MODEL 621: TROUBLESHOOTING

Unplug unit. Does unit beeper sound when plugged into power receptacle? → Yes → Does unit display illuminate when "ON/OFF" button is touched? → Yes → Do any error codes display? E1 or E2 → Yes → **E1**=Open circuit or temp sensor. Replace. **E2**=Shorted temp sensor. Replace.

Unplug unit. Does unit beeper sound when plugged into power receptacle? → No → Check outlet voltage. Does your meter read between 115-130VAC?

Check outlet voltage. Does your meter read between 115-130VAC? → No → Call a service technican

Check outlet voltage. Does your meter read between 115-130VAC? → Yes → Check wire connections to Power Board; may be loose, or broken. Possibly replace Power Board.

Does unit display illuminate when "ON/OFF" button is touched? → No → Try using your thumb to touch the "ON/OFF" button or touch around button edges. Work?

Try using your thumb to touch the "ON/OFF" button or touch around button edges. Work? → Yes

Try using your thumb to touch the "ON/OFF" button or touch around button edges. Work? → No → Replace Control Board

Do any error codes display? E1 or E2 → No

Does motor hum, spin slowly or take awhile to get up to operating speed when the heating cycle is started? → Yes → Replace Motor

Does motor hum, spin slowly or take awhile to get up to operating speed when the heating cycle is started? → No → Does motor operate normally?

Does motor operate normally? → Yes/No → Does the heating element work?

Does the heating element work? → Yes → Is there continuity between the motor terminals?

Is there continuity between the motor terminals? → No → Motor thermal protector may be tripped. Let cool for 30 mins. Work?

Is there continuity between the motor terminals? → Yes

Motor thermal protector may be tripped. Let cool for 30 mins. Work? → Yes

Motor thermal protector may be tripped. Let cool for 30 mins. Work? → No → Replace motor

Does the heating element work? → No → Is there continuity between the heating element leads?

Is there continuity between the heating element leads? → Yes → Is there continuity between the HI-LIMIT thermostat leads?

Is there continuity between the heating element leads? → No → Replace heating element

Is there continuity between the HI-LIMIT thermostat leads? → Yes → Replace Power Board

Is there continuity between the HI-LIMIT thermostat leads? → No → Replace HI-LIMIT thermostat