

# INSTRUCTIONS FOR INSTALLING NO. 3256 & No. 3255 ELECTRONIC THERMOSTATS IN GQF CABINET MODEL INCUBATORS

Study wiring diagrams 1, 2 and 3 (shown below) for installation of Electronic Thermostat and follow step by step instructions.

NOTICE: AFTER WARMUP, RAPID CYCLING OF THERMOSTAT ON AND OFF IS NORMAL.

TOOLS NEEDED: 1/4" nut driver, 1/8" drill bit, 7/8" drill bit, wire cutter, wire stripper, pliers.

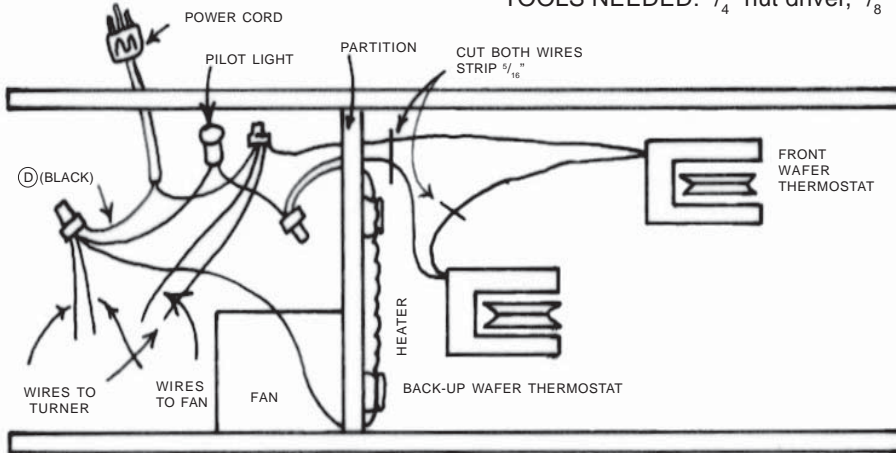


DIAGRAM 1 (above) - Wiring with wafer thermostat

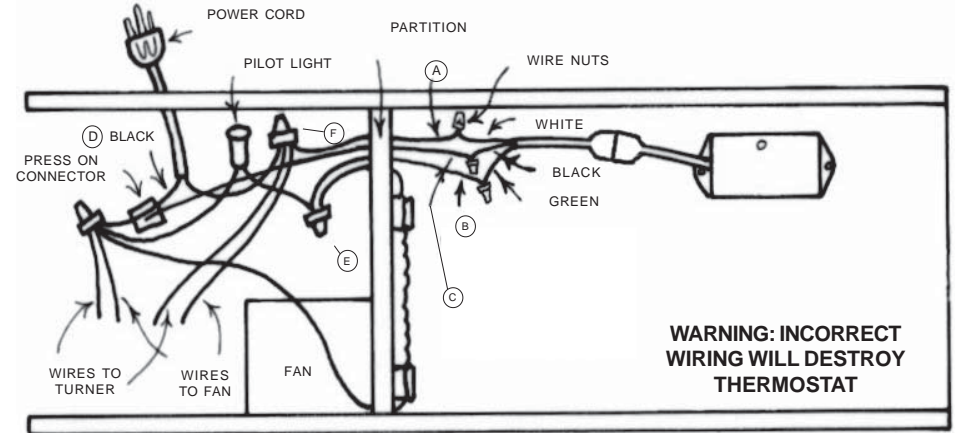


DIAGRAM 2 (above) - Wiring with electronic thermostat

## INSTALLATION INSTRUCTIONS:

### 1 - UNPLUG THE POWER CORD!

2 - Remove screws from the incubator top and back and remove them

3 - Cut wires (A) and (B) and strip insulation 5/16" from end (diagram 1).

4 - Remove front thermostat by removing 2 screws. Keep the lower wafer thermostat in place as a stand-by. It will not be attached or used unless the new thermostat fails.

5 - Drill 1/8" hole through fan/heating element partition in the vicinity of wire (A). Wire (C) (which is supplied in the kit) is inserted from the back side of the partition, through the hole.

6 - "PRESS ON CONNECTOR" is attached to one end of wire (C) and is used to connect the Power Cord wire, (D) to wire (C) (see Diagram 2 and 3).

7 - The new electronic thermostat will be mounted in place of the forward wafer thermostat or in place of an older electronic thermostat. If using a #3256 the hole where the adjusting screw (or knob shaft) of the old thermostat was located will need to be enlarged. Do this by drilling out this hole with a 7/8" drill bit. Press the plastic hole liner into this hole from the outside. The adjusting screw hole on some older models may be too close to the top to fit so that a new larger hole will have to be drilled 1/2" below the adjusting screw hole. Check this out first by placing the new thermostat controls over the old adjusting screw hole from the inside of the cabinet to see that the thermostat fits without touching the top.

8 - Connect wires as shown in diagram 2. Take care that the green thermostat wire connects to the heater/pilot light wires at connection (E). The black thermostat wire must connect to the black wire (not the white wire) of the cordset at location (D). The white thermostat wire connects at point (F) with the white wire of the cordset. IF THERE IS ANY DOUBT ABOUT THIS PROCEDURE, THEN CONSULT A QUALIFIED ELECTRICIAN. FAILURE TO CONNECT THE WIRES PROPERLY WILL DESTROY THE THERMOSTAT!

9 - See that wires are free of the fan then reattach the top and back of the incubator. Plug in the cord set and the heater should come on. If not, recheck electrical connections.

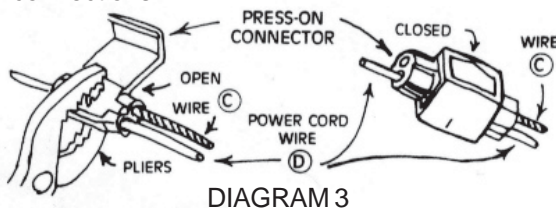
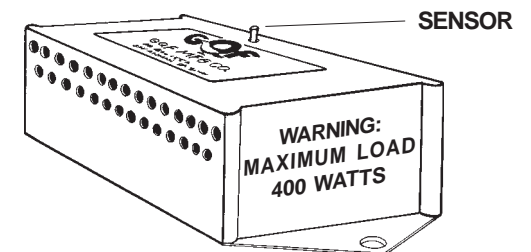


DIAGRAM 3

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See back for wiring diagram.



## BASIC WIRING DIAGRAM FOR G.Q.F. INCUBATORS

