CHALET BURNER KIT
TC36.NGST01

PACKAGE CONTENTS:
• BURNER/GRATE ASSEMBLY PART# TC36.93891ASM
• 11 PCS LOG SET PART# 5098.74613
• 2 EMBER MATERIAL PART# 5096.981.B
• HARDWARE PACKAGE

These instructions are supplementary to the Installation and Operating Instructions supplied with the fireplace and should be kept together. Refer to the Installation and Operating Instructions for proper gas supply, safety requirements and operating instructions.

IMPORTANT: THESE INSTRUCTIONS ARE TO REMAIN WITH THE APPLIANCE INSTRUCTIONS
CONTROL BOX RELOCATION

The gas control system is housed in a control box remote of the fireplace. Flexible conduits attach the control box to the fireplace and house all the plumbing and wiring to the burner.

The control box is shipped inside the firebox and needs to be installed.

1) Insert the inlet box into the opening at the base of the right hand side of the unit as shown in fig # 1 taking care not to damage pilot, plumbing or wires.

2) Install 4 screws from the inside of the firebox to secure the inlet box to the firebox.

3) Install Panel Set (Refer to “Firebox Panel Installation” in the Installation and Operating Instructions manual)

BURNER/GRATE INSTALLATION

A panel set must be installed prior to the installation of the burner/grate assembly. See Installation and Operating Instructions manual for details.

1) Attach the burner/grate assembly to the floor of the firebox with four screws. See fig. # 2.

2) Attach pilot bracket to burner assembly.

3) Connect flex gas line to the manifold assembly and ensure the connection is gas tight.
EMBER MATERIAL

A large bag of ember material is shipped with the fireplace and needs to be installed to ensure optimum performance and flame appearance.

Pull apart the material into ember size pieces (approximately 1" squares) and gently place them into the burner pan. Do not compress, leave it loose for best performance. Fill the burner pan level with the top of the pan at rear, and gradually sloping forward down to the firebox floor at the front, covering both burner tubes. Place remaining ember material outside of the burner pan as desired to cover-up gas lines and brackets.

Note: Ember material placement and amount will affect flame appearance. More ember material results in lower flame height. Add or remove as needed until desired flame affect. Reduce the amount used on Propane models, as too much will create soot.

LOG SET ASSEMBLY

The logs are packaged in a foam pack inside the box and are fragile, and should be handled with care. Unpack and inspect log set. There should be a total of 11 logs. Gas plumbing and vent connections should be completed before proceeding. Position the logs as indicated by the following pictures. Align the center log with the pins located at the center of the grate. Place right log as pictured. Install the left log onto the grate straddling the grate as shown. Install the left end log into the space between the left log and the front of the grate as shown. Place the right end log between the right log and the front of the grate as shown. Place the center floor log in the front middle of the fireplace as shown. Repeat the procedure for the remaining logs on the other side of the unit.
Step 2
Right Log Placement

Step 3
Left Log Placement

Step 4
Left End Log Placement

Step 5
Right End Log Placement

Step 6
Center Floor Log Placement

Log Placement, view from other side
Fig. # 8
Step 7
Right Rear Log Placement

Step 8
Left Rear Log Placement

Step 9
Left Rear End Log Placement

Step 10
Right Rear End Log Placement

Step 11
Rear Center Floor Log Placement

Note: Improper placement of logs may cause sooting on internal parts and glass. The logs may need to be repositioned slightly to avoid excessive flame impingement.
**BURNER FLAME ADJUSTMENT**

The air shutter on the burner tube controls the primary combustion air to the gas burner and is pre-set closed at the factory for natural gas fuel. Some adjustment may be necessary to obtain desired flame and to eliminate carbon deposits. Evaluate flame appearance after the fireplace has reached operating temperature. See Fig. #10 for proper flame pattern. Open primary air if the logs, glass, and firebox have carbon accumulation and/or the flames are long, dark and stringy. The shutter may also be opened to enhance the Ember Material glow and lessen the flame height.

**Caution:** Burner area may be hot! Turn off the fireplace and allow the unit to cool before proceeding.

**To Adjust:** (See Fig. # 11)

1) Open and remove window frame and set aside. See "Window Frame Removal" section found in the Installation and Operating Instructions manual.
2) Remove the log set and set aside.
3) Loosen the screw in the Primary Air Shutter.
4) Rotate the shutter to increase or decrease the amount of primary air.

**Caution:** Proper air shutter setting is a must.

The flame should be just orange and "lazy". It should NEVER be set to create sooting on internal parts and glass.
REPLACEMENT PARTS

ITEM DESCRIPTION ........................................... PART NO.

1 LOG GRATE ............................................. TC36.9381WELD
2 BURNER TRAY SUPPORT SHIELD .... 9369.001
3 BURNER TRAY, FR .................. TC36.9370FWELD
4 SIDE BRACKET, FR ....................... 9370.6
5 MANIFOLD ASM .................. TC36.93711
6 SIDE BRACKET, RR .... 9370.51
7 BURNER TRAY, RR TC36.9370RWELD
9 MANIFOLD FITTING .................. 5019.221
10 ORIFICE, NG ...................... 5022.332.A
11 PILOT SHIELD .................. 9372
12 FIREBOX HEAT SHIELD ........ 9389.02
13 HEAT SHIELD GASKET .......... 9389.5

DESCRIPTION ........................................... PART NO.

LOG SET, COMPLETE ................... 5098.74613
CENTER, #1 (shown in fig.#5) ........ 5098.746121
MIDDLE RIGHT, #2 (shown in fig.#6) 5098.746123
MIDDLE LEFT, #3 (shown in fig.#6) 5098.746122
FRONT LEFT, #4 (shown in fig.#6) 5098.746124
FRONT RIGHT, #5 (shown in fig.#7) 5098.746126
FRONT CENTRE, #6 (shown in fig.#7) 5098.746125

Fig. # 12

IDENTIFICATION NUMBERS