



## System Initialization

Use the system initialization mode to restore the Factory Defaults.  
 System initialization is performed with the thermostat turned “off”.  
 Press and hold the “mode” & “+” buttons until the display shows”- -“.  
 Press the “mode” button once to exit the system initialization mode.

## Single Zone Diagnostic Mode



Diagnostics shall be initiated with the thermostat turned “OFF”. To enter the diagnostic mode, simultaneously press the “Mode”, “+” and “-” buttons. When the system is in the diagnostic mode, the display shows the diagnostic commands, starting with “00”. Diagnostic commands are then selected by pressing the “+” or “-” buttons. To exit the diagnostic mode and return to the “OFF” position, press the Mode button. Diagnostic command information is provided in the table below. **NOTE: 120 second compressor delay is disabled while in the diagnostic mode!**

Diagnostic Command	Description	Comment
00	All outputs OFF	
01	Low Speed Fan ON	RED & WHITE
02	High Speed Fan ON	BLACK & WHITE
03	Compressor ON	BLUE & WHITE
04	Furnace Output ON	CONTINUITY
05	Reversing Valve ON ( Heat Pump Version only )	
06	Heat Strip ON ( Heat Strip Version only)	
07	LCD shows Room Temperature	Or E2 if out of range / Or E3 if thermistor is shorted.
08	LCD shows inside Coil Temperature	Or E5 if missing/open
09	LCD shows Outdoor Temperature ( Heat Pump Version only)	Or E4 if missing/open

<b>E1</b>	<b>Loss of communication “Causes Relay Control Module to shut down”</b>	<b>“No operation of any systems”</b>
<b>E2</b>	<b>Indoor room Air Sensor Open/Out of range. “No Heat or Cool operations”</b>	<b>“Fan only mode still operates”</b>
<b>E3</b>	<b>Indoor room Air Sensor is shorted. “No Heat or Cool operations”</b>	<b>“Fan only mode still operates”</b>
<b>E4</b>	<b>Outdoor Temperature Sensor is Open/Out of range. (Heat pump version only) “No Heat Pump operation”</b>	<b>“Air Conditioner, Furnace &amp; fan modes will still operate”</b>
<b>E5</b>	<b>Freeze Sensor Open/Out of Range “No Cool operation”</b>	<b>“Furnace, Heat Strip, Heat Pump &amp; Fan modes will still operate”</b>

