

POWER TROUBLESHOOTING INDEX

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1. Red Power Switch, Green Heater and Compressor Switch and the LEDs 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 Socket with, ElectroMagnetic Interference Filter (EMI)	Replace Power Socket with, ElectroMagnetic Interference Filter (EMI)
Defective Red Power Switch	Replace Red Power Switch
Defective Green Heater and Compressor Switch	Replace Green Heater and Compressor Switch


2. Red Power Switch, Green Heater and Compressor Switch are 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 Power Switch	Replace Red Power Switch
Defective Green Heater and Compressor Switch	Replace Green Heater and 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. Refrigerant recharge required.

4. Compressor is Not Running

Possible Reason	Solution
<p>Green Heater and Compressor Switch button on unit is in the off position</p>	<p>Turn Green Heater and Compressor Switch on. <i>I = ON</i></p> 
<p>Compressor Starting Circuit</p>	<p>Turn Green Heater and Compressor 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 starter and overload relay for any defects.</p> <p>Replace components(s) as needed.</p> <p>Turn Green Heater and Compressor Switch on. <i>I = ON and</i> retest compressor operation.</p> 