

Dresser Wayne Heater/Fan Kit Part Number 891816-001 Installation Instructions

This Instruction Sheet covers how to install the heater fan assembly in the Dresser Wayne Select or Century dispenser.



DANGER

BEFORE YOU BEGIN, REFER TO THE INSTALLATION/ OPERATION MANUAL PROVIDED WITH YOUR DISPENSER FOR IMPORTANT WARNINGS AND SAFEGARDS RELATING TO YOUR DISPENSER

Dispensers have both electricity and a hazardous, flammable, and potentially explosive liquid. Failure to follow the precautions and the Warning and Caution instructions in the Installation/Operation manual provided with your dispenser may result in serious injury or death. Read every tag attached to the pump before commencing installation. Follow all rules, codes, and laws that apply to your area and installation.

SAFETY PRECAUTIONS - INSTALLATION AND MAINTENANCE

Always make sure ALL power to the dispenser is turned OFF before you open the dispenser cabinet for maintenance. Physically lock, restrict access to, or tag the circuit breakers you turn off when servicing the dispenser. If applicable, be sure to trip (close) the emergency valve(s) under the dispenser BEFORE beginning maintenance.

Make sure that you know how to turn OFF power to the dispenser and submersible pumps in an emergency. Have all leaks or defects repaired immediately.

Any questions concerning the installation and operation of this kit that are not covered in this document should be referred to your authorized Dresser Wayne service personnel or Dresser Wayne Technical Support (1-800-926-3737).



Heater/Fan Assembly (Dresser Wayne Kit Number 891816-001)

The kit contains the following components;

Item#	Part Number	Part Description	Qty
1	891815-001	Heater Fan Assembly, GC Select	1
2	882666-014	Nut M6 KPNTMSSTZN	2
3	892264-001	Cable, Suction, Heater/Fan, GC/Select	1

Tools Required;

- Screwdrivers: (Flat Blade type and Phillips)
- Nut driver for M6 hex nut

WARNING: The addition of this heater kit will add 550 watts load to the AC power feed for the dispenser. The breaker and wiring that supplies power to the dispenser must be capable of handling this additional load. If multiple dispensers share the same breaker, the total load for all dispensers must be considered.

Assembly shown in Figure 1 without Cable (item #3):

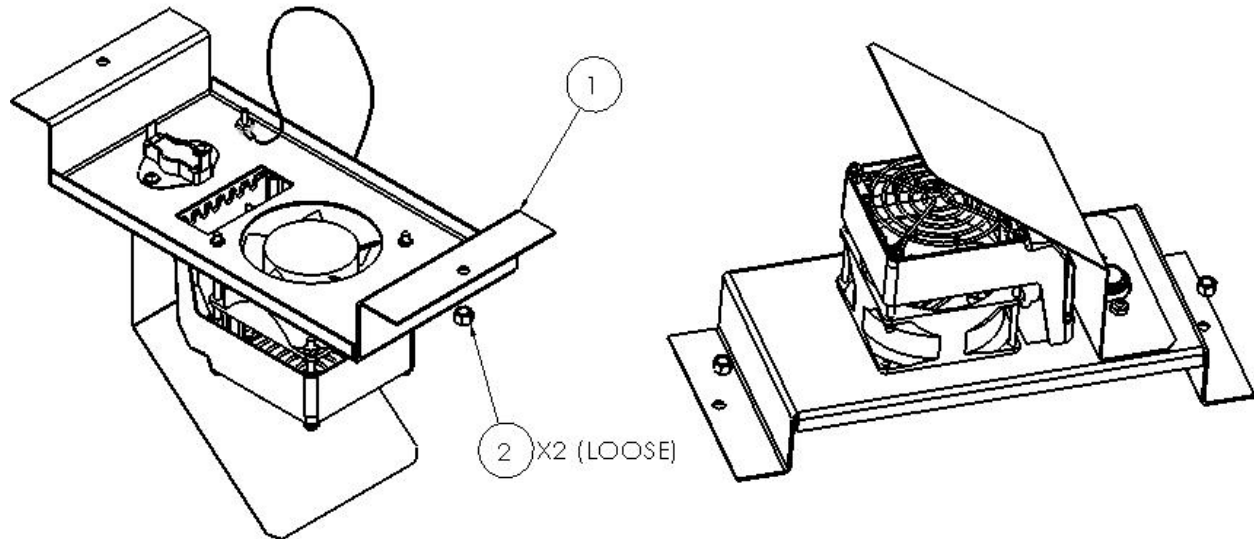


FIGURE 1

Step 1

Remove power from the dispenser.

Step 2

Unscrew the 2 screws located beneath the front display panel with a Phillips screw driver. Remove front panel and carefully hang the panel by placing the slot in the top flange of the panel onto the tabs of the dispenser's display opening. Refer to Figure 2.

Step 3

Insert the Heater/Fan Assembly into the dispenser electronics head. Place the assembly onto the studs to the left of the PC board and to the right of the relays. Fasten the assembly to the dispenser with the 2 M6 hex nuts (item#2). Use a M6 nut driver to tighten the nuts. Refer to Figure 2.

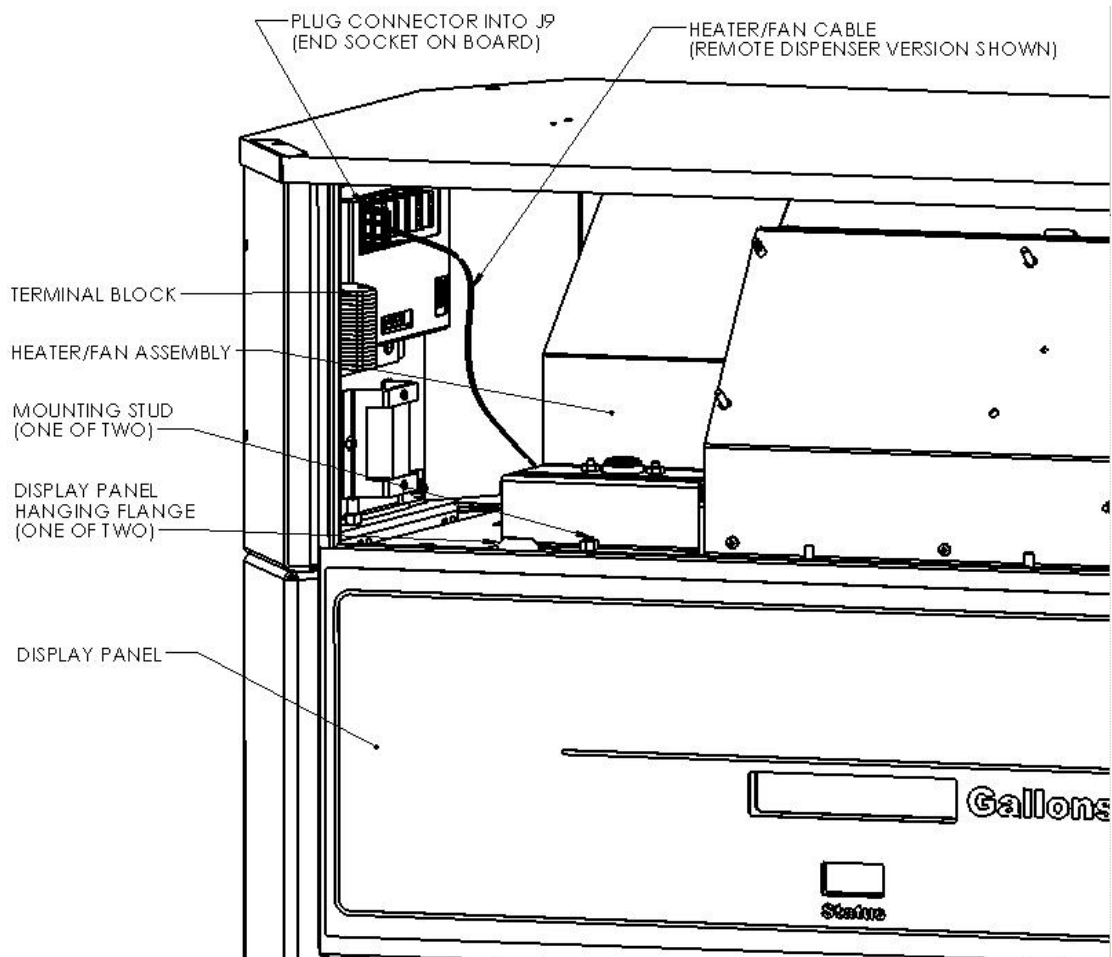


FIGURE 2

Step 4

Plug the Heater/Fan assembly's white cable housing into the relay socket in the J9 position for Remote Dispensers. Refer to Figure 2. If the assembly is being installed into a Suction Pump Dispenser, insert Black Wire of the 892264-001 Cable Assembly (item 3) into Position P of the Terminal Block Assembly and insert White Wire into Position N of the Terminal Block Assembly. See Figure 2 for terminal block position. Fasten wires to terminal block using a flat blade screwdriver. See figures 3, 4, 5 and 6 on the following pages.

Step 5

Replace the Display panel carefully, tightening the 2 screws with a Phillips screwdriver.

Step 6

Power on the dispenser.

Heater/Fan Circuit Diagram, reference:

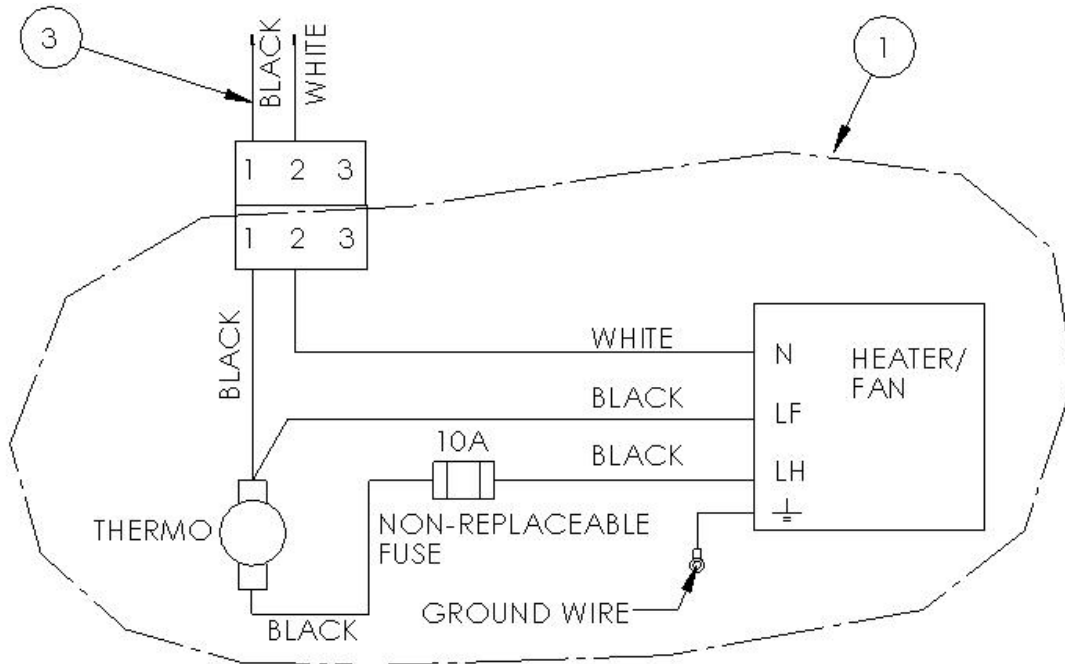


FIGURE 3

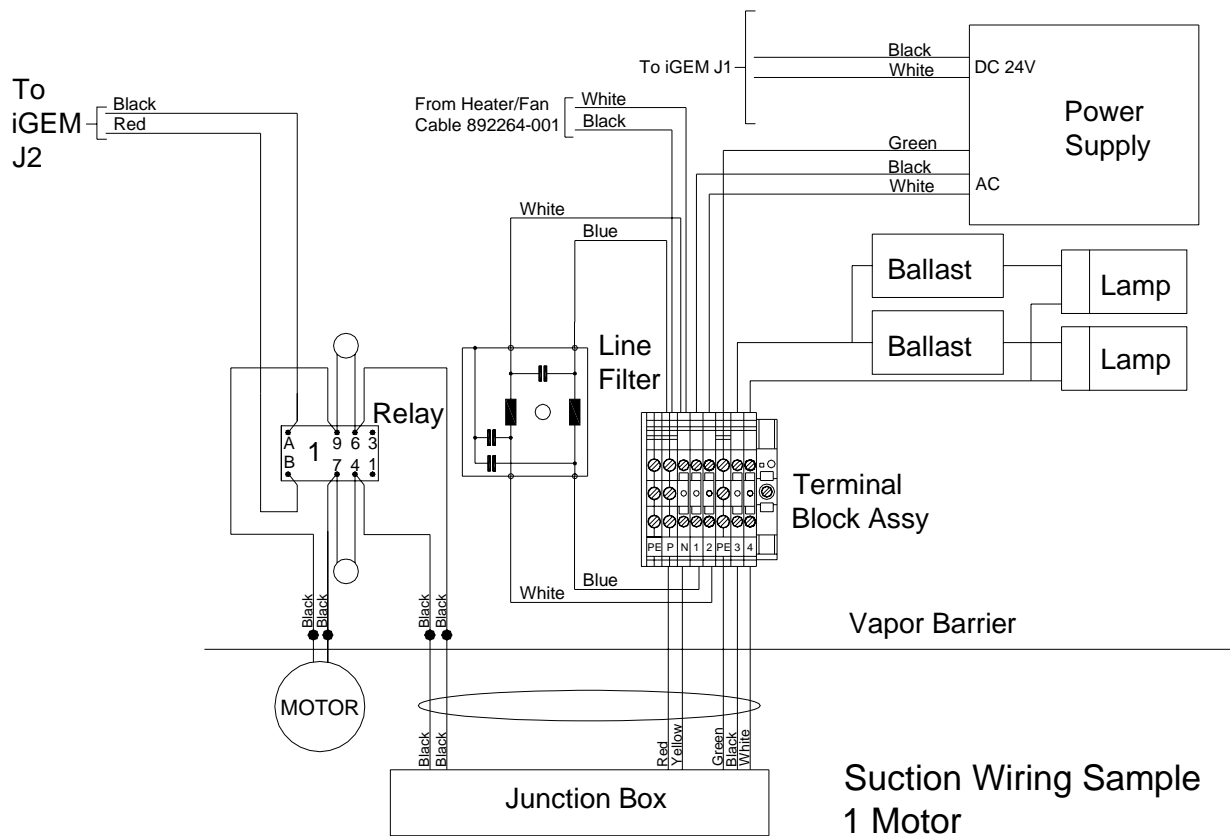


FIGURE 4

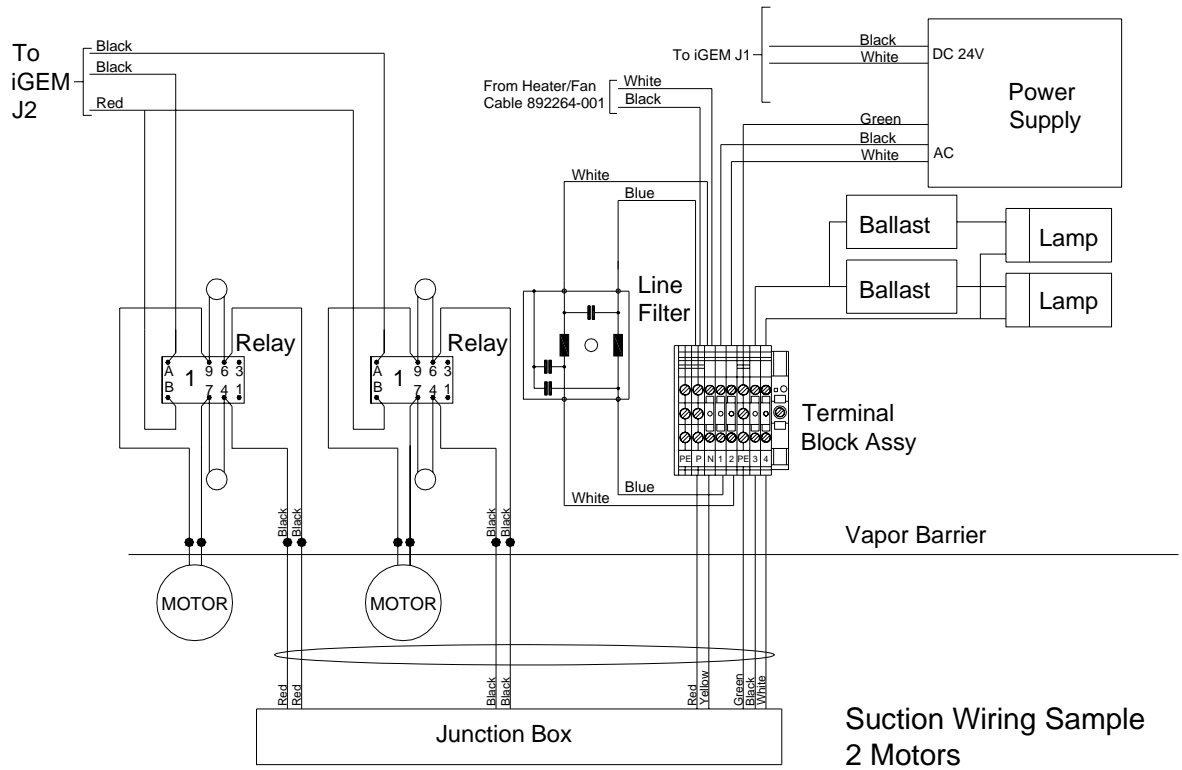


FIGURE 5

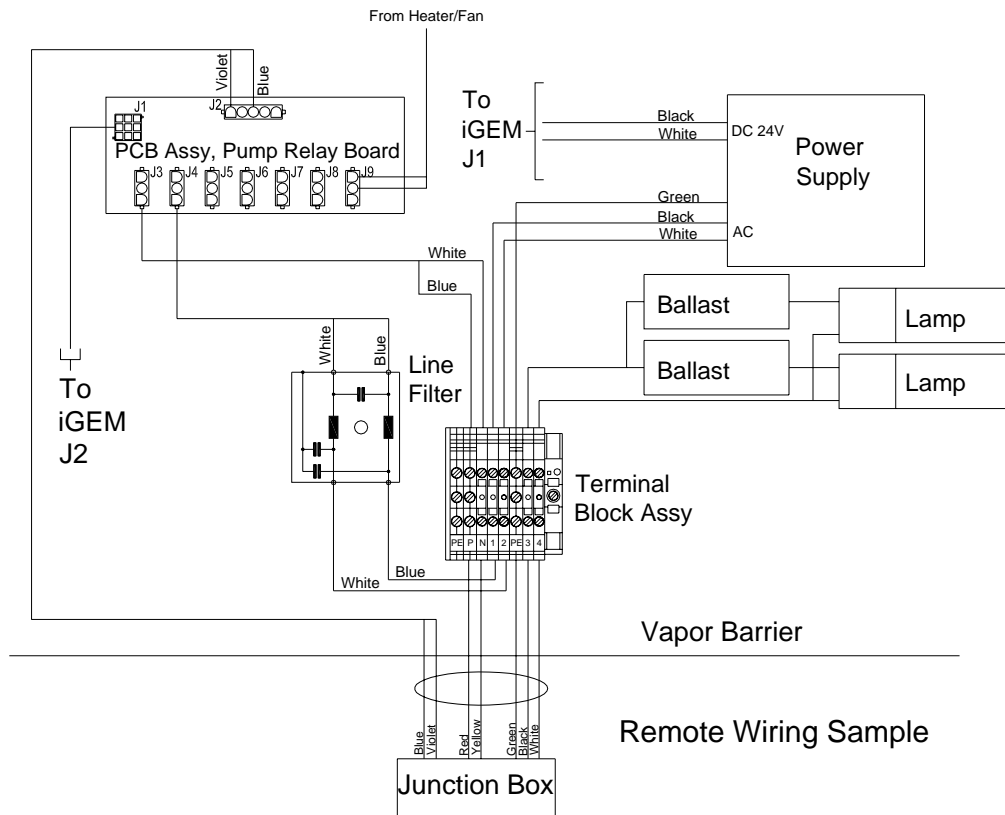


FIGURE 6



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