Troubleshooting Chart

Problem	Cause	Corrective Action
No display	No power to unit	Check that power cord is plugged into an operating electrical outlet.
	Mains Switch in Off position	Check that Mains Switch on the rear of the unit is in the On position.
No heating	Set point lower than bath temperature	Check set point temperature; increase as required.
	Bath temperature above High Limit temperature	Verify that High Limit temperature is higher than current set point temperature; adjust as required (see page 7).
	Liquid level in bath is too low	Check that liquid level is at least 2 inches (5.08 cm) above bottom of tank; add fluid as required.
Insufficient heating	Improper line voltage	Check that line voltage meets specifications.
	Recent change in set point or heat load	Allow sufficient time for bath temperature to stabilize when changes in heat load or set point are made.
	Bath cover not in place	Check that bath cover is in place.
Inaccurate bath temperature	Incorrect calibration	Adjust Calibration Offset as required (see page 9).

Technical Information

Performance Specifications

Working Temperature: Ambient +5ºC to 100ºC (ambient +10º to 212ºF)
60ºC (140ºF) without cover

Temperature Uniformity: ±0.2°C @ 37°C (±0.4°F @ 98.6°F)

Temperature Stability: ±0.1°C (±0.2°F)

Reservoir Size	Reservoir Dimensions (L x W x D)	Heater Wattage	Electrical Requirements	
			120 V, 60 Hz	240 V, 50 Hz
2 liter	3.9 x 4.3 x 6” 9.9 x 10.9 x 15.2 cm	120	WB02**1* 1.1 A	WB02**2* 0.5 A
5 liter	5 x 10.8 x 6” 12.7 x 27.4 x 15.2 cm	360	WB05**1* 3.3 A	WB05**2* 1.6 A
10 liter	10.6 x 11.6 x 6” 26.9 x 29.5 x 15.2 cm	1000	WB10**1* 8.6 A	WB10**2* 4.5 A
20 liter	9.5 x 17.5 x 5” 24.1 x 44.5 x 15.2 cm	1400	WB20**1* 12.0 A	WB20**2* 6.0 A
28 liter	9.5 x 17 x 8” 24.1 x 43.2 x 20.3 cm	1400	WB28**1* 12.0 A	WB28**2* 6.0 A

Environmental Conditions

Indoor use only
Maximum Altitude: 2000 meter
Operating Ambient: 5° to 40°C (41° to 104°F)
Relative Humidity: 80%, non-condensing
Installation Category: II
Pollution Degree: 2