

TROUBLESHOOTING THE TEMP BOARD AND TRIAC

Make sure there is 120v present on terminal L 1 & L 2. (Over-temp alarm will drop voltage at these terminals)

1. Heat is on all the time and will not shut off.

--- Short across terminals S1 and S2 on the temp control. If the heat goes off, the temp sensor is open. (Replace the sensor) If the heat stays on, disconnect the yellow wire (the gate lead) on the temp board. If the heat stays on the triac is bad. If the heat goes off replace the temp board.

2. The heat is off and will not come on.

--- Disconnect the wire on terminal S1 on the temp control. If the heat comes on the temp sensor is shorted. (Replace the sensor). If the heat does not come on, check the triac by placing a jumper between the yellow and the red wires on the triac with the incubator off. If this were a 231192 then this would be yellow gate and the black wire. Turn the incubator on, the heat should come on and stay on if the triac is good, if not replace the triac. If triac and sensor check out, then replace control board. Shut the incubator off and remove the jumper.