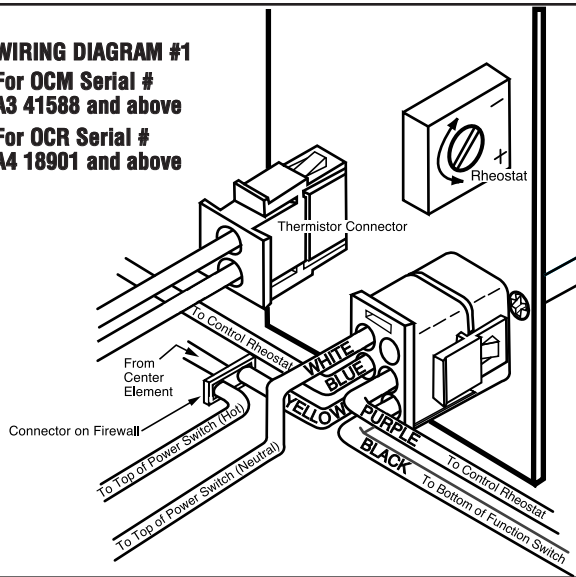




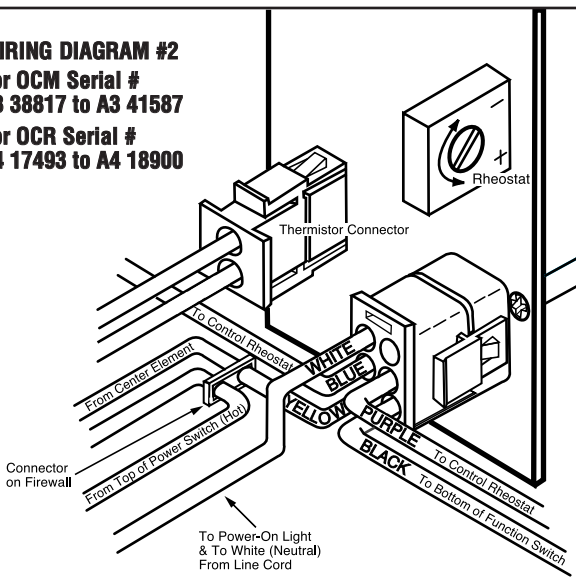
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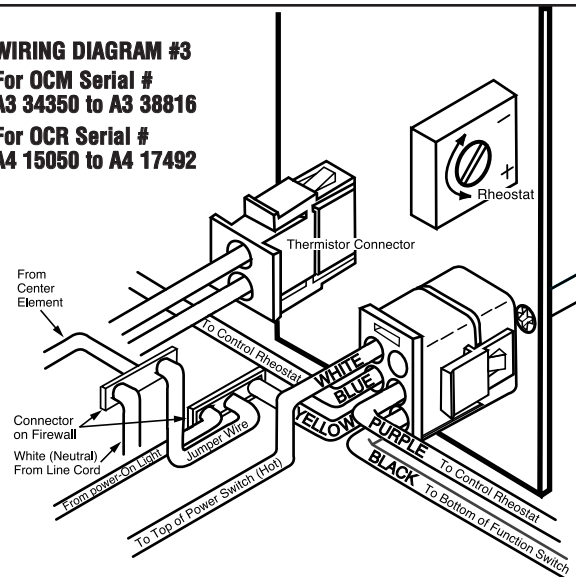
WIRING DIAGRAM #1 For OCM Serial # A3 41588 and above For OCR Serial # A4 18901 and above



WIRING DIAGRAM #2 For OCM Serial # A3 38817 to A3 41587 For OCR Serial # A4 17493 to A4 18900



WIRING DIAGRAM #3 For OCM Serial # A3 34350 to A3 38816 For OCR Serial # A4 15050 to A4 17492



PCT007 & PCT169 SOLID STATE CONTROLLER WIRING INSTRUCTIONS AND DIAGRAMS

BEFORE REPLACING THERMISTOR OR SOLID STATE HEAT CONTROLLER, PLEASE CHECK THE FOLLOWING:

- Make sure there is sufficient water in chamber. Check fill tube and valves for leaks.
- Check heaters and all connections.
- Check Overtemperature Thermostat (RPI Part #PCT042). Reset or replace if necessary.

When replacing the solid state controller or thermistor, note **Serial Number** of autoclave and install per corresponding wiring diagram to the left.

Solid state controller is supplied with choke and M.O.V. mounted P.C. board.

For Machines Using Both Steam and Dry Heat Sterilizing Modes

1. Mount controller and rewire per wiring diagram.
2. Press in interlock stop button and turn temperature control fully clockwise.
3. Each installation *REQUIRES* individual adjustment to match the individual machine as follows:
 - A. If steam and dry heat are required (dry heat door must be installed) bring temperature up to 350°F by adjusting rheostat on P.C. board. (**Note:** The "Heat-On" lamp will flash before final temperature is reached. Allow 10-15 minutes for temperature to stabilize before each adjustment.)
 - B. Turn machine off and allow to cool.
 - C. Turn temperature control counter-clockwise until interlock button pops out. Remove knob from shaft.
 - D. Operate machine through steam cycle. Adjust front rheostat to stabilize temperature at 270°F. (**Note:** The "Heat-On" lamp will flash approximately 10' before temperature stabilizes. Allow 10-15 minutes for stabilization after each adjustment.)
 - E. Replace temperature control knob. Make sure flange on knob is against interlock stop button.

For Machines Using Steam Sterilization Only

1. Mount controller and rewire per diagram.
2. Operate sterilizer through steam cycle with front control rheostat turned clockwise to interlock stop button (maximum setting for steam sterilization).
3. Each installation *REQUIRES* individual adjustment to match the individual machine as follows:
 - A. Adjust rheostat on side of printed circuit board until sterilizer temperature stabilizes at 270°F.
(**Note:** Approximately 10°F before temperature stabilizes the "Heat-On" lamp will start flashing. Allow 10-15 minutes for stabilization of temperature after each front control rheostat adjustment.)
 - B. Run machine for several cycles to verify setting. Make any necessary readjustments.