

Gas Conversion Instructions

MODELS: 6000C-IFT, 6000C-IFTLP, 6000CL-IFT-S, 6000CL-IFTLP-S, 6000CL-IFT-G, 6000CL-IFTLP-G, 8000C-IFT, 8000C-IFTLP, 8000CL-IFT-S, 8000CL-IFTLP-S, 8000CL-IFT-G, 8000CL-IFTLP-G, 6000CLX-IFT-S, 6000CLX-IFTLP-S, 6000CLX-IFT-G, 6000CLX-IFTLP-G, 6000CLX-IFT-TG, 6000CLX-IFTLPTG, 8000CLX-IFT-S, 8000CLX-IFTLP-S, 8000CLX-IFT-G, 8000CLX-IFTLP-G, 8000CLX-IFT-TG, 8000CLX-IFTLPTG

Conversion Instructions

This conversion shall be installed by a qualified service agency.

Any damaged valve components should not be installed. If a valve or regulator has been dropped or appears to have been modified, the valve or regulator should not be installed.

Conversion Component list:

- Burner Orifice
- Pilot Orifice
- Burner Assembly
- Gas Conversion Plate
- Gas Label (Natural Gas = NG, Propane = P)
- Gas Valve Regulator
- Burner Shield
- Air Scoop

CAUTION: THE GAS SUPPLY SHALL BE SHUT OFF PRIOR TO DISCONNECTING THE ELECTRICAL POWER BEFORE PROCEEDING WITH THE CONVERSION.

WARNING:

This Conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable code and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

Procedure for conversion:

1. Switch control module to OFF mode using selector switch. See Figure 2.
2. Turn off power to module and valve by unplugging 6V transformer from junction box.
3. Turn off gas to valve. Red gas shutoff knob is located on ball valve.

4. Remove the logs from the unit. The grate, base refractory and refractory set do not need to be removed.
5. Using a #20 tamper-proof Torx, remove the regulator and rubber gasket on face of valve. See Figure 1. Disconnect wire lead from module. See Figure 2. Discard both the regulator and gasket.

NOTICE: Selector Switch on module **MUST** be in **OFF** mode before valve regulator lead can be connected or disconnected from valve.

6. Install the new regulator with the new rubber gasket and new screws included in the conversion kit. Be sure the gasket is seated properly. See Figure 1. Connect the wire lead from the regulator to the module. See Figure 2.
7. Using a small screwdriver, slide the switch carefully to adjust the setting on the module to the appropriate gas type. See Figure 2.

 WARNING	
	Fire Risk Explosion Risk Gas Leak Risk
	
<ul style="list-style-type: none">• Rubber gasket must be seated properly on valve face.• Do not install a valve or regulator that has been dropped.	

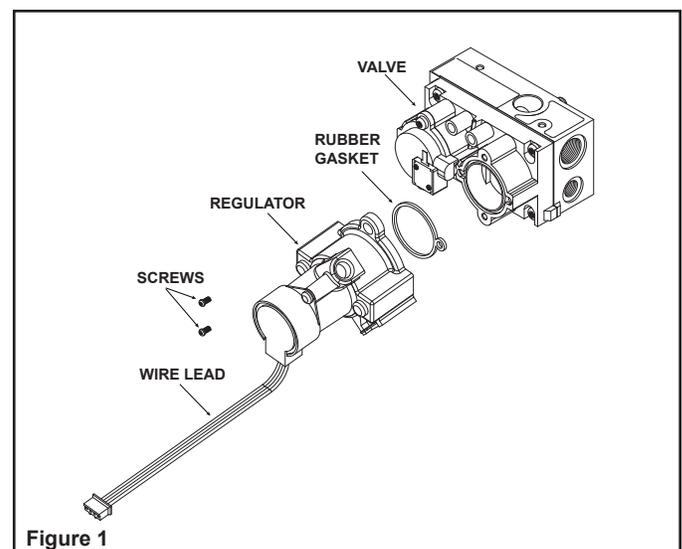


Figure 1

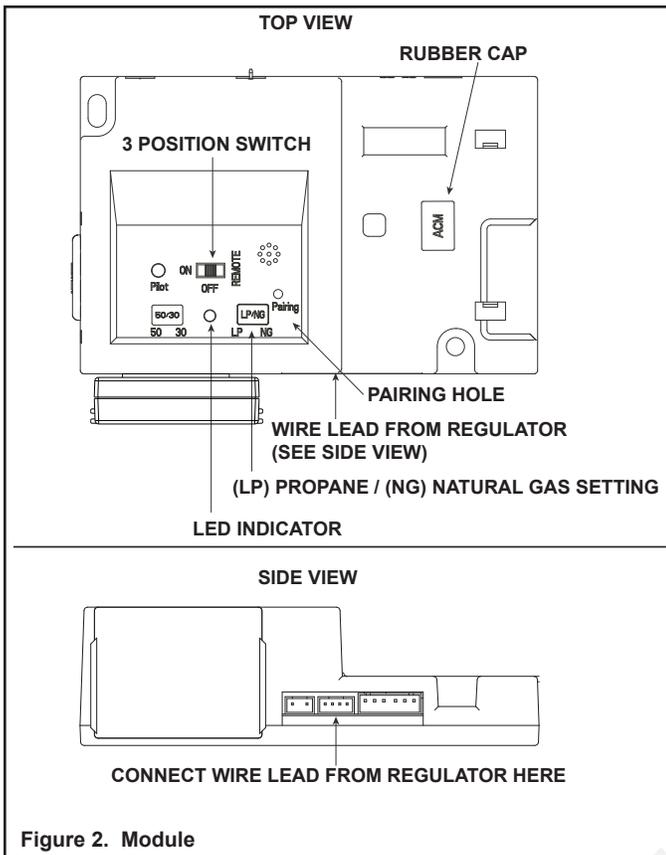


Figure 2. Module

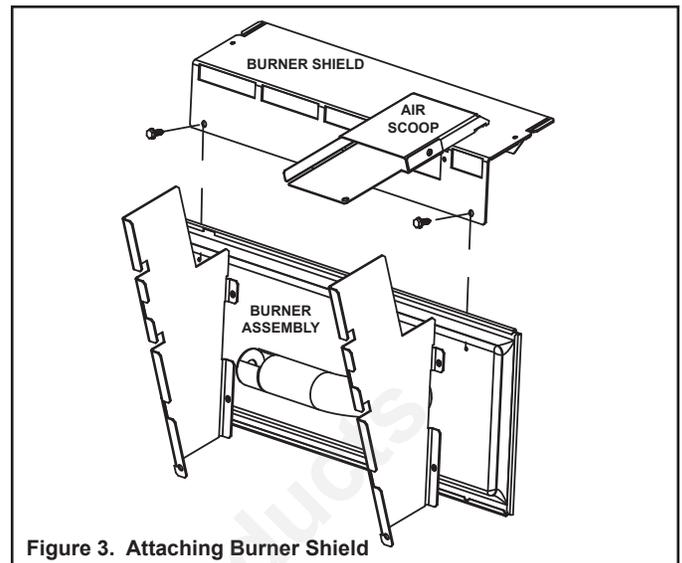


Figure 3. Attaching Burner Shield

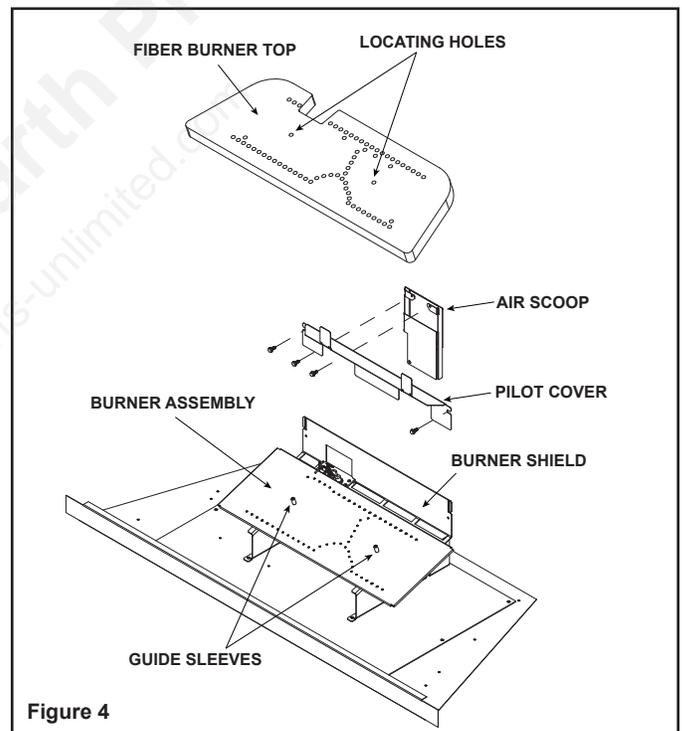


Figure 4

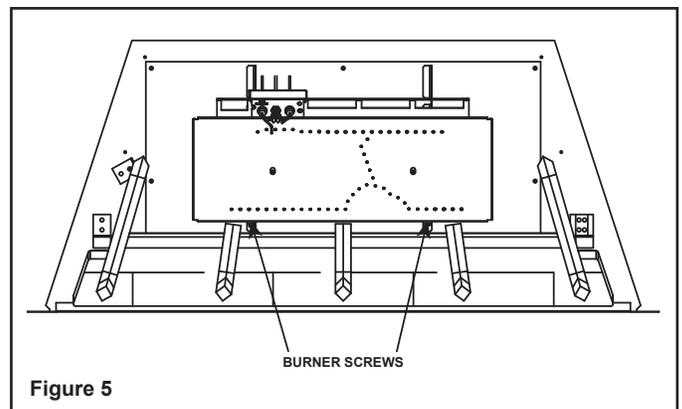


Figure 5

8. Remove the air scoop by removing the two screws that attach it to the pilot cover. Remove the pilot cover by removing the 2 screws. Unscrew the pilot from the burner shield. Push the pilot towards the back of the unit. Remove the fiber burner top by carefully lifting it off the burner assembly. See Figure 4. Remove the burner assembly by removing the 2 screws located between the base refractory and the burner assembly. See Figure 5. Slide the burner to the left and remove the burner assembly.
9. Replace the main burner orifice with the orifice included in the conversion kit. See appliance specification chart on page 4 and page 5 for appropriate orifice size and shutter settings for each gas type.

- Unscrew the pilot tube fitting on the pilot and replace the orifice spud with the similar one included in the conversion kit. See Figure 6.

Note: The qualified service agency installing this conversion must enter the day, month, and year, and sign the gas conversion plate added to this appliance.

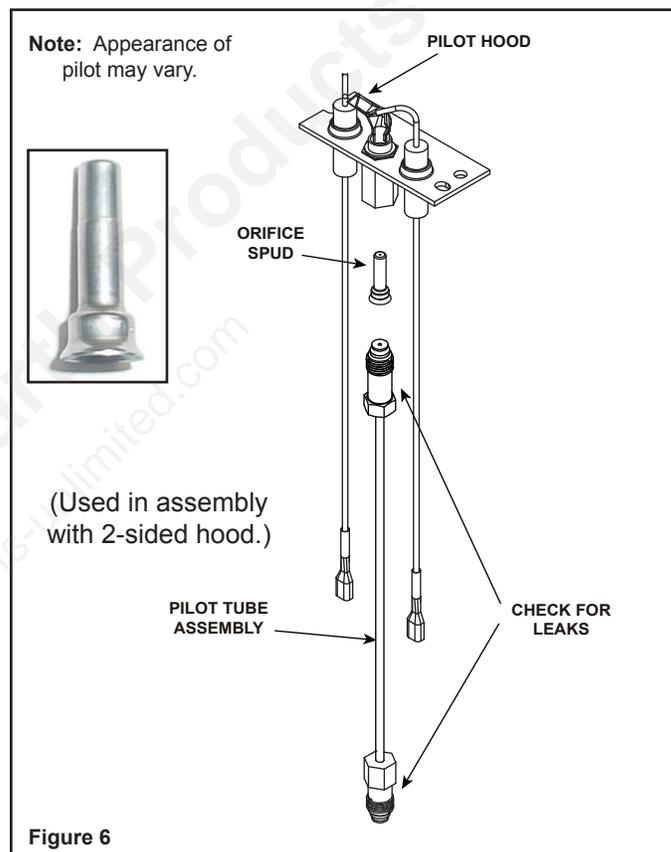
- Place the round (NG or P) label over the existing round (P or NG) label on the bottom base pan. Place the conversion plate adjacent to the existing rating plate.
- Unplug the green wire from valve.

	WARNING
	<p>Shock or burn risk.</p> <ul style="list-style-type: none"> Disconnect green wire from gas valve. <p>Failure to disconnect green wire could result in severe burns.</p>

- Turn on power to module and valve.
- Turn on fireplace with the green wire disconnected from the valve.
- Use a commercially available, noncorrosive leak check solution to test for leaks around the pilot. Be sure to rinse off all leak check solution following testing. See Figure 6 for leak check points. Extinguish the pilot.
- Adjust the burner shutter setting. See Appliance specifications charts on page 4 and page 5 for the appropriate orifice size and shutter settings for each gas type.
- Attach new burner shield, pilot cover and air scoop to the burner assembly with six screws. See Figure 3 and Figure 4.
- Install new burner assembly securing it with two screws. See Figure 5. Reattach the pilot to the burner shield. Install the fiber burner top by engaging the guide sleeves with the locating holes. See Figure 4.

	WARNING
	<p>Explosion Risk</p> <ul style="list-style-type: none"> Pilot must be reattached to burner shield. <p>Delayed ignition or an explosion may occur if the pilot is not attached to the burner shield</p>

- Reinstall green wire on valve. Use a commercially available, noncorrosive leak check solution to test for leaks around the valve regulator. Be sure to rinse off all leak check solution following testing. Relight burner. to test. Turn appliance off to finish reassembly.
- Reinstall logs by following log and refractory placement instructions in the appliance installation manual.
- Reinstall the glass and the doors.
- Verify that the signed and dated conversion plate has been added to appliance.



Verify the performance of the ignition system.

- Turn fireplace on. Verify pilot sparks, pilot lights, pilot stops sparking, and the main burner turns "ON."
- Turn fireplace OFF. Verify that the both the pilot and burner turn "OFF."
- Repeat Step 1 above.
- With burner "ON," remove green wire connected to valve. The main burner should shut "OFF."
- Turn fireplace "OFF" and reattach green wire.
- Repeat Step 1 (above).
- With the main burner "ON", remove orange wire connected to the valve. The pilot and burner should go out.
- Turn fireplace "OFF" and reattach orange wire to the valve.

Natural Gas Appliance Specifications

MAXIMUM **MINIMUM**

- Inlet Gas Pressure: 10.0 in. w.c. 5.0 in. w.c.
- Manifold Gas Pressure: 3.5 in. w.c. 1.0 in. w.c.
- Input Rate:..... See Below

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Input ratings are certified without a reduction of input rate for elevations up to 4500 feet (1370 m) above sea level. Please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4500 feet (1370 m).
- See appliance installation manual for details.

Models	Orifice #	Shutter	BTU Max.	BTU Min.
8000CLX-IFT-S 8000CLX-IFT-G 8000CLX-IFT-TG	30	5/16 in.	45,000	22,000
8000CL-IFT-S 8000CL-IFT-G	31	5/16 in.	40,000	20,000
8000C-IFT	33	1/4 in.	35,000	19,000
6000CL-IFT-S 6000CL-IFT-G	33	1/4 in.	35,000	18,000
6000CLX-IFT-S 6000CLX-IFT-G 6000CLX-IFT-TG	0.124 in.	5/8 in.	40,000	22,000
6000C-IFT	37	1/4 in.	30,000	16,000

Propane Gas Appliance Specifications

- | | <u>MAXIMUM</u> | <u>MINIMUM</u> |
|--------------------------------|----------------|----------------|
| • Inlet Gas Pressure: | 13.0 in. w.c. | 11.0 in. w.c. |
| • Manifold Gas Pressure: | 10.0 in. w.c. | 2.7 in. w.c. |
| • Input Rate:..... | See Below | |

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Input ratings are certified without a reduction of input rate for elevations up to 4500 feet (1370 m) above sea level. Please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4500 feet (1370 m).
- See appliance installation manual for details.

Models	Orifice #	Shutter	BTU Max	BTU Min
8000CLX-IFT-S 8000CLX-IFT-G 8000CLX-IFT-TG	47	Fully Open	45,000	23,000
8000CL-IFT-S 8000CL-IFT-G	49	Fully Open	40,000	23,000
8000C-IFT	50	3/4 in.	34,000	17,000
6000CL-IFT-S 6000CL-IFT-G	51	Fully Open	34,000	20,000
6000CLX-IFT-S 6000CLX-IFT-G 6000CLX-IFT-TG	49	Fully Open	40,000	21,000
6000C-IFT	52	3/4 in.	29,000	17,000