOL SWING setting. Use the + or - key to adjust the swing from  $\pm 0.2^{\circ}\text{F}$  to  $\pm 2^{\circ}\text{F}$ . Wait approximately 10 seconds or slide the system switch to return to normal operation.

## Installation Setting

Select OFF with the system switch, hold down the + and - buttons together for 3 seconds to access the CALIBRATION setting. Use the + to adjust the temperature from  $-4^{\circ}\text{F}$  to  $+4^{\circ}\text{F}$ .

Then press - to access the F(Fahrenheit) or C(Celsius) setting, use + to select.

Press - again to access the DELAY selection, the compressor delay will not allow the compressor to be turned on for 3 minutes after the last time the compressor was on. Use the + to select ON or OFF (ON: the Y terminals will turn off for at least 3 minutes). Wait approximately 15 seconds or slide the system switch to return to normal operation.

## Terminal Designations

RH----- 24VAC(system power supply) HEAT=RH TO W

RC----- COOL= RC to Y FAN=RC TO G

C----- Common 24VAC (system power supply)

W----- HEAT

Y----- COOL

G----- FAN

B----- REV VALVE HEAT

O----- REV VALVE COOL

# Operation Manual