

## START-UP/OPERATION

### ⚠️ WARNING

**IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.**

Read these directions thoroughly before attempting to light or relight the pilot. **Make sure the tank is completely filled with water before lighting the pilot.** Check the data plate near the gas valve control/thermostat for the correct gas. Do not use this water heater with any gas other than the one listed on the data plate. If you have any questions or doubts consult your gas supplier or gas utility company.

### DO NOT:

- Operate the water heater if it has been subjected to physical damage, flooding, or fire.
- Operate the water heater unless the tank is filled with water.
- Operate the water heater if the cold water supply inlet valve is closed.
- Allow flammable liquids such as gasoline or paint thinner to be stored or used near this water heater.
- Allow combustible materials such as newspapers, rags or mops to accumulate near this water heater.
- Light this water heater until all lighting instructions are understood and followed. Lighting instructions are clearly given in this manual and on the water heater label.
- Light this water heater if you smell gas around the appliance area.

### IF YOU SMELL GAS:

1. Open the windows.
2. Get all people out of the building.
3. Do not light matches or any other appliance. Do not smoke.
4. Do not touch any electrical switches (on or off) or use any phones in your residence.
5. Extinguish any open flames immediately.
6. Shut off the gas at the manual shut-off valve. (If using liquid propane gas, shut off the gas at the L.P. tank outside of your residence.)
7. Use an outside phone and immediately call the gas company and the fire department. Give your name and address and ask for instructions.
8. Do not go back into the building. Wait for help to arrive outside of the building.

### L.P.G. (BOTTLED PROPANE) MODELS

Liquefied Petroleum Gas is over 50% heavier than air and in the occurrence of a leak in the system the gas will settle at FLOOR LEVEL. Basements, crawl spaces, skirted areas under mobile homes (even when ventilated), closets and areas below ground level will serve as pockets for the accumulation of gas. **Before lighting an L.P. gas water heater, smell all around the appliance at floor level.** If you smell gas, follow the directions as given on this page.

When your L.P. tank runs out of fuel, turn off the gas at all gas appliances including pilot lights. After the tank is refilled, all appliances must be re-lit according to their manufacturer's instructions.

### WATER EXPOSURE

**Do not try to light this water heater if the gas controls, main burner, or pilot have been exposed to water in any way.** Immediately call a qualified service technician to inspect the water heater and replace any part of the gas control system that has been exposed to water. **DO NOT** attempt to repair these parts. Water heaters subjected to flood conditions or any time the main burner, gas controls or pilot have been submerged in water require replacement of the entire water heater.

### LIGHTING THE WATER HEATER

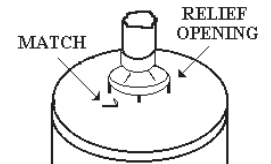
Check the Gas Control Valve/Thermostat and determine which model is being used for your water heater. Refer to either Figure 17A, 17B, 17C, or 17D and light the water heater according to its directions.

### ⚠️ WARNING

**DO NOT ATTEMPT TO LIGHT THIS WATER HEATER UNTIL IT IS PROPERLY INSTALLED AND YOU UNDERSTAND ALL OF THE SAFETY WARNINGS AND PRECAUTIONS.**

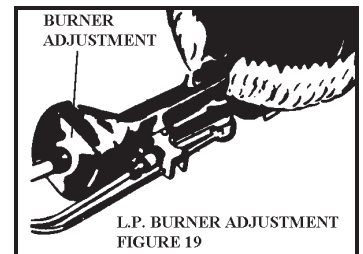
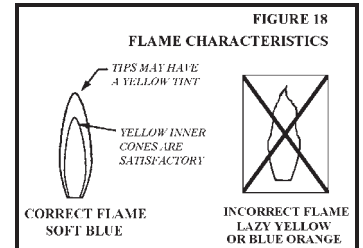
### CHECKING THE DRAFT

After successfully lighting the water heater, allow the unit to operate for 15 minutes and check the draft hood relief opening for proper draft. Pass a match flame around the relief opening of the draft hood. A steady flame drawn into the opening indicates proper draft. If the flame flutters or is blown out, combustion products are escaping from the relief opening. If this occurs, do not operate the water heater until proper adjustments or repairs are made to the vent pipe system.



### BURNER FLAMES

Inspect the burner flames and compare them to the drawings in Figure 18. A properly operating burner should produce a soft blue flame. Blue tips with yellow inner cones are satisfactory. The tips of the flame may have a slight yellow tint. The flame should not be all yellow or have a sharp blue-orange color. Contaminated air may cause an orange colored flame. A main burner adjustment is provided for L.P. gas water heaters only. This is a primary air controlling device and is located at the end of the burner venturi. (See Figure 19). Loosen the screw and open the device to sharpen the flame. Close the device to soften the flame. Retighten the screw after adjusting the flame. Natural gas models do not have a field adjustment. Contact a qualified service technician if the flame is not satisfactory.



### WATER TEMPERATURE REGULATION

The thermostat is adjusted to its lowest temperature when it is shipped from the factory. Water temperature can be regulated by moving the temperature dial to the preferred setting. **The preferred starting point is 120°F.** Align the index bar on the thermostat with the desired water temperature as shown in Figures 20 and 21, page 19. **There is a hot water scald potential if the thermostat is set too high.**

### ⚠️ DANGER

**ADJUSTING THE THERMOSTAT PAST THE 120°F BAR ON THE TEMPERATURE DIAL WILL INCREASE THE RISK OF SCALD INJURY.**

During low demand periods when hot water is not being used, a lower thermostat setting will reduce energy losses and may satisfy your normal hot water needs. If hot water use is expected to be more than normal, a higher thermostat setting may be required to meet the increased demand.

When leaving your home for extended periods (vacations, etc.) turn the temperature dial to its lowest setting. This will maintain the water at low temperatures with minimum energy losses and prevent the tank from freezing during cold weather.

**FIGURE 17A : LIGHTING INSTRUCTIONS (ROBERTSHAW THERMOSTAT)**

**FOR YOUR SAFETY READ BEFORE LIGHTING**

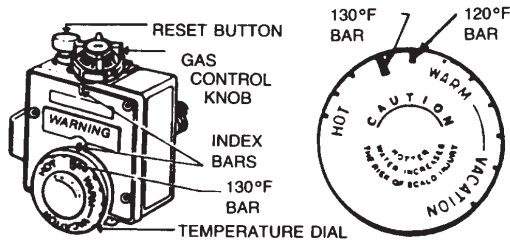
**⚠ WARNING**

If you do not follow these directions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

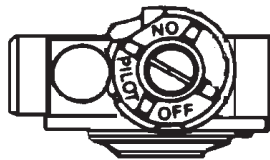
- A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS:
  - Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- C. If you cannot reach your gas supplier, call the fire department.
- D. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or move by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- E. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance. Water heaters subjected to flood conditions or anytime the gas controls, main burner or pilot have been submerged in water require replacement of the entire water heater.

**LIGHTING INSTRUCTIONS**

1. **STOP!** It is imperative that you read all the safety warnings before lighting the pilot.
2. Remove outer and inner doors.
3. Turn the temperature dial counterclockwise ↶ to its lowest setting.



4. Turn gas control knob clockwise ↷ to the "OFF" position.
5. To clear any gas that may have accumulated wait ten (10) minutes. If you then smell gas, **STOP!** Follow "B" in the safety warning above. If you do not smell gas go to the next step.



6. Find pilot - follow the smaller metal tube from the thermostat to the pilot.
7. Turn the gas control knob counterclockwise ↶ to "PILOT".



8. Light match and hold to pilot. Depress the reset button all the way in; hold until pilot lights. Repeat immediately if pilot does not light on the first try. Continue to hold the button for about (1) minute after the pilot is lit. Release the reset button and it will pop back up. Pilot should remain lit. If the pilot light goes out, repeat steps 3 - 8.

**IMPORTANT:** If the pilot will not stay lit after several tries, turn gas control knob to "OFF" and call your service technician or gas supplier.

**IMPORTANT:** If the reset button does not pop up when released, stop and immediately shut off the gas at the line valve or tank. Call your service technician or gas supplier.



9. Replace the inner door.
10. Turn the gas control knob counterclockwise ↶ to "ON".
11. Set the temperature dial to the desired setting.
12. Replace the outer door.

**TO TURN OFF GAS TO APPLIANCE**

1. Turn the temperature dial counterclockwise ↶ to its lowest setting.
2. Turn the gas control knob clockwise ↷ to the "OFF" position.

FIGURE 17B : LIGHTING INSTRUCTIONS (WHITE-RODGERS THERMOSTAT)

FOR YOUR SAFETY READ BEFORE LIGHTING

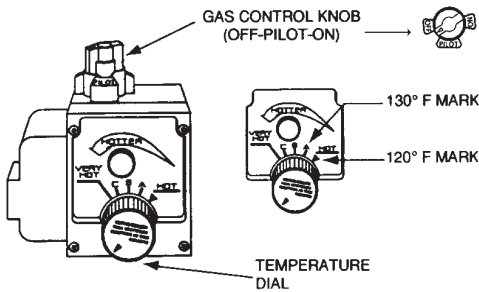
WARNING

If you do not follow these directions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance has a pilot which must be lighted by a hand. When lighting the pilot, follow these instructions exactly.
B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
WHAT TO DO IF YOU SMELL GAS:
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or move by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance. Water heaters subjected to flood conditions or any time the gas controls, main burner or pilot have been submerged in water require replacement of the entire water heater.

LIGHTING INSTRUCTIONS

- 1. STOP! It is imperative that you read all the safety warnings before lighting the pilot.
2. Remove outer and inner doors.
3. Set the thermostat to its lowest setting. (Rotate clockwise).
4. Depress the gas control knob slightly and turn clockwise to "OFF". If the knob is "ON", turn it clockwise to "PILOT" then depress the knob slightly and turn



clockwise to "OFF".

NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is depressed slightly. Do not use tools or excessive force.

- 5. To clear any gas that may have accumulated wait ten (10) minutes. If you then smell gas, STOP! Follow "B" in the safety warning above. If you do not smell gas go to the next step.

- 6. Find the pilot - Follow the smaller metal tube from thermostat to the pilot.
7. Turn the gas control knob counterclockwise to "PILOT".



- 8. Light the match and hold to the pilot. Depress the control knob all the way; hold until pilot lights. Continue to hold the control knob down for about (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If the pilot light goes out, repeat steps 3 -8.

IMPORTANT: If the pilot will not stay lit after several tries, turn gas control knob to "OFF" and call your service technician or gas supplier.

IMPORTANT: If the knob does not pop up when released, turn the knob to "OFF", stop and immediately call your service technician or gas supplier.

- 9. Replace the inner door.
10. Turn the gas control knob counterclockwise to "ON".
11. Set the temperature dial to the desired setting.
12. Replace the outer door.

TO TURN OFF THE GAS TO APPLIANCE

- 1. Set the thermostat to its lowest setting.
2. Turn gas control knob clockwise to "PILOT".
3. Depress the gas control knob slightly and turn clockwise to "OFF". Do not use tools or force.

**FIGURE 17C : LIGHTING INSTRUCTIONS-PIEZOELECTRIC IGNITER (ROBERTSHAW THERMOSTAT)**

**FOR YOUR SAFETY READ BEFORE LIGHTING**

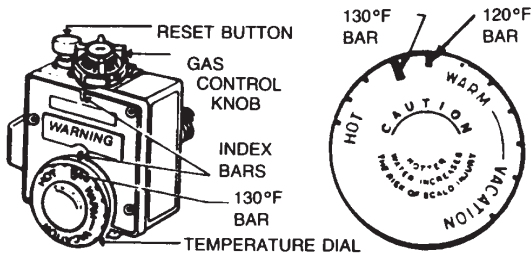
**⚠ WARNING**

If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance has a pilot which is lighted by a piezoelectric igniter. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS:**
  - Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or move by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance. Water heaters subjected to flood conditions or anytime the gas controls, main burner or pilot have been submerged in water require replacement of the entire water heater.

**LIGHTING INSTRUCTIONS**

1. **STOP!** It is imperative that you read all the safety warnings before lighting the pilot.
2. Remove outer and inner doors.

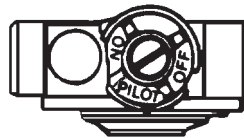


3. Turn the temperature dial counterclockwise ↶ to its lowest setting.

4. Turn gas control knob clockwise ↷ to the "OFF" position.

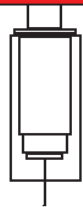


5. To clear any gas that may have accumulated wait ten (10) minutes. If you then smell gas, **STOP!** Follow "B" in the safety warning above. If you do not smell gas go to the next step.



6. Turn the gas control knob counterclockwise ↶ to "PILOT".

7. Depress the reset button all the way in and **IMMEDIATELY** depress the igniter until you hear a loud click. Repeat immediately if pilot does not light on the first try. If the pilot does not light by the fourth attempt with the igniter, repeat steps 4 - 7. Continue to hold the button for about (1) minute after the pilot is lit. Release the reset button and it will pop back up. Pilot should remain lit. If the pilot light goes out, repeat steps 3 - 7.



**IMPORTANT:** If the pilot will not stay lit after several tries, turn gas control knob to "OFF" and call your service technician or gas supplier.

**IMPORTANT:** If the reset button does not pop up when released, stop and immediately shut off the gas at the line valve or tank. Call your service technician or gas supplier.

8. Replace the inner door.
9. Turn the gas control knob counterclockwise ↶ to "ON".
10. Set the temperature dial to the desired setting.



11. Replace the outer door.

**TO TURN OFF GAS TO APPLIANCE**

1. Turn the temperature dial counterclockwise ↶ to its lowest setting.
2. Turn the gas control knob clockwise ↷ to the "OFF" position.

## FIGURE 17D : LIGHTING INSTRUCTIONS WITH PIEZOELECTRIC IGNITER (WHITE-RODGERS THERMOSTAT)

### FOR YOUR SAFETY READ BEFORE LIGHTING

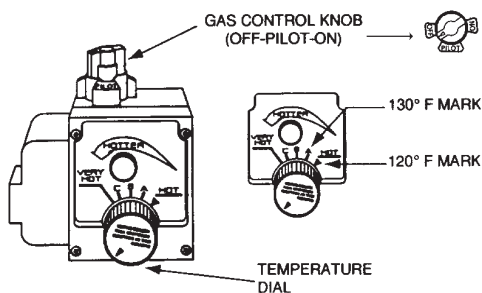
#### **⚠ WARNING**

If you do not follow these directions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance has a pilot which is lighted by a piezoelectric igniter. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS:**
- Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- C. If you cannot reach your gas supplier, call the fire department.
- D. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or move by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance. Water heaters subjected to flood conditions or any time the gas controls, main burner or pilot have been submerged in water require replacement of the entire water heater.

### LIGHTING INSTRUCTIONS

1. **STOP!** It is imperative that you read all the safety warnings before lighting the pilot.
2. Remove outer and inner doors.
3. Set the thermostat to its lowest setting. (Rotate clockwise ↻).
4. Depress the gas control knob slightly and turn clockwise ↻ to "OFF". If the knob is "ON", turn it clockwise ↻ to "PILOT" then depress the knob slightly and turn clockwise ↻ to "OFF".



**NOTE:** Knob cannot be turned from "PILOT" to "OFF" unless knob is depressed slightly. Do not use tools or excessive force.

5. To clear any gas that may have accumulated wait ten (10) minutes. If you then smell gas, **STOP!** Follow "B" in the safety warning above. If you do not smell gas go to the next step.

6. Turn the gas control knob counterclockwise ↺ to "PILOT".
7. Depress the control knob all the way in and **IMMEDIATELY** depress the igniter until you hear a loud click. Repeat immediately if the pilot does not light on the first try. If the pilot does not light by the fourth attempt with the igniter repeat steps 4-7. Continue to hold the control knob down for about (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If the pilot light goes out, repeat steps 3-7.



**IMPORTANT:** If the pilot will not stay lit after several tries, turn gas control knob to "OFF" and call your service technician or gas supplier.

**IMPORTANT:** If the knob does not pop up when released, turn the knob to "OFF", stop and immediately call your service technician or gas supplier.

8. Replace the inner door.
9. Turn the gas control knob counterclockwise ↺ to "ON".
10. Set the temperature dial to the desired setting.
11. Replace the outer door.

### TO TURN OFF THE GAS TO APPLIANCE

1. Set the thermostat to its lowest setting.
2. Turn gas control knob clockwise ↻ to "PILOT".
3. Depress the gas control knob slightly and turn clockwise ↻ to "OFF". Do not use tools or force.

## FOR YOUR SAFETY READ BEFORE LIGHTING

### ⚠ WARNING

If you do not follow these directions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

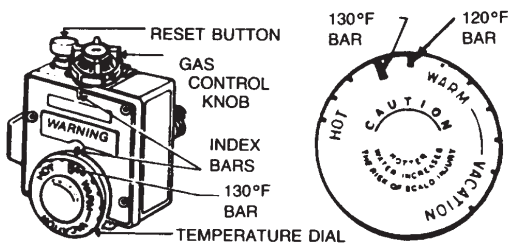
#### WHAT TO DO IF YOU SMELL GAS:

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.

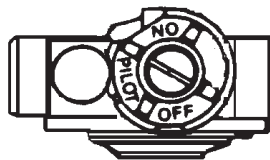
- If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or move by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance. Water heaters subjected to flood conditions or anytime the gas controls, main burner or pilot have been submerged in water require replacement of the entire water heater.

## LIGHTING INSTRUCTIONS

1. **STOP!** It is imperative that you read all the safety warnings before lighting the pilot.
2. Remove outer and inner doors.
3. Turn the temperature dial counterclockwise ↶ to its lowest setting.



4. Turn gas control knob clockwise ↷ to the "OFF" position.

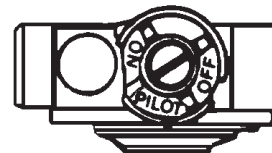


5. To clear any gas that may have accumulated wait ten (10) minutes. If you then smell gas, **STOP!** Follow "B" in the safety warning above. If you do not smell gas go to the next step.



6. Find pilot - follow the smaller metal tube from the thermostat to the pilot.

7. Turn the gas control knob counterclockwise ↶ to "PILOT".



8. Light match and hold to pilot. Depress the reset button all the way in; hold until pilot lights. Repeat immediately if pilot does not light on the first try. Continue to hold the button for about (1) minute after the pilot is lit. Release the reset button and it will pop back up. Pilot should remain lit. If the pilot light goes out, repeat steps 3 - 8.

**IMPORTANT:** If the pilot will not stay lit after several tries, turn gas control knob to "OFF" and call your service technician or gas supplier.

**IMPORTANT:** If the reset button does not pop up when released, stop and immediately shut off the gas at the line valve or tank. Call your service technician or gas supplier.

9. Replace the inner door.

10. Turn the gas control knob counterclockwise ↶ to "ON".



11. Set the temperature dial to the desired setting.
12. Replace the outer door.

## TO TURN OFF GAS TO APPLIANCE

1. Turn the temperature dial counterclockwise ↶ to its lowest setting.
2. Turn the gas control knob clockwise ↷ to the "OFF" position.

## START-UP/OPERATION (CONT.)

### **! DANGER**

**HOT WATER CAN PRODUCE FIRST DEGREE BURNS WITHIN:**

- 3 SECONDS AT 140°F (60°C)**
- 20 SECONDS AT 130°F (54°C)**
- 8 MINUTES AT 120°F (49°C)**

### **! WARNING**

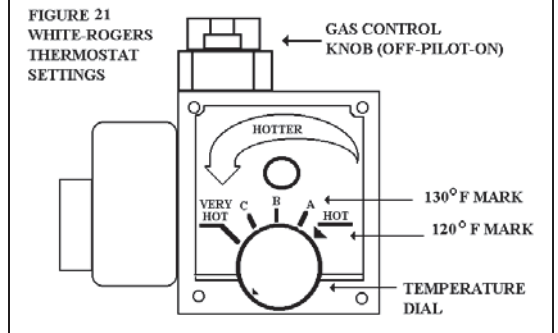
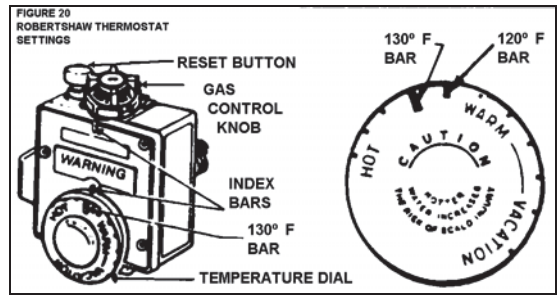
**HOUSEHOLDS WITH SMALL CHILDREN, ELDERLY, IMPAIRED OR DISABLED MEMBERS AND ANYONE WITH TEMPERATURE SENSITIVE SKIN MAY REQUIRE A LOWER TEMPERATURE SETTING TO REDUCE THE RISK OF SCALD INJURY.**

### STACKING

Stacking occurs when consecutive short draws of hot water (3 gallons or less) are taken from the water heater tank. This causes increased cycling of the burner and can result in increased water temperatures at the hot water outlet. Always install an anti-scald device in the hot water supply line to reduce the risk of scald injury.

### EMERGENCY SHUT DOWN

**IMPORTANT:** Should overheating occur or the gas supply fail to shut off, turn off the water heater's manual gas control valve and call a qualified service technician.



## OPERATIONAL CONDITIONS

### CONDENSATION

Moisture from the products of combustion condenses on the tank surface and the outside jacket of the water heater and forms drops of water which may fall onto the burner or other hot surfaces. This will produce a "sizzling" or "frying" noise. **This condensation is normal and should not be confused with a leaking tank.** Condensation may increase or decrease at different times of the year.

High efficient Energy Saver water heaters will produce larger amounts of condensation on initial light up or when a large amount of hot water is being used. **Do not confuse this with a "tank leak".** Once the water reaches a temperature of 120°F and the tank warms up (usually 1-2 hours), the condensation will stop.

Operating the water heater at the lowest thermostat setting may increase the amount of condensation. Adjusting the thermostat slightly higher may eliminate this problem.

**IMPORTANT:** It is always recommended that a suitable drain pan be installed under the water heater to protect the area from water damage resulting from normal condensation production or a leaking tank or piping connections (See page 6, "Location Requirements and Considerations"). Under no circumstances is the manufacturer to be held responsible for any water damage in connection with this water heater.

### WATER HEATER SOUNDS

During the normal operation of the water heater, sounds or noises may be heard. These noises are common and may result from the following:

1. Normal expansion and contraction of metal parts during periods of heat-up and cool-down .
2. Condensation causes sizzling and popping within the burner area and should be considered normal.
3. Sediment build-up in the tank bottom will create varying amounts of noise and may cause premature tank failure. Drain and flush the tank as directed under "Draining and Flushing".

### SMOKE/ODOR

The water heater may give off a small amount of smoke and odor during the initial start-up of the unit. This is due to the burning off of oil from the metal parts of a new unit and will disappear after a few minutes of operation.

### SAFETY SHUT-OFF

This water heater is designed to automatically shut-off in the event of the following:

1. The pilot flame is extinguished for any reason.
2. The water temperature exceeds 180°F (83°C).

A flame-sensing thermocouple is used to determine if a pilot flame is present and will immediately shut off the gas supply to the main burner and the pilot burner if the flame is absent.

A high temperature limit switch or ECO (Energy Cut Off) is used to shut off the unit if the water temperature exceeds 180°F (83°C). The ECO is a single use switch and requires complete replacement of the entire thermostat. If the ECO should function, the water heater cannot be used until the thermostat is replaced by a qualified service agency. Contact your local dealer for service information.

### **! DANGER**

**DO NOT ATTEMPT TO BY-PASS OR JUMPER THE ECO AS THIS CAN RESULT IN PROPERTY DAMAGE, BODILY INJURY OR DEATH. THIS WILL VOID THE WARRANTY AND RELEASE THE MANUFACTURER FROM ANY LIABILITY FOR ANY INCIDENT RESULTING FROM ELIMINATING THE ECO FROM THE WATER HEATER CIRCUIT.**

### WATER ODOR

Each water heater contains at least one anode rod which will slowly dissipate while protecting the tank from corrosion. Certain water conditions will cause a reaction between this rod and the water. The most common complaint associated with the anode rod is one of a "rotten egg smell" produced from the presence of hydrogen sulfide gas dissolved in the water. **Do not remove this rod as it will void any warranties, stated or implied.** The parts list includes a special anode that can be ordered if water odor or discoloration occurs. This rod may reduce but not eliminate water odor problems. The water supply system may require special filtration equipment from a water conditioning company to successfully eliminate all water odor problems.

### HYDROGEN GAS BUILD-UP

### **! DANGER**

**HYDROGEN GAS CAN BE PRODUCED IN A HOT WATER SYSTEM THAT HAS NOT BEEN USED FOR A LONG PERIOD OF TIME (GENERALLY TWO WEEKS OR MORE). HYDROGEN GAS IS EXTREMELY FLAMMABLE AND CAN IGNITE WHEN EXPOSED TO A SPARK OR FLAME. TO PREVENT THE POSSIBILITY OF INJURY UNDER THESE CONDITIONS, WE RECOMMEND THE HOT WATER FAUCET BE OPENED FOR SEVERAL MINUTES AT THE KITCHEN SINK BEFORE USING ANY ELECTRICAL APPLIANCE WHICH IS CONNECTED TO THE HOT WATER SYSTEM. IF HYDROGEN IS PRESENT, THERE WILL PROBABLY BE AN UNUSUAL SOUND SUCH AS AIR ESCAPING THROUGH**

THE FAUCET AS WATER BEGINS TO FLOW. DO NOT SMOKE OR HAVE ANY

OPEN FLAME NEAR THE FAUCET AT THE TIME IT IS OPEN.