

POWER TROUBLESHOOTING INDEX

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1. No Power to Unit, LED Panel does not Illuminate

Possible Cause	Solution
Circuit Breaker tripped	Check the circuit breaker, reset any tripped breaker.
Blown Fuse	Check Fuse in Unit. Replace if necessary. Fuse is located just below the power cable connection external of the machine.
Loose Power Cord	Check that the power cord is properly plugged in.
PCB Failure	Check the PCB for Power incoming and outgoing.

2. Compressor Runs but does not Chill

Possible Cause	Solution
Condenser is dirty	Clean the condensing coil of any obstructions or dust.
Reduction of airflow across condenser coils	Make sure unit is not under minimum ventilation requirements.
Compressor very hot to the touch	Low or lost refrigerant. Refrigerant recharge required.
Condenser Fan Failure	Ensure the Condenser Fan is working properly.

3. Compressor is not Running

Possible Cause	Solution
Compressor Starting Circuit	Remove cap on side of compress, inspect for damage or defects.

4. Unit has Power, but Water is not Chilled and Heated

Possible Cause	Solution
Transformer Failure	Replace Transformer
PCB Power Cable Connected Improperly	Check connection of power line to the PCB
PCB Failure	Replace PCB

5. Unit has Power, Front Panel Does Not Illuminate or only partially Illuminates

Possible Cause	Solution
LED Failure	LED boards may have failed, inspect and replace as needed.
LED Panel Connection	Ensure the connections from the Front Panel LED boards to the main PCB are made properly and secure.