

## Installation Instructions

### **▲ WARNING**

**HAZARD OF ELECTRICAL SHOCK!** Before removing any access panels or servicing the water heater, make sure the electrical supply to the water heater is turned "OFF". Failure to do this could result in **DEATH, SERIOUS BODILY INJURY, OR PROPERTY DAMAGE.**

### **DRAINING TANK**

1. Shut off the electric power to the water heater.
2. Shut off the cold water supply to the water heater.
3. Turn on a remote hot water faucet to relieve the water pressure and leave open to allow draining.
4. Connect a water hose (which terminates to an adequate drain) to the drain valve and open valve (turning counter clockwise) to allow tank draining.

### **ELEMENT REMOVAL/REPLACEMENT**

5. Remove the access panel and fold back the insulation.
6. Remove the plastic terminal cover.
7. Disconnect the two wires on the element and using element wrench kit (if screw-in element) unscrew or unbolt (if bolt-in element) the old element from the tank.
8. Clean the area around the element opening. If you are replacing the lower element, also remove any sediment from around the element opening, inside the tank.
9. The element you are replacing is a screw-in type element. Check that the rubber ("O"-ring) gasket is on the thread side of the element and screw into the tank, securing tightly using the element wrench kit.
10. If the element you are replacing is a square flange or round end type element follow the procedures as outlined on the ELEMENT ADAPTER KIT. NOTE: Element adapter kits are for use with 1" screw-in flange elements only.

### **▲ CAUTION**

After installation of this heating element, to insure the tank is completely filled, water must be flowing from a hot water faucet for several minutes before the electricity is turned on to the water heater. **FAILURE TO FOLLOW THIS INSTRUCTION WILL CAUSE DAMAGE TO THE HEATING ELEMENT AND/OR THE WATER HEATER TANK.**

REFILLING INSTRUCTIONS ON BACK OF CARD

**IMPORTANT**  
FOR USE ONLY SUBMERSED IN WATER

### REFILLING THE TANK

11. Close the drain valve (turning Clockwise) and turn on the cold water supply to the water heater.
12. Allow all trapped air to escape from the open remote hot water faucet until water has a constant flow. Then turn the hot water faucet off.
13. Check element for water leaks. If leakage occurs, tighten element or repeat steps 2 through 4, remove element, reposition gasket and reinstall element. Then follow the "Refilling Tank" section.

#### **▲ WARNING**

**Failure to place the thermostat behind the thermostat bracket and against the tank could cause overheating resulting in DEATH, SERIOUS BODILY INJURY, OR PROPERTY DAMAGE.**

14. Making sure the thermostat remains firmly against the surface of the tank, reconnect the two wires to the element.
15. Replace terminal cover on thermostat and fold insulation back in place
16. Replace access panel.
17. Turn on the electric power to water heater.

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