

# Thermostat Setup Menu

The Thermostat must be suitable for use with the most common system Types. Following is a list of customizable settings to allow for installer set up as well as user selectable features.

Upon initial power up, or after being reset to factory defaults, the initial thermostat options (language, location, and system type) must be set to define the heating/cooling system. Other options can be customized later. Follow prompts on the screen to select appropriate options.

## **Option Titles. Settings and Options.**

### Language

Select; **English** or **Español**

### Location

Enter a custom name using the keypad (Default name is **“Thermostat”**).

### System Type

Select; **Forced Air, Heat Pump or Dual Fuel** (Default is Heat Pump).

Select; Cooling Changeover Valve. **Yes/No** (Default is Yes). (Only shows if Heat pump or dual fuel was selected in system type).

Note; Select whether the system uses a cooling changeover valve or heating changeover valve. (This is the “O/B” terminal. The Terminal would be energized in cooling if Yes is selected).

Note; If Dual Fuel was selected as system type, an outdoor air temperature must be selected for the “balance point” to change over to gas heat. (See attached for further explanation and sequence of operation).

### Fan

Thermostat Controls Fan, **Yes/No** (Default is Yes).

Note; If you selected No, the “G” terminal will *NOT* be energized when heating is active. Thermostat *WILL* energize “G” for all other modes.

## Date and Time

Enter the **Date** and **Time**.

Note; If Wi-Fi is enabled, time is set from internet clock.

## Dehumidify

Allow system to dehumidify using electric heat? **Yes/No** (Default is No). Not available for dual fuel system type.

Standalone Dehumidifier Installed? **Yes/No** (Default is No).

Note 1: If *Yes* is selected for “Allow system to dehumidify with electric heat”, the “W/W2” electric heat contacts are energized while in the cooling mode during a call for dehumidification.

Note 2: If *Yes* is selected for “Standalone Dehumidifier Installed, only the “Aux 1” Dehum terminals during a call for dehumidification.

## Humidify

Optional Humidifier Installed? **Yes/No**. (Default is No).

Note: If *Yes* is selected, the “Aux 2” Hum terminals will be energized during a call for humidification.

Allow Humidification in Cooling Mode, **Yes/No** (Default is No).

Note: If *No* is selected, the “Aux 2” Hum terminals are inactive in the cooling mode.

## Wi-Fi Setup

Enable Wi-Fi? **Yes/No**. (Default is No).

Note 1: If *Yes* is selected, select your Wi-Fi network from the “*Available Networks*” list. Then Enter your network password. (There will be a MAC# and Thermostat ID# displayed for the online setup/remote access).

Note 2: For remote access, the user must register at “\_\_\_\_\_ .com”

*The following settings are accessed under Advanced Setup options.*

## Advanced Setup Options.

### Number of Heat Pump Compressor Heating Stages

Select; Number of compressor heating stages. **1** or **2** (Default is 1).

Note: If **1** is selected. The “Y/Y2” contacts are energized during a call for heating. If **2** is selected. The “Y1” contacts are energized in 1<sup>st</sup> Stage and the “Y/Y2” contacts are energized in the 2<sup>nd</sup> Stage.

### Number of Compressor Cooling Stages

Select; Number of compressor cooling stages. **1** or **2** (Default is 1).

Note: If **1** is selected. The “Y/Y2” contacts are energized during a call for cooling. If **2** is selected. The “Y1” contacts are energized in 1<sup>st</sup> Stage and the “Y/Y2” contacts are energized in the 2<sup>nd</sup> Stage.

### Fahrenheit or Celsius

Select; **Fahrenheit** or **Celsius**. (Default is Fahrenheit).

### Daylight Savings Time

Enable Daylight Savings Time? **Yes/No**. (Default is No).

### Clock Format

Select; **12 Hour** or **24 Hour** (Default is 12 Hour).

### Indoor Display Calibration

Use the incrementors to select the number of degrees to offset **Indoor Temperature**, **Indoor Humidity Percentage**, **Outdoor temperature**, **CO** and **CO2** for proper calibration.

## Temperature Limits

Select the Maximum and Minimum Temperature and Humidity Set Points.

Note; Default settings for Temperature are **45deg F** minimum and **90deg F** maximum.  
Humidity is **35%** minimum and **75%** maximum.

## Backlight Display level

Select; Backlight Display level **1-10** (Default is 7).

## Dealer Information Set Up

Enter dealer information with Key pad

Dealer Name

Dealer Phone Number

Dealer service email

Send alerts to dealer email? Yes/No

## Alarm Event History

(Show alarm events)

Clear Alarm Events? **Yes/No**

Send alerts to owner email? **Yes/No** (Note; If Yes is selected enter email or SMS text information.)

## Minimum Off Cycle Time

Select number of minutes to delay after compressor cycles off before it can be energized again. **1-5** minutes (Default is 2 min)

## Cruise Control

Allow Cruise Control setting, **Yes/No** (Default is Yes).

Note; This allows the system to automatically switch from heating to cooling as well as all humidity functions and CO/CO2.

## These Alarm Events are to be enabled and the value set by user

High Temp Alert

Low Temp Alert

High Humidity Alert

Low Humidity Alert

UV Lamp replacement reminder

System Maintenance reminder

High CO Alert

Air Filter Change reminder

Humidifier Pad reminder

Low Battery

## Reset Factory Defaults

Reset Factory Default Settings? **Yes** or **No**