

OLD WATER VESSEL REMOVAL

- 1 TURN UNIT OFF AND UNPLUG CORD.
Allow unit to fully cool if unit has been in operation.
- 2 EMPTY ANY CONTENTS AND/OR WATER FROM VESSEL(S).
Remove all accessories from unit.
- 3 REMOVE THERMOSTAT KNOB(S).
 - Knob Guard(s) must be removed, if included with unit. Remove 2 screws located at bottom of knob guard.
 - Knob(s) which are pointer style in shape, if included with unit, have a setscrew that must be removed in order to remove knob.
- 4 DISASSEMBLE WATER VESSEL(S) FROM SHROUD ENOUGH TO ACCESS WIRING.
 - Place unit on side to remove screws securing shroud or bottom closer to water vessel.
 - Older units may have 4 screws around top rim of shroud which can be removed to release shroud.
 - Slowly pull vessel away from shroud by tilting shroud until thermostat shaft clears hole provided in shroud.
- 5 CUT WIRE TIES AND DISCONNECT GREEN GROUND LEAD IF NECESSARY TO FURTHER ACCESS INTERNAL WIRING.
- 6 DISCONNECT CORD ASSEMBLY WHITE LEAD FROM HEATING ELEMENT LEAD (A).
- 7 DISCONNECT THERMAL CUTOUT LEAD FROM THERMOSTAT.
 - Wiring can be best accessed when vessel is set upside down on a work surface.
- 8 DISCONNECT HEATING ELEMENT LEAD (B) FROM THERMOSTAT.
- 9 REMOVE AND SAVE OLD THERMOSTAT FROM THERMOSTAT BRACKET.
 - Save screw, nut, and washer when removing old thermostat.



SERVER

120 Volt
4 Quart VesselWater Vessel
Replacement Kit
Stock No. 81077

For Series 89 to Present:

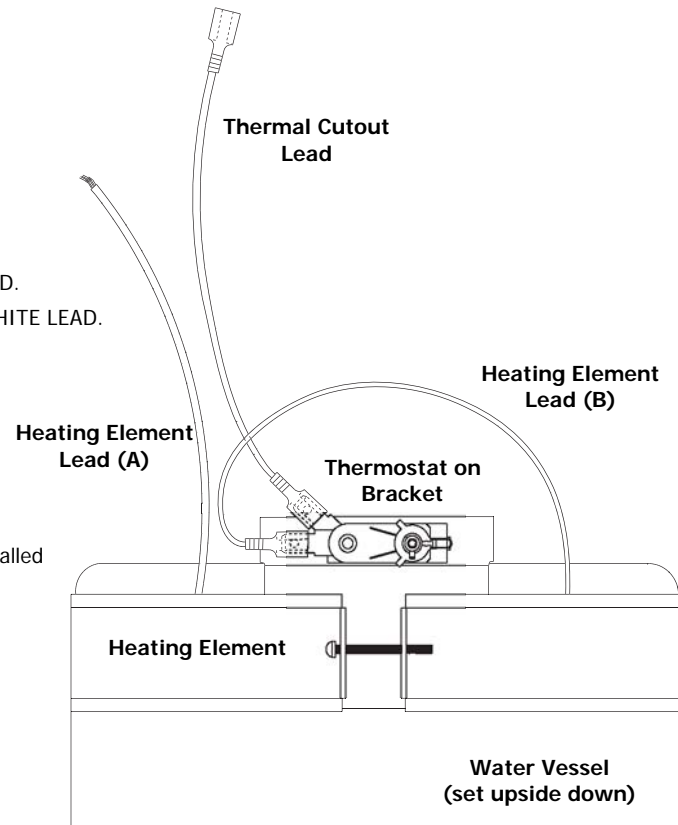
- FS Units
- FSP Unit
- FS-4 Units

Kit Includes:

Part No.	Qty.	Description
81008	1	HEATING ELEMENT
81017	1	THERMOSTAT BRACKET
81146	1	WATER VESSEL ASSEMBLY

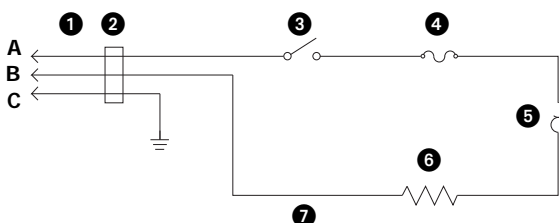
NEW WATER VESSEL INSTALLATION

- 1 INSTALL OLD THERMOSTAT ONTO NEW THERMOSTAT BRACKET.
 - New thermostat bracket is pre-assembled onto new water vessel by manufacturer.
 - Secure thermostat on thermostat bracket with screw, nut, and a single washer saved above in step #9.
 - Lockwasher must be under nut, tighten nut to 18 in. lbs. torque.
- 2 BEGIN CONNECTING LEADS AND INSTALLING WATER VESSEL INTO SHROUD.
See **WIRING DIAGRAM** below.
- 3 CONNECT HEATING ELEMENT LEAD (B) TO THERMOSTAT.
 - Either thermostat terminal is acceptable.
- 4 CONNECT THERMAL CUTOUT LEAD TO THERMOSTAT.
 - Either thermostat terminal is acceptable.
- 5 OPPOSITE END OF THERMAL CUTOUT LEAD SHOULD BE CONNECTED TO BLACK LEAD FROM ROCKER SWITCH.
- 6 CONNECT GREEN GROUND LEAD WITH NUT TO THREADED STUD INSIDE SHROUD.
- 7 CONNECT HEATING ELEMENT LEAD (A) WITH WIRE NUT TO CORD ASSEMBLY WHITE LEAD.
- 8 GATHER AND SECURE ALL WIRE WITH WIRE TIES.
 - Bundle wires to prevent them from touching heating element.
- 9 INSTALL WATER VESSEL BACK INTO SHROUD.
 - Tilt water vessel while slowly sliding and aligning it into shroud.
 - Align thermostat shaft into hole provided in shroud.
- 10 SECURE WATER VESSEL TO SHROUD.
 - Older units may have 4 screws around top rim of shroud which need to be installed to secure water vessel to shroud.
- 11 INSTALL THERMOSTAT KNOB ONTO THERMOSTAT SHAFT BY ALIGNING KNOB ONTO SPLINE ON SHAFT AND PUSHING KNOB ONTO SHAFT.
 - Knobs which are pointer style in shape, if included with unit, have a setscrew which must be installed to secure knob to unit.
 - Knob Guard must be installed, if included with unit.
Install 2 screws located at bottom of knob guard.



FS, FSP (SERIES 89A, 89J, 93D, 96G)
FSP LOW TEMP (SERIES 98H)
FS-4 (SERIES 89A, 89J)

120V/60Hz



WIRING DIAGRAMS

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



SERVER

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