

OPERATING INSTRUCTIONS



WARNING

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



CAUTION

THIS APPLIANCE IS HOT DURING NORMAL OPERATION, AVOID PHYSICAL CONTACT.



CAUTION

DO NOT PLACE CLOTHING OR OTHER COMBUSTIBLE MATERIALS ON THIS APPLIANCE.

DO NOT operate this heater if any part has been under water. Call a qualified service technician to inspect the appliance and to replace any part of the control system or gas control valve which has been under water.

This appliance must be installed and operated only in locations where the potential for physical damage to the appliance is reduced to a minimum. The owner/operator of this appliance must ensure that precautions are taken to protect the appliance from physical damage.

LIGHTING AND SHUT DOWN

Lighting the Heater

- 1 Before attempting to light the heater, smell all around the heater area for gas. Be sure to smell next to the floor because LP Gas is heavier than air and will settle on the floor. Turn on the gas supply to the appliance and check all fittings and connections for gas leaks using a mild soap and water solution. **NEVER use a match to check for gas leaks.** Should a gas leak occur, shut off the gas supply to the appliance immediately. Wait a minimum of five minutes before repairing the leak.
- 2 Use only the fuel intended for this appliance. Check the appliance rating plate for the correct fuel information.
- 3 Depress knob the turn the gas valve knob clockwise to the "OFF" position. See Fig. 1 and Fig. 2 for location of appliance parts.
- 4 Wait a sufficient length of time (at least five minutes) to allow gas which may have accumulated in burner compartment to escape.
- 5 Turn on the main gas supply.
- 6a Depress and turn Control Knob counterclockwise to "Pilot" position and hold for 1-2 minutes. This may take longer to purge air from the supply hose depending on the length of the hose being used.

Depress red spark ignition button to light pilot flame (repeat until pilot lights) and continue to hold Control Knob at "Pilot" position for 30-60 seconds to enable Pilot Light Safety System.

Fully turn Control Knob to "ON" position to light burner.
or...

- 6b To light the pilot, move the lighting hole cover aside (see Fig. 1) and place a lighted match into the hole. Depress the gas valve knob and hold while lighting and observing the pilot burner. Ensure that the pilot burner ignites from the match. Allow the pilot to burn approximately 30 seconds before releasing the gas valve knob. If pilot does not remain lighted, repeat the lighting operation allowing a longer period of time before releasing the gas valve knob.

NOTE: In cases where long runs of gas supply lines have been installed ahead of the appliance, it may be necessary to bleed trapped air out of the supply lines before lighting the pilot. New installations generally require bleed of supply lines. Wait a minimum of five minutes after bleeding the supply lines before attempting to light the heater.

Adjust pilot if necessary as noted under "Pilot Burner Adjustment."

7. Turn the gas valve knob counter-clockwise to the "ON" position (see Fig. 1). The burner will light. Turn knob clockwise until stop for low fire position.
8. **IMPORTANT: DO NOT attempt to adjust the main burner input beyond stop,** for this may cause the pilot and thermocouple to shut down the burner (Fig. 2).

Shut-down instructions:

To turn the heater OFF,

- For short periods of time, turn the main burner off by rotating the gas valve knob clockwise to the "PILOT" position.
- For extended periods of non use, depress knob, turn the appliance completely off by rotating the gas valve knob clockwise to the "PILOT" position, depress the knob slightly, then rotate the knob fully clockwise to the "OFF" position. (Note: For Model 120L, also turn off the gas supply cylinder.)

Pilot burner adjustment:

1. Remove the pilot adjustment cap. The pilot adjustment cap is a slotted screw located in front of the "Pilot" designation stamped on top of valve body just below the gas valve knob.
2. Adjust the pilot key to provide properly sized flame. Rotate the key "clockwise" to decrease or "counterclockwise" to increase flame.
3. Replace the pilot adjustment cap.