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INSTALLATION INSTRUCTIONS

VOLTAGE PROTECTOR MODULE KIT (P/N 440000401)

ON

230 VAC, 50Hz VANTAGE POST-MIX DISPENSERS

Read and understand these instructions thoroughly before installing this Voltage Protector Module Kit. Purpose of the Voltage Protector Module is to shut the Dispenser down should a too low or a too high power voltage condition occur. Retain these instructions as part of your equipment manual.

LOOSE-SHIPPED PARTS

Note: Only qualified personnel should install this Kit.

Unpack and inspect kit. Make sure items are present and in good condition.

Table 1. Loose-Shipped Parts

Item No.	Part No.	Name	Qty
1	XXXXXXXXXX	Voltage Protector Module	1
2	560003334	Electrical Wire (brown)	1
3	560003335	Electrical Wire (black)	1
4	560003336	Electrical Wire (blue)	1
5	325282000	Screw, Hex Washer Hd; Self-Drilling, No. 8-18 Thread by 1/2-inch Long	4

KIT INSTALLATION



WARNING: To avoid possible fatal electrical shock or serious injury to Installer, make sure Dispenser is disconnected from power source before attempting to install this kit.

1. Disconnect electrical power from the Dispenser
2. Remove screw securing the hood, then lift hood straight up off the Dispenser.
3. Remove two screws securing the electrical control box cover, then remove cover for access to the control board.

NOTE: It may be necessary to relocate the transformer to make room for installation of the VOLTAGE PROTECTOR MODULE (item 1) on the refrigeration deck as shown in Figure 1.

4. Remove two screws securing the transformer to the refrigeration deck. Discard the two transformer retaining screws.

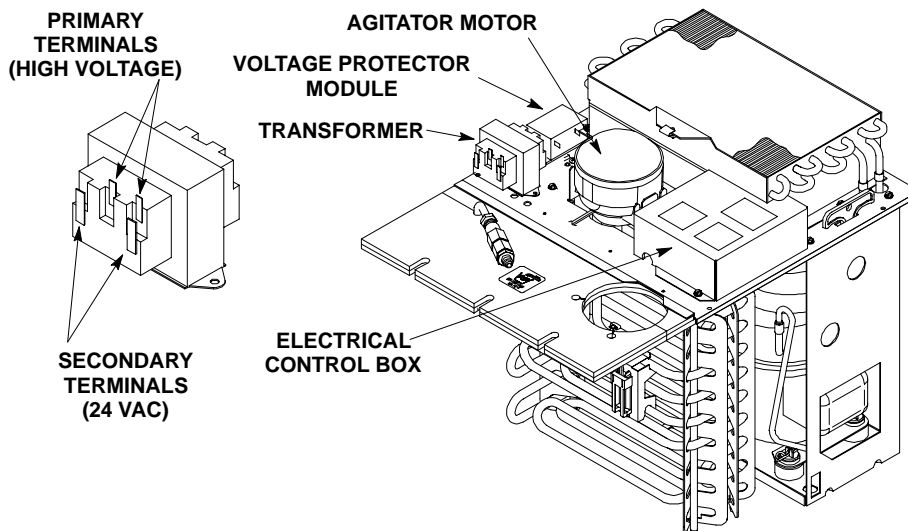


FIGURE 1. TRANSFORMER/VOLTAGE PROTECTOR MODULE LOCATION

5. Place the transformer and the VOLTAGE PROTECTOR MODULE (item 1) on the refrigeration deck in approximate locations as shown in Figure 1.
6. Using the transformer and the VOLTAGE PROTECTOR MODULE (item 1) as templates, mark their mounting holes locations on the refrigeration deck.
7. Using a 9/64 drill bit, center punch and drill the four mounting holes in the refrigeration deck.
8. Install transformer and VOLTAGE PROTECTOR MODULE (item 1) on the refrigeration deck and secure with SCREWS (item 5).

NOTE: Refer to Figure 2 (WIRING DIAGRAM) when making wiring connections between the Voltage Protector Module and the Control Board.

9. Connect one end of the black ELECTRICAL WIRE (item 3) to "LIVE OUT" terminal on the Voltage Protector Module.
10. Disconnect Compressor black electrical wire from "SW. COMP" terminal on the Control Board.
11. Connect other end of the black electrical wire, connected to "LIVE OUT" terminal on the Voltage Protector Module, to compressor black electrical wire disconnected from the control board "SW. COMP" terminal in preceding step 10.
12. Connect one end of the blue ELECTRICAL WIRE (item 4) to "LIVE IN" terminal on the Voltage Protector Module.
13. Connect other end of the blue ELECTRICAL WIRE (item 4) to "SW. COMP" terminal on control board where compressor electrical wire was disconnected from in step 10 preceding.
14. Connect one end of the brown ELECTRICAL WIRE (item 2) to "L2" terminal on the control board. This connection consist of two electrical wires connected to "L2" terminal with a piggy-back push on terminal.
15. Connect other end of the brown ELECTRICAL WIRE (item 2) to "NEUTRAL" terminal on the Voltage Protector Module.
16. Install control box cover and secure with two screws.
17. Connect electrical power to the Dispenser. Check Dispenser for proper operation. *When refrigeration compressor is operating, green light on the Voltage Protector Module will be illuminated. When refrigeration compressor is not operating, the yellow light on the Voltage Protector Module will be illuminated.*
18. Install hood on Dispenser and secure with screw.

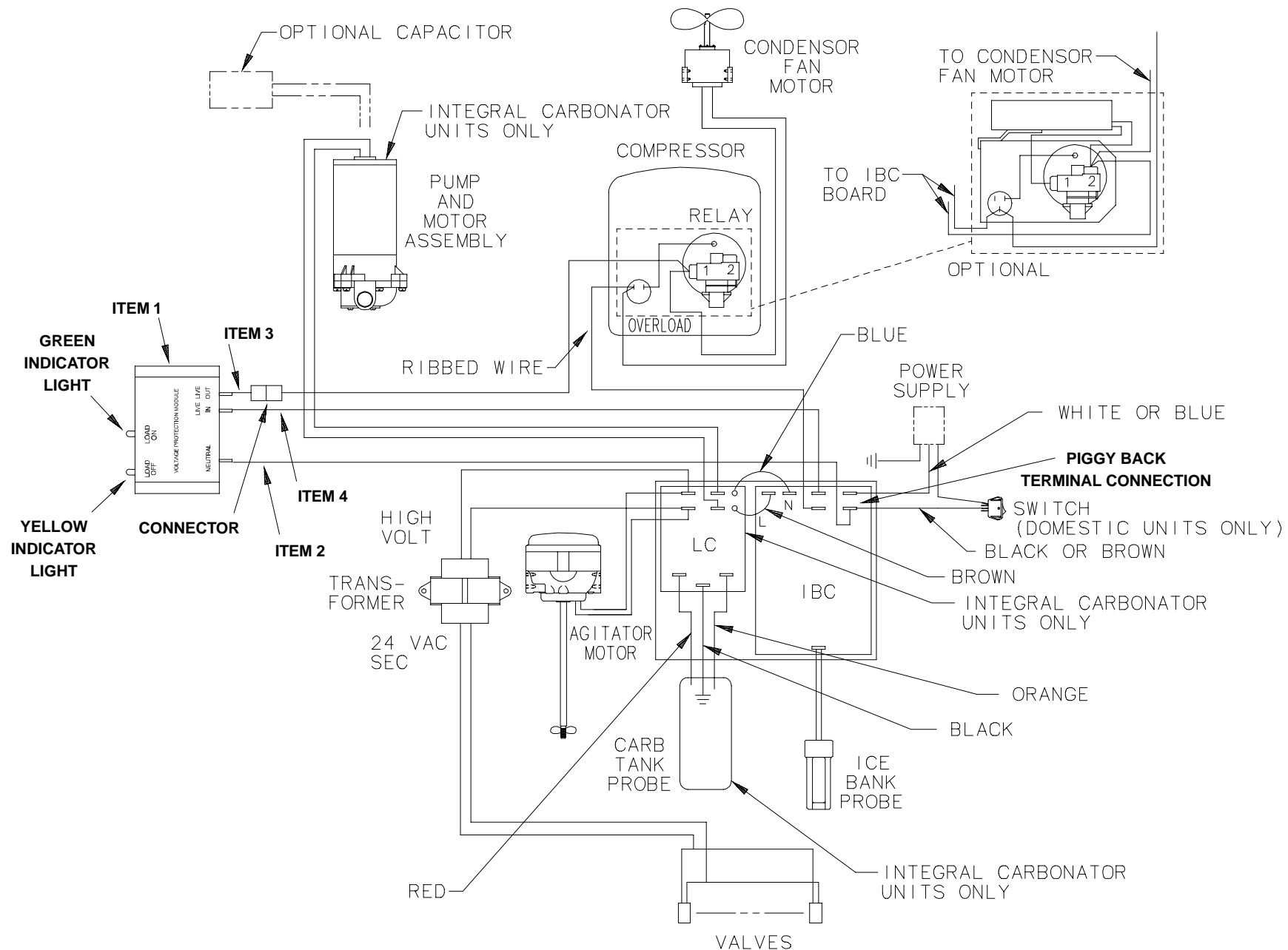


FIGURE 2. WIRING DIAGRAM

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