

## POWER TROUBLESHOOTING INDEX

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### **1. Red Heater and Compressor Power Switch won't light and the Red LED on the Front won't light**

Possible Reason	Solution
Circuit Breaker	Check the Circuit Breaker
Fuse is Blown	Replace Fuse
Defective / Loose Power Cord	Check that power cord is properly plugged in. If it is properly plugged in, use a different power cord to verify.
Failed Power Line Noise Filter, Electro Magnetic Interference filter (EMI)	Replace Power Line Noise Filter, Electro Magnetic Interference filter (EMI)
Defective Red Heater / Compressor Switch	Replace Red Heater / Compressor Switch



### **2. Red Power Switch is lit but There is No Hot or Cold Water**

Possible Reason	Solution
Bad Transformer	Replace Transformer
Black Power Connector to the PCB is not properly connected	Properly connect.
Bad Front PCB	Replace Front PCB – P/N EN-0135-L00-00
Defective Red Power Switch	Replace Red Power Switch

### 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 Switch button on unit is in the off position	Turn Green Heater and Compressor Switch on. <i>I = ON</i>	
Compressor Starting Circuit	Turn Green Heater and Compressor Switch off. <i>O = OFF</i> .  Remove the compressor cap on side of the compressor;  Disconnect the black and red terminal connectors;  Inspect the starter and overload relay for any defects.  Replace component(s) as needed.  Turn Green Heater and Compressor Switch on <i>I = ON</i> and retest compressor operation.	

### 5. Red Power Switch is lit, but Green Power LED is not lit

Possible Reason	Solution
Machine is in Sleep Mode	Press any Dispense Button to wake the machine. Power LED should become lit and Hot Tank will begin heating again.