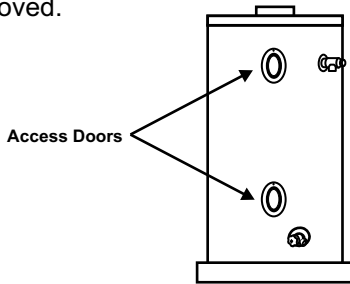


OPERATING YOUR WATER HEATER

Water Heater Start-Up

1. Before operating the water heater, make sure the water heater has been properly installed.
2. Completely fill the tank with water.
3. Carefully read and understand the section, "Water Temperature Regulation", of this manual and adjust the temperature control knob to the desired setting.
4. Read the section, "Operating Mode Descriptions" on page 10 and select the desired operating mode.
5. After the tank is completely filled with water, turn on power to the water heater. **Note:** The water heater performs self-diagnostics that takes approximately 10 minutes. During this time, the elements may not be energized. If a failure is detected, the Diagnostic Light flashes the related failure code. See page 14 for "Diagnostic Code Chart."

Important: Operation of this water heater without access doors or insulation could result in much higher water temperatures than the desired set point, increasing the risk of scald injury. Do not operate water heater with the access doors or insulation removed.



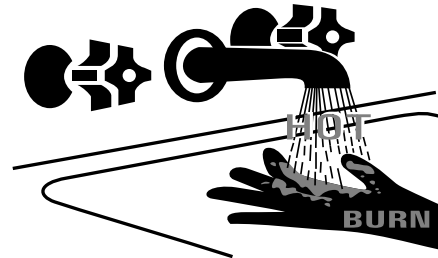
Important: Do not attempt to operate this water heater if the temperature sensor(s), electronic control board, or surrounding insulation has been exposed to water in any way. Immediately call a qualified service technician to inspect the water heater and replace any temperature sensor(s), electronic control board, or insulation that has been exposed to water. Do not attempt to repair these parts. Water heaters subjected to flood conditions or any time the temperature sensor(s) or electronic control board have been submerged in water require replacement of the entire water heater.

Safety Shut-off

This water heater is equipped with a high limit control switch that is designed to shut off the power to the elements if the water temperature exceeds 170°F (77°C). Use the diagnostic control chart on page 14 to help determine the cause of the high limit shut-off. After the cause has been corrected, reset the control as directed under "Reset Function" on page 10.

Water Temperature Regulation

WARNING



Water temperature over 125°F can cause severe burns instantly or death from scalds.

Children, disabled, and elderly are at highest risk of being scalded.

See the instruction manual before setting temperature at water heater.

Feel water before bathing or showering.

Temperature limiting valves are available.

The temperature control is adjusted to a setting of 120°F or lower when it is shipped from the factory. Water temperature can be regulated by adjusting the temperature control system to the preferred setting as shown in "Operating the Temperature Control System." **The recommended starting point is 120°F. There is a hot water scald potential if the temperature control is set too high.**

Important: Adjusting the temperature past 120°F on the temperature control will increase the risk of scald injury. Hot water can produce first degree burns within:

120°F (49°C) more than 5 minutes

130°F (54°C) at 20 seconds

140°F (60°C) at 3 seconds

150°F (66°C) at 1-1/2 seconds

160°F (71°C) at less than 1 second