LED Troubleshooting Information

<table>
<thead>
<tr>
<th>Status LED</th>
<th>Status LED Description</th>
<th>Status LED Troubleshooting Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green &quot;POWER&quot;</td>
<td>Module has power</td>
<td>Supply voltage is present at module terminals</td>
</tr>
</tbody>
</table>
| Red "TRIP" | Thermostat demand signal Y is present, but the compressor is not running | 1. Compressor protector is open
2. Check for high head pressure
3. Check compressor supply voltage
4. Outdoor unit power disconnect is open
5. Compressor circuit breaker is open
6. Broken wire or connector is open
7. Compressor contactor has failed open |
| Yellow "ALERT" Flash Code 1 | Short Cycling Compressor is running only briefly | 1. Thermostat demand signal is intermittent
2. Time delay relay or control board defective
3. If high pressure switch present go to Flash Code 2 information |
| Yellow "ALERT" Flash Code 4 | Locked Rotor | 1. Run capacitor has failed
2. Low line voltage (contact utility if voltage at disconnect is low)
3. Check wiring connections
4. Excessive liquid refrigerant in compressor
5. Compressor windings are damaged |
| Yellow "ALERT" Flash Code 5 | Open Circuit | 1. Outdoor unit power disconnect is open
2. Compressor circuit breaker or fuse(s) is open
3. Compressor contactor has failed open
4. Check compressor contactor wiring and connectors
5. Check for compressor contactor failure (burned, pitted or open)
6. Check wiring and connectors between supply and compressor
7. Check for low line voltage at compressor contactor coil
8. High pressure switch is open and requires manual reset
9. Open circuit in compressor supply wiring or connections
10. Unusual low compressor protector reset time due to extreme ambient temperature
11. Compressor windings are damaged
12. Check compressor motor wiring resistance |
| Yellow "ALERT" Flash Code 6 | Open Start Circuit Current only in run circuit | 1. Run capacitor has failed
2. Compressor start switch is not closing
3. Open circuit in compressor start wiring or connections
4. Check wiring and connectors between supply and the compressor "S" terminal
5. Compressor start winding is damaged
6. Check compressor motor wiring resistance |
| Yellow "ALERT" Flash Code 7 | Open Run Circuit Current only in start circuit | 1. Open circuit in compressor run wiring or connections
2. Check wiring and connectors between supply and the compressor "R" terminal
3. Compressor run winding is damaged
4. Check compressor motor wiring resistance |
| Yellow "ALERT" Flash Code 8 | Welded Contactor Compressor always runs | 1. Compressor contactor has failed closed
2. Thermostat demand signal not connected to module
3. Check wiring connections
4. Check for high head pressure
5. Check compressor supply voltage |
| Yellow "ALERT" Flash Code 9 | Low Voltage Control circuit + 17VAC | 1. Low line voltage (contact utility if voltage at disconnect is low)
2. Check wiring connections |

Flash Code number corresponds to a number of LED flashes, followed by a pause and then repeated. TRIP and ALERT LEDs flashing at same time means control circuit voltage is too low for operation.