

## POWER TROUBLESHOOTING INDEX

1. No Power
2. Water is not being Heated or Chilled
3. Compressor Runs but does Not Chill
4. Compressor is Not Running

### 1. No Power

Possible Reason	Solution
No power supplied	Verify the building electrical supply to the <b>WL290 Water Treatment System</b> unit is on.  Verify the power cord is plugged in.  Verify the power indicator light is on.  Test the fuse.  Start normal electrical fault-finding procedures using the electrical diagram located in this manual

### 2. Water is Not being Heated or Chilled



Possible Reason	Solution
Red Heater and Compressor Switch on unit is off.	Turn Red Heater and Compressor Switch on. <i>I = ON</i>



### 3. Compressor Runs but Does Not Chill

Possible Reason	Solution
Condenser is dirty	Clean the condensing coil of any obstructions or dust.
Reduction of airflow into unit.	Make sure unit is not under minimum ventilation requirements (2 to 4 inches).
Compressor is running very hot.	Low or lost refrigerant. Refrigerant recharge required.

### 4. Compressor is Not Running

Possible Reason	Solution	
Red Heater and Compressor Power Switch button on unit is in the off position	Turn Red Heater and Compressor Power Switch on. <i>I = ON</i>	
Compressor Starting Circuit	<p>Turn Red Heater and Compressor Power Switch off. <i>O = OFF</i>.</p> <p>Remove the compressor cap on side of the compressor;</p> <p>Disconnect the black and red terminal connectors;</p> <p>Inspect the compressor starter and overload relay for any defects.</p> <p>Replace component(s) as needed.</p> <p>Turn Red Heater and Compressor Power Switch on <i>I = O</i> and retest compressor operation.</p>	
Check the Cold-Water Thermistor	Check continuity of thermistor with multimeter. Replace Thermistor as needed.	