

## 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 Socket - Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	Replace Socket - Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)
Defective Red Heater & Compressor Switch	Replace Red Heater & Compressor Switch


## 2. Red Heater & Compressor Power Switch is lit but the Red LED on the Front is not lit

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
Defective Red Heater & Compressor Switch	Replace Red Heater & Compressor 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.  Counter Top should be 40 grams (1.41 ounces) Tower should be 65 grams (2.29 ounces)  Refrigerant recharge as necessary.

#### 4. Compressor is Not Running

Possible Reason	Solution
Red Heater & Compressor Switch button on unit is in the off position	Turn Red Heater & Compressor Switch on. <i>I = ON</i> 
Compressor Starting Circuit	Turn Red Heater & 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 Red Heater & Compressor Switch on <i>I = ON</i> and retest compressor operation. 