

POWER TROUBLESHOOTING INDEX

1. Red Power Switch is lit but the red LED on the Front is not lit
2. Compressor Runs but does Not Chill
3. Compressor is Not Running


1. Red 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 Main PCB Part Number: EN-6086 / Waterlogic P/N 12-8615.
Defective Red Power / Compressor Switch	Replace Red Power / Compressor Switch

2. 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.

3. Compressor is Not Running

Possible Reason	Solution
Red Power and Compressor Switch button on unit is in the off position	Turn Red Power and Compressor Switch on. <i>I = ON</i> 
Compressor Starting Circuit	Turn Red Power 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 components(s) as needed. Turn Red Power and Compressor Switch on <i>I = ON</i> and retest compressor operation. 