

Code (No. of flashes)	Diagnosis Light	Reason	Possible Cause
0	None	Standby	
1	Cool call in place and compressor running	OK -- compressor running	
2	Low Refrigerant Coil Temperature (TR)	Refrigerant coil is approaching freezing cold temperature (40F). Disable compressor to prevent build up of ice on the coil. TR sensor is screwed into evaporator coil frame.	<ul style="list-style-type: none"> <li>- Restricted Air flow thru unit</li> <li>- Dirty Air Filter</li> <li>- Problem with Fan Motor (check start capacitor if applicable)</li> <li>- Cold Air entering unit (&lt;60F)</li> </ul>
3	"Water Out" temperature (TW)	The leaving water is either too hot or too cold for proper compressor operation. TW sensor is strapped on the "water out" pipe.	<ul style="list-style-type: none"> <li>- Supply water to unit is either below 60F, or above 125F. Check fluid temperature.</li> <li>- Inadequate fluid flow thru unit causing leaving water temperature to be &gt; 140F when compressor running. Ensure all water valves open. Back flush unit. Verify proper flow (15F delta T).</li> </ul>
4	Low Discharge Air Temperature (TA)	The discharge air temperature falls below 45F. Disable compressor to prevent blowing uncomfortably cold air, and to prevent more serious low pressure lockout alarm. TA sensors are screwed into the supply fan housing.	<ul style="list-style-type: none"> <li>- Restricted Air flow thru unit</li> <li>- Dirty Air Filter</li> <li>- Problem with Fan Motor (check start capacitor if applicable)</li> <li>- Cold Air entering unit (&lt;60F)</li> </ul>
5	Low Refrigerant Pressure	Low suction pressure causes low pressure Switch to open. Low Pressure Switch: Opens at 25 +/- 3 psi (R22) Closes at 50 +/-5 psi Opens at 60 +/- 3 psi (R410A) Closes at 90 +/--3 psi	<ul style="list-style-type: none"> <li>- Restricted Air flow thru unit</li> <li>- Dirty Air Filter</li> <li>- Problem with Fan Motor (check start capacitor if applicable)</li> <li>- Low Refrigerant Charge (sight glass very bubbly)</li> </ul>
6	High Refrigerant Pressure	High head pressure causes high pressure switch to open. High Pressure Switch: Opens at 375 +/- 10 psi (R22) Closes at 275 +/- 10 psi Opens at 600 +/- 10 psi (R410A) Closes at 450 +/- 10 psi	<ul style="list-style-type: none"> <li>- Supply water to unit is above 125F. Check fluid temperature.</li> <li>- Inadequate fluid flow thru unit. Ensure all water valves open. Back flush unit. Verify proper flow (15F delta T).</li> <li>- "Water In" and "Water out" pipe connections maybe reversed</li> <li>- Unit overcharged with refrigerant (flooding condenser)</li> </ul>
7	Condensate Overflow	Water level in drain pan too high.	<ul style="list-style-type: none"> <li>- Block in drain line.</li> <li>- Pinched Condensate hose.</li> <li>- Dirty Air Filter.</li> <li>- Insufficient slope in drain line (minimum 5% slope).</li> <li>- Insufficient "U" trap.</li> <li>- Condensate line double trapped.</li> </ul>