

Upgrade Any Fryer to VLPT Control Using Old Vent Assembly with VLP Dead Weight and Lid Valve Spring - WYE

INSTRUCTION MANUAL

(International "Wye" Configuration)

Caution: The following procedures should only be performed by a qualified electrical equipment service technician.

1. Disconnect unit from power supply or turn the circuit breaker to the off position.
2. Remove six screws securing the eyebrow and front escutcheon and allow escutcheon to hang in the open position.
3. Disconnect power cord from the right side of the magnetic contactor and ground lug.
4. Disconnect probe plugs from wire attachments.
5. Disconnect wires from hi-limit thermostat terminals.
6. Remove screw securing hi-limit thermostat locking arm to relay panel and remove arm.
7. Remove screws securing hi-limit thermostat body to relay panel and pull thermostat body away from panel.
8. Disconnect in-line connectors to vent solenoid wires routed around left side of cookpot.
9. Disconnect and remove all wires from heater terminals (leave small flat washers in place for later use).
10. Remove four screws securing relay panel to fryer cabinet and allow panel to rest on escutcheon assembly.
11. Lift entire escutcheon/relay panel assembly off of fryer and set aside.
12. Remove old probe assembly from cookpot wall.
13. Install new probe assembly using gauge provided to assure proper probe positioning.
14. Place new escutcheon/relay panel assembly on front of fryer and allow to hang in open position.
15. Remove two screws securing relay panel to front escutcheon.
16. Position relay panel into fryer cabinet and start top two screws.

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17. Position hi-limit thermostat body on back of escutcheon as shown in photo at right.
18. Push relay panel into position and secure with four screws (**Note:** The top two screws were started in step #16).
19. Connect heater wires to heater terminals. (Wires from left-hand contactor go to left-hand heater terminals. Wires from neutral block go to right-hand heater terminals. On the left side of the left contactor, the top wire is black, middle white, and bottom orange. The blue wire from neutral block connects to top right heater terminal. Jumper wires connect from top right heater to middle right heater, then from middle right heater to bottom right heater terminals).
20. Connect wires labeled 'HT' to hi-limit thermostat terminals.
21. Replace old dead weight with new one in existing vent assembly.
22. DO NOT connect harness to vent solenoid wires with in-line connectors. The vent solenoid is not used for this upgrade.
23. Push probe plug into receptacle located at bottom of controller housing.
24. Connect power cord to input side of right-hand contactor and ground wire to ground lug on relay panel.
25. Close front escutcheon and secure with four screws.

