

**OLD THERMOSTAT REMOVAL
FOR HMS (OD) UNITS**

- 1 TURN UNIT OFF AND UNPLUG CORD.
Allow unit to fully cool if unit has been in operation.
- 2 REMOVE ALL ACCESSORIES FROM WATER VESSEL.
- 3 EMPTY WATER OUT OF WATER VESSEL by tipping unit over a drain.
- 4 REMOVE THE SCREW, LOCATED ON THE BOTTOM CENTER OF THE UNIT, SECURING WATER VESSEL TO THE SHROUD.
 • OR REMOVE THE FOUR SCREWS AROUND TOP RIM OF WATER VESSEL WHICH SECURE WATER VESSEL TO THE SHROUD.
 Save the screw/s for re-assembly.
- 5 PULL WATER VESSEL OUT OF SHROUD.
- 6 CUT WIRE TIES IF NECESSARY TO FURTHER ACCESS INTERNAL WIRING.
- 7 DISCONNECT LEADS TO THERMOSTAT.
See WIRING DIAGRAM below.
- 8 REMOVE OLD THERMOSTAT by removing the screw, lockwasher, and nut securing the thermostat to the thermostat bracket.
Discard old thermostat, but save the screw, nut, and lockwasher for installing the new thermostat.

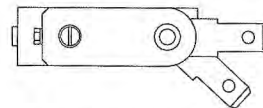
**NEW THERMOSTAT INSTALLATION
FOR HMS (OD) UNITS**

- 1 POSITION NEW THERMOSTAT ONTO THERMOSTAT BRACKET AND SECURE TO thermostat bracket with screw, lockwasher, and nut. Make sure the lockwasher is under the nut.
- 2 CONNECT THERMAL CUTOUT LEAD TO THERMOSTAT ANGLED TERMINAL. See WIRING DIAGRAM below.
- 3 CONNECT HEATING ELEMENT LEAD TO THERMOSTAT STRAIGHT TERMINAL. See WIRING DIAGRAM below.
- 4 INSTALL WATER VESSEL INTO SHROUD.
- 5 INSTALL THE SCREW, INTO THE BOTTOM CENTER OF THE UNIT, TO SECURE WATER VESSEL TO THE SHROUD.
 • OR INSTALL THE FOUR SCREWS AROUND TOP RIM OF WATER VESSEL TO SECURE WATER VESSEL TO SHROUD.
- 6 REMOVE BUSHING (HOLE PLUG) FROM SHROUD TO ACCESS THE CALIBRATION SCREW FOR THE CALIBRATION PROCEDURE.
- 7 SET UNIT UPRIGHT ONTO ITS FEET AND PLUG UNIT INTO POWER SOURCE.
- 8 CALIBRATE THERMOSTAT per calibration instructions on opposite page.

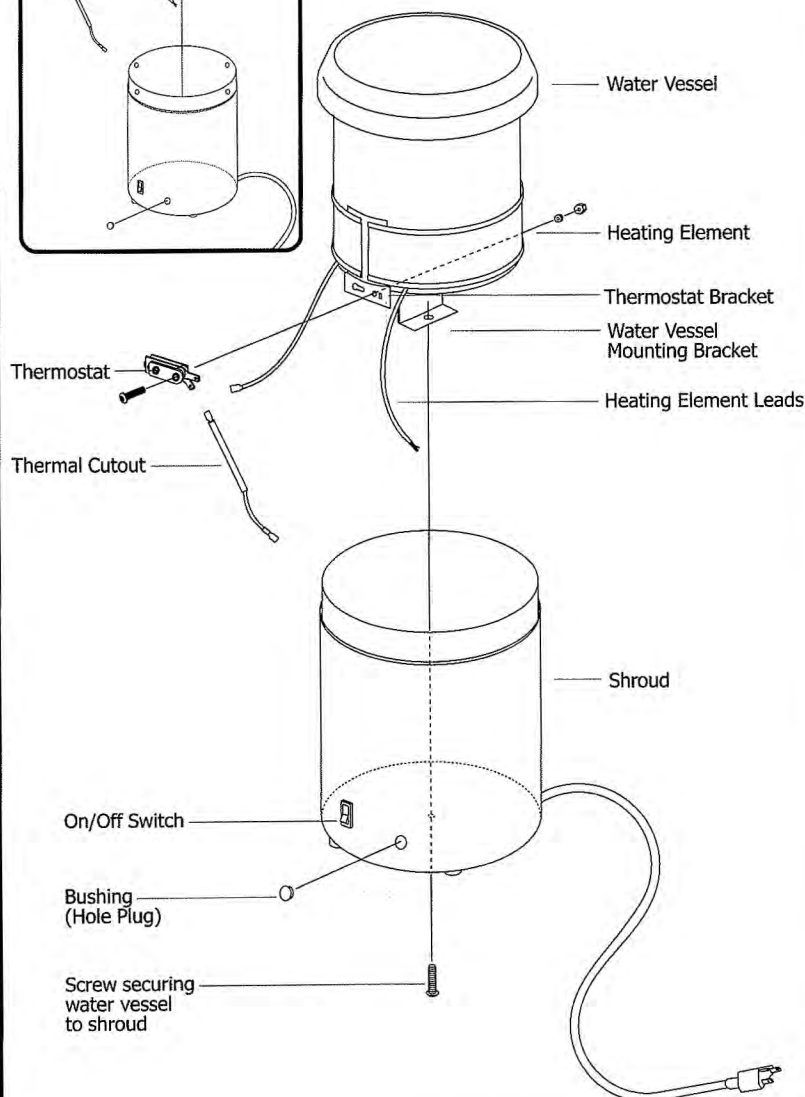
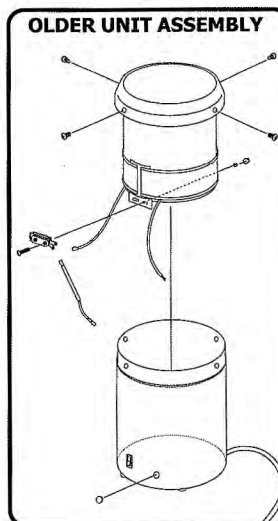
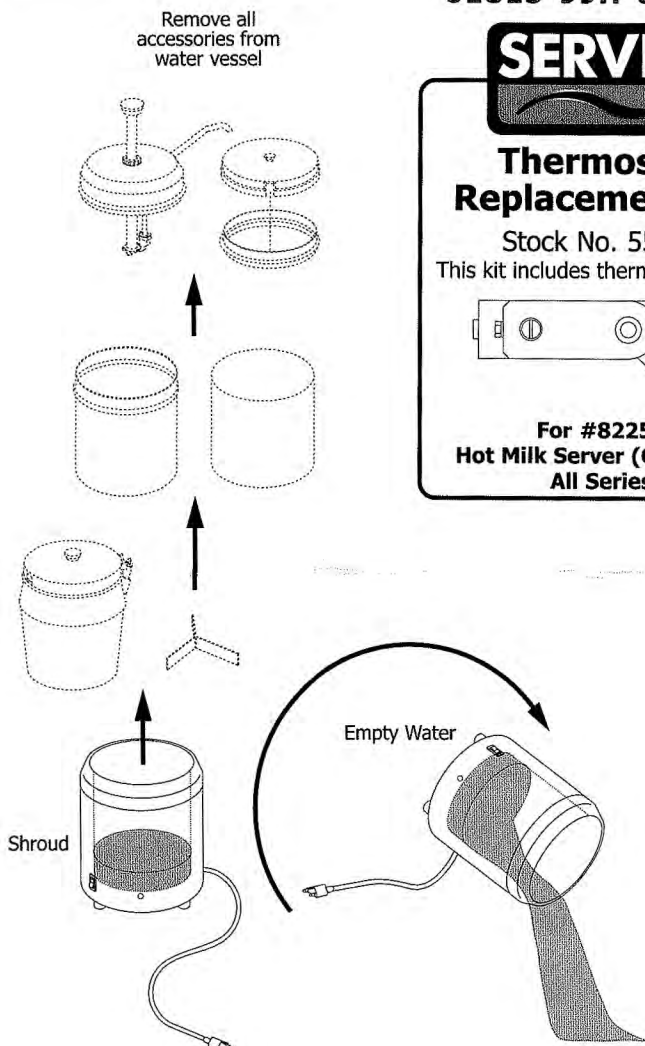
SERVER

Thermostat Replacement Kit

Stock No. 55266
This kit includes thermostat 82266



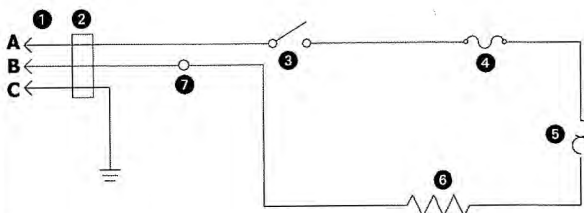
For #82250
Hot Milk Server (OD) Units
All Series



Kit #55266 INCLUDES:

Part#	Qty.	Description
82266	1	Thermostat

WIRING DIAGRAM



- 1 Cord Assembly:
120V/60Hz
A Black
B White
C Green (Ground Wire)
- 2 Bushing/Strain Relief
- 3 Switch, Snap-In Rocker
- 4 Thermal Cutout
- 5 Thermostat
- 6 Heating Element
- 7 Wire Nut

HMS (OD)

This Hot Milk Server (OD) #82250 unit is intended to maintain a temperature of 160°F for best product serving temperature.

CALIBRATION PROCEDURE

- FILL WATER VESSEL AT LEAST 1/2 FULL OF WATER.**
- PLACE A COVER OVER THE UNIT AND INSERT A DIAL THERMOMETER THROUGH A HOLE IN THE COVER.**
- TURN UNIT ON AND ALLOW UNIT TO HEAT UP TO A MINIMUM OF 170°F (76.7°C).**

This is the lowest temperature the thermostat needs to "open" at, which is equal to turning the heating element "off".

Note: It might take as long as 45 minutes to reach 170°F after the unit has been plugged into a power outlet.

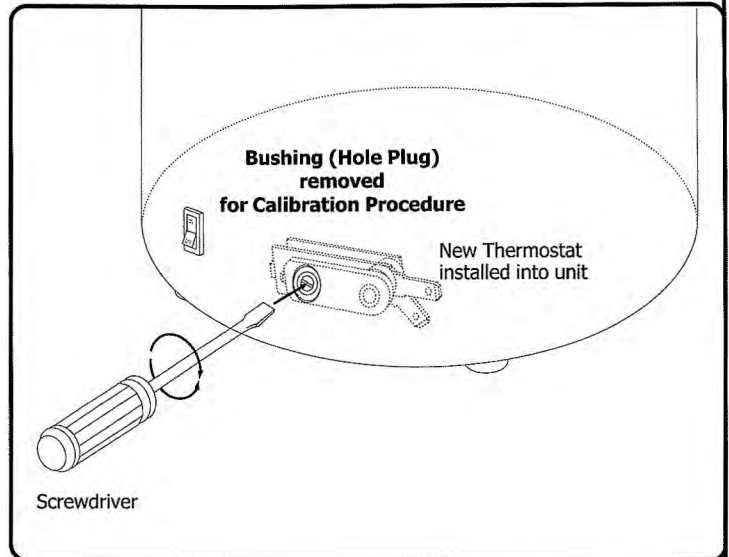
 - If the temperature does not reach 170°F, then rotate the calibration screw 1/4 turn COUNTERCLOCKWISE, using a screwdriver. This will "close" the thermostat and increase the temperature of the heating element.
 - If the temperature still does not reach 170°F, then repeat the 1/4 turn of the calibration screw, until the temperature reaches 170°F.
- WHEN THE TEMPERATURE REACHES 170°F,** rotate the calibration screw two full turns CLOCKWISE. This will "close" the thermostat completely, which is equal to turning the heating element "off".
- ALLOW APPLIANCE TO COOL TO 160°F (71.1°C)**
 - If unit does not cool to 160°F, then rotate the calibration screw two full turns CLOCKWISE. This will "open" the thermostat and decrease the temperature of the heating element.
- WHEN THE TEMPERATURE REACHES 160°F,** rotate the calibration screw two full turns COUNTERCLOCKWISE, or until a soft audible click is heard. This will "close" the thermostat completely, which is equal to turning the heating element "on".
- CHECK CALIBRATION SETTING**
 - Unplug and re-plug unit into power outlet.
 - If the unit does not heat up to 170°F within about 45 minutes, then repeat the entire calibration procedure.
- RETURN UNIT TO SERVICE WHEN THE UNIT HOLDS A STABLE TEMPERATURE AROUND 160°F** after unit has been plugged into a power outlet for about 45 minutes.
- INSTALL BUSHING (HOLE PLUG) INTO SHROUD TO COVER THE CALIBRATION SCREW AFTER CALIBRATION PROCEDURE IS COMPLETE.**

Factory-Installed thermostats are sealed after calibration with Loctite or similar bonding material.

Do not attempt to calibrate a Factory-Installed thermostat.

TOOLS NEEDED FOR CALIBRATION PROCEDURE:

- Screwdriver, Straight Blade
 - not included in thermostat kit
- Stem Type Dial Thermometer to measure temperatures from 90° to 170°F (32.2°-76.7°C)
 - not included in thermostat kit
- A cover to contain heat within unit.
 - Make a hole in the cover to hold the Dial Thermometer
 - not included in thermostat kit



Rotate calibration screw, using screwdriver, **CLOCKWISE TO DECREASE** the operating temperature of the unit.

Rotate calibration screw, using screwdriver, **COUNTERCLOCKWISE TO INCREASE** the operating temperature of the unit.

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