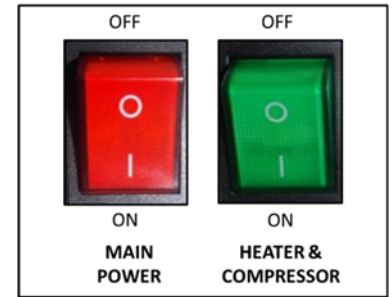


POWER TROUBLESHOOTING INDEX

1. Red Power Switch and Green Heater & Compressor Switch won't light
2. Red Power Switch and Green Heater & Compressor Switch is lit but the Status LED lights on the Front are not lit
3. Compressor Runs but does Not Chill
4. Compressor is Not Running

1. Red Power Switch and Green Heater & Compressor Switch won't light



| Possible Reason | Solution |
|---|--|
| Circuit Breaker | Check the Circuit Breaker |
| Fuse is Blown | Replace Fuse. Use 15-amp Waterlogic 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. Use only Waterlogic supplied power cord. |
| Failed Socket - Power Line Noise Filter, Electro-Magnetic Interference filter (EMI) | Replace Socket - Power Line Noise Filter, Electro-Magnetic Interference filter (EMI) |
| Defective Red Power Switch | Replace Red Power Switch |
| Defective Green Heater & Compressor Switch | Replace Green Heater & Compressor Switch |

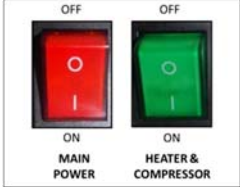
2. Red Power Switch and Green Heater & Compressor Switch is lit but the Status LED lights on the front are not lit

| 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 Green Heater & Compressor Switch | Replace Green 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 of clearance around the unit for heat exchange). |
| Compressor is running very hot (over 150°F) | Low or lost refrigerant. Refrigerant recharge as necessary. See Specifications for refrigerant charge data. |

4. Compressor is Not Running

| Possible Reason | Solution |
|--|--|
| Red Power and Green Heater & Compressor Switch in the O = OFF position | Turn Green Heater & Compressor Switch on. <i>I = ON</i>  |
| Cold Thermostat is Faulty | Isolate Power and remove red leads from cold thermostat to check continuity. Thermostat should be closed if sensor is at room temperature. Check for continuity. Replace thermostat |
| Compressor Starting Circuit Faulty or Over Heated (tripped) | Turn Green 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. Check with Multi-Meter to ensure 120V AC is being supplied to the compressor starter. Turn ON Red Power and Green Heater & Compressor Switch with meter hooked to red and black compressor leads. Replace components(s) as needed. |