

Troubleshooting Chart

Problem	Cause	Corrective Action
No power to unit	Electrical power disconnected Circuit Breaker tripped Power Switch in OFF position	Check that power cord is plugged into an operating electrical outlet of the correct voltage and frequency. Reset Circuit Breaker. Place Power Switch in ON position.
No pumping	No electrical power to unit Fluid level too low Blockage in circulating system	Check electrical power (see <i>No power to unit</i> above). Check fluid level and correct as required. Check lines for blockage and correct as required.
No heating	No electrical power to unit No or insufficient circulation Set point temperature too low Over Temperature Safety activated Liquid level too low	Check electrical power (see <i>No power to unit</i> above). Check for proper circulation (see <i>No pumping</i> above). Check set point temperature; increase as required. Check if Over Temperature Safety Lamp is lit; reset as required. Check liquid level and correct as required.
Insufficient heating	No or insufficient pumping Improper line voltage Recent change in set point or cooling load Excessive cooling load	Check for proper circulation (see <i>No pumping</i> above). Check that line voltage meets specifications. Allow sufficient time for temperature to stabilize when changes in cooling load or set point are made. Check and correct as required.
Over Temperature Safety Lamp lit	Liquid level too low Thermostat failure	Check liquid level and correct as required; reset OTP. Consult supplier.

Technical Information

Performance Specifications

Working Temperature: Ambient to 70°C / Ambient to 158°F)

Temperature Stability: ±0.2°C / ±0.4°F

Heater: 750 watt

Pump: Single-speed Centrifugal

Maximum Pressure: 2.0 psi / 0.13 bar

Maximum Flow Rate: 3.0 gpm / 11.4 lpm

Electrical Requirements: 120V, 60Hz, 6.6A
240V, 50Hz, 3.3A

Environmental Conditions

Indoor use only
Maximum Altitude: 2000 meter
Operating Ambient: 5° to 35°C (41° to 95°F)
Relative Humidity: 80%, non-condensing
Installation Category: II
Pollution Degree: 2