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PCT042

OVERHEAT THERMOSTAT PROCEDURE FOR SETTING

1. After installing switch, run a 15 amp AC ammeter in power supply line. As alternate, run a 120-volt voltmeter across the center heating element terminals.
2. Starting from a cold condition, run a normal autoclaving cycle.
3. Remove temperature control knob on front of machine and rotate shaft to maximum position (turn clockwise).
4. Current should be on when machine is at 270°F (27 PSI). If not, turn adjustment screw in overheat thermostat switch counter-clockwise to restore current. Safety valve should have released if pressure goes to 35 PSI.

CAUTION

DANGEROUS IF PRESSURE EXCEEDS 35 PSI

5. At 270°F (27 PSI) turn screw clockwise until current is off (0 reading on meter used in #1 above). Then carefully turn screw counter-clockwise until current starts up. Setting is now proper for switch if autoclave was started cold.
6. The switch is now set and needs no further adjustment. Return to the temperature control shaft (#3 above), turning it counter-clockwise until it is set at 270°F (27 PSI). The knob can now be replaced.
7. See the service manual for adjusting instructions.