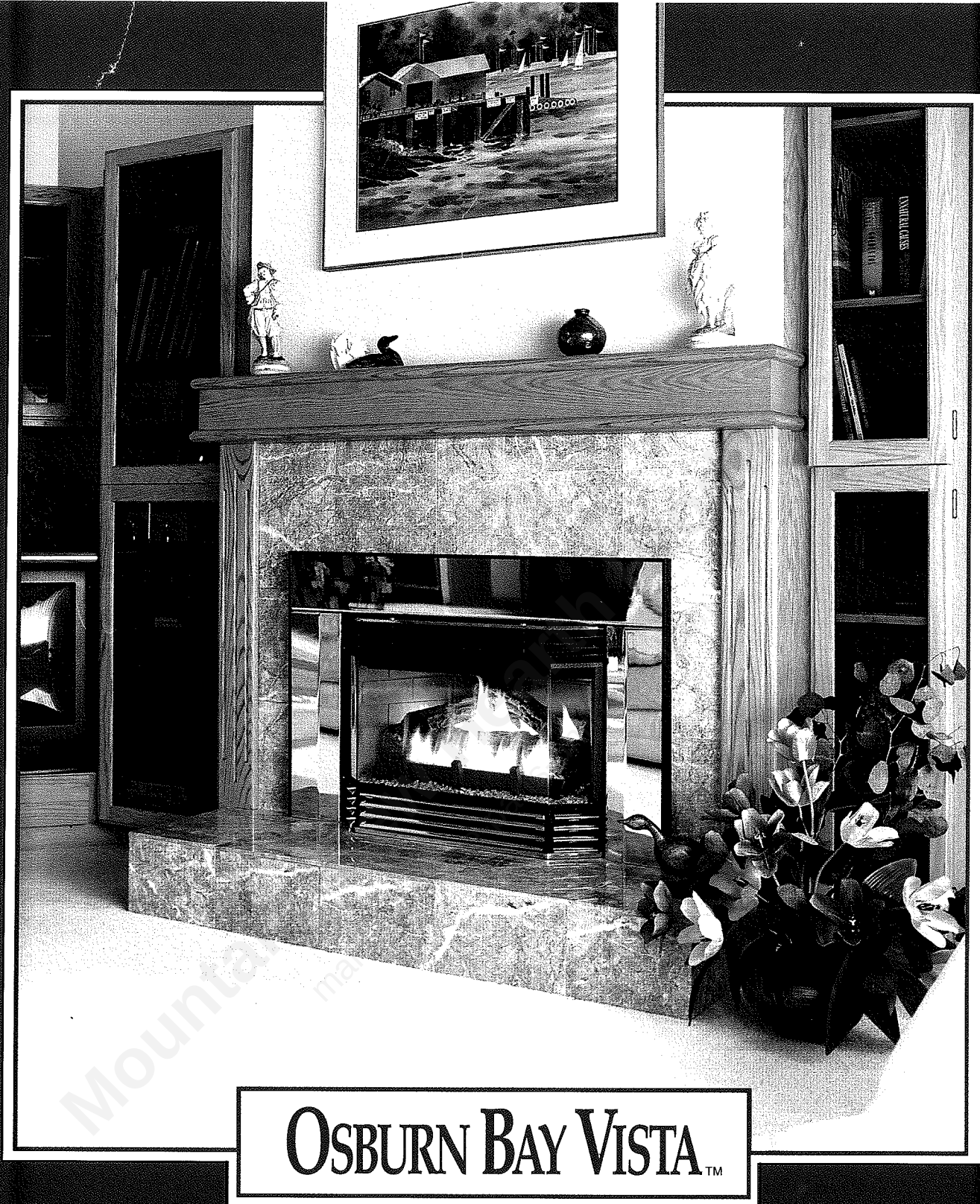




OSBURN BAY VISTA™

The Flame of Desire

This is a real hearth-warmer!
With our Bay Vista, not only can
you take advantage of the
energy-efficiency of gas, you can
enjoy the look and heat of a
wood-burning fire!

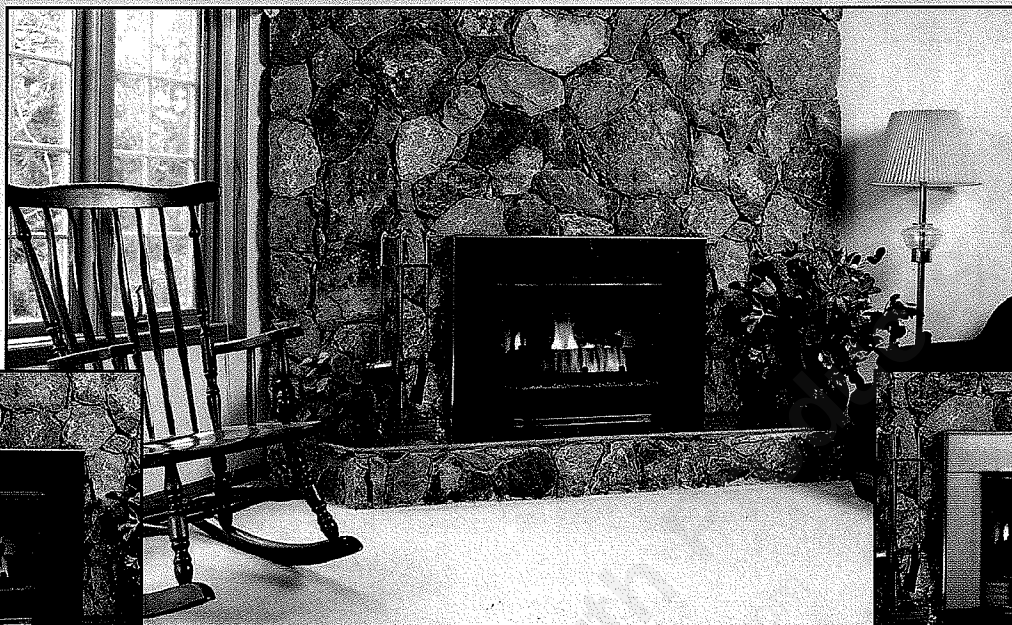


The Bay Vista adds elegance to any
decor. Its distinctive one piece ceramic
glass and captivating flame pattern will
set the aesthetic standard for gas appli-
ances of the future. Only from Osburn
world leaders in combustion technology!

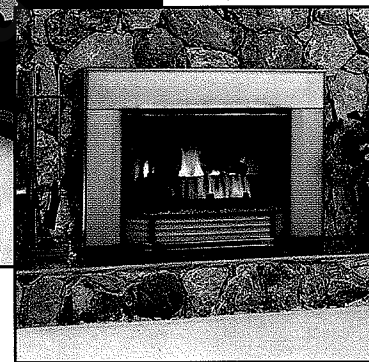
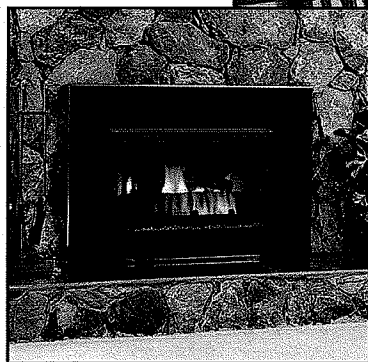
BAY VISTA™ • GAS FIREPLACE INSERT

Beautiful Design for Masonry and Zero Clearance Fireplaces

Forest Green
Trim Package



Ivory Trim
Package



Black Metallic Standard Package
Ebony Trim Package Also Available

Standard Features

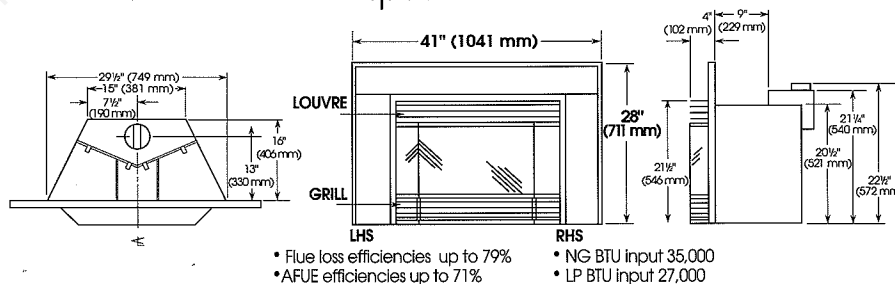
- Distinctive one piece formed ceramic glass
- Warnock Hersey approved to C.G.A. and A.G.A. Room Heater Standards
- Piezo Ignition for electricity-free operation
- Safety shut off switch
- Concealed control panel
- Limited lifetime warranty
- Solidly manufactured of 22 gauge steel
- Double wall construction
- Sophisticated heat exchanger
- Powerful thermostatically controlled blower
- Ceramic fibre refractory
- Four realistic ceramic fibre logs
- Glowing ember material
- On/off rocker switch (faceplate mounted)
- Gold plated top louvre and lower accent trim
- Technologically advanced dual level burner
- Uses outside combustion air
- Removable stainless steel baffle
- C.G.A. and A.G.A. certified variable control valves

Options

- Gold plated grill and faceplate packages
- Baked enamel designer paint finishes on grill and faceplate packages
- Oversized faceplates available
- Zero clearance package
- Millivolt thermostat
- Hand held cordless remote control

A local building or fire official should be consulted concerning restrictions and installations inspection requirements.

Specifications



Some specifications may change from time to time, as Osburn strives constantly to improve its products, to assure you of a top quality product that will function safely and efficiently for years to come. Actual stove colors may vary slightly from printed brochure.

ISO
9002

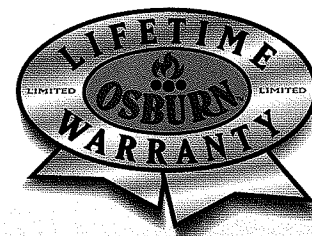
WARNOCK HERSEY



GAS & WOOD
HEARTH SYSTEMS

OSBURN MANUFACTURING
6670 Butler Crescent, Saanichton, B.C., V8M 2G8, Canada
Web Site: www.osburn-mfg.com • E-mail: info@osburn-mfg.com

AUTHORIZED DEALER



TESTING STANDARDS

Osburn Fireplaces are certified to A.N.S.I. CAN/CGA and Australian Gas Association Standards.



PRINTED IN CANADA
10/97

OSBURN BAY VISTA

Gas Fireplace Insert Installation and Operating Instructions



The Flame of Desire

FOR YOUR SAFETY - WHAT TO DO IF YOU SMELL GAS

- * Open windows
- * Extinguish any open flame
- * 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.

WARNING

Do not store or use gasoline, or other flammable vapors and liquids, in the vicinity of this, or any other appliance. Improper installation, service, adjustment, alteration, or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

Please read this manual before installing or using this appliance. Retain this manual for future reference.

ISO
9002

WARNOCK HERSEY
W
H®

OSBURN
GAS & WOOD
HEARTH SYSTEMS

Patents Pending
Made in Canada
12/02/99 BN048

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1.0 INTRODUCTION

1.1 SPECIFICATIONS

TABLE 1 **SPECIFICATIONS**

ITEM	NATURAL GAS (NG)	PROPANE (LPG)
INPUT:	35,000 BTU/hr (36.9 MJ/hr)	27,000 Btu/hr (28.5 MJ/hr)
Flue Loss: EFFICIENCY: Fan off	74.5%	75.0%
Fan on	77.3%	78.5%
OUTPUT: Fan off	26,000 Btu/hr (27.4 MJ/hr)	20,250 Btu/hr (21.3 MJ/hr)
Fan on	27,000 Btu/hr (28.5 MJ/hr)	21,200 Btu/hr (22.3 MJ/hr)
MANIFOLD PRESSURE:	3.5" w.c. (0.87 kPa)	10.5" w.c. (2.6 kPa)
GAS INLET SUPPLY PRESSURE:	Min: 5.0" w.c. (1.24 kPa)	Min: 13.3" w.c. (4.02 kPa)
	Normal: 7.0" w.c. (1.74 kPa)	Normal: 13.3" w.c. (4.02 kPa)
	Max: 13.5" w.c. (3.36 kPa)	Max: 13.8" w.c. (3.44 kPa)
ORIFICE SIZE:	#32 drill (Ø.116") @ 0-4500'	1/16" drill (Ø.0625") @ 0-4500'
CONTROL VALVE TYPE:	Sit 820 Nova	
SHIPPING WEIGHT:	111 lb. (50 kg)	
FLUE OUTLET SIZE:	4"DIA. (102mm)	
FAN:	Variable Speed 120 CFM	

Options: Gold plated and color trim packages
Faceplates and trim kits
Osburn Zero Clearance Kit Assembly

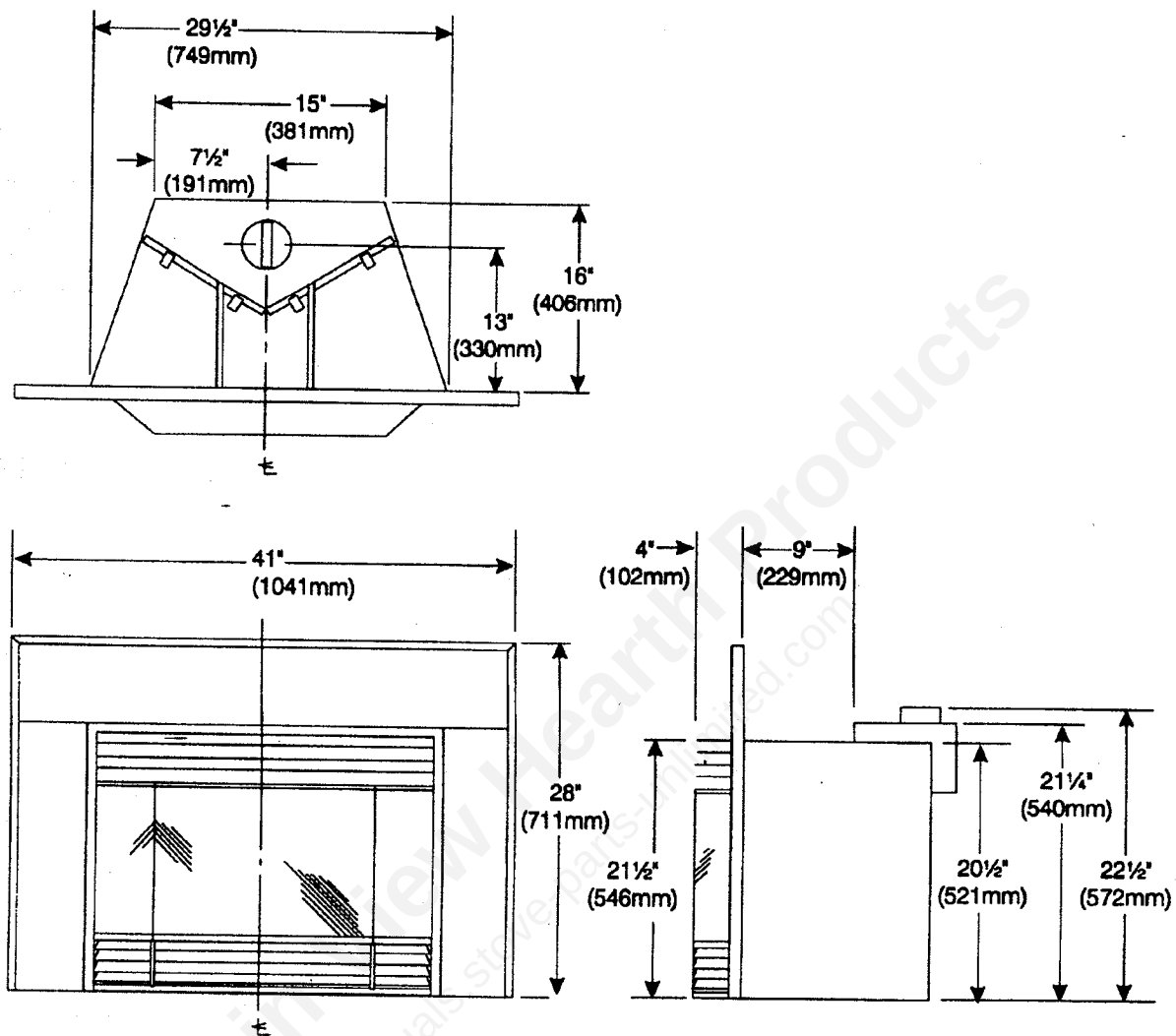


Figure 1 Exterior Dimensions

INSTALLATION CODES

Installation must conform to local codes. In the absence of local codes, installation must conform to the National Fuel Gas Code, ANSI Z233.1 1988, (in the U.S.), or with the current installation code CAN/CGA B149.1-M86 (in Canada). In Australia, the Australian Gas Association installation code for gas burning heaters and equipment must be used. The heater, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electric code ANSI/NFPA No. 70-1990 (in the U.S.) or with the current CSA C22.1 Canadian Electrical code (in Canada).

1.2 FEATURES

Ignition system:

Standing pilot ignition system with thermopile and thermocouple flame detection and piezo igniter.

Gas control:

Gas control valve type:

Automatic millivolt powered combination gas control valve with on/off switch, and variable flame control for convenience. Optional remote on/off switch, optional wall thermostat, and/or optional remote control are available. The gas valve does not require electric power from an external source.

Fan controls:

Automatic/Manual selector switch:

Automatic selection controls fan operation through a heat sensitive switch turning on when the heater is at operating temperature.

Fan speed selector switch:

A three position switch providing high speed, off, and low speed operation.

Safety controls:

A safety switch will shut the system down in the event of any one of the following conditions:

- Loss of pilot flame

- Incorrectly installed vent system

- Blocked stack causing flue spillage

- Flow reversal or sustained downdraft situation

Drafthood:

The appliance is provided with a drafthood design which minimizes the effects of downdrafts or flue blockages on the quality of combustion. It will vent out of the appliance upon downdraft or flue blockage and, by design, it exhausts to the same pressure zone as the combustion air inlet to the appliance.

Optional outside combustion air supply:

The outside combustion air supply damper may be open during operation and closed when the heater is not in use.

1.3 INTENDED USE

This appliance is intended to be used as a heater, when installed as an insert for masonry, or factory built zero clearance fireplaces, which meet the minimum requirements as described in detail in the installation instructions. This heater is also intended to be installed in an Osburn Zero Clearance Kit Assembly. This heater is suitable for installation in bedrooms where the maximum input is within 50 cubic feet per 1000 BTU/hr, (ie. 700 cubic feet for NG, 540 cubic feet for LPG).

1.4 GENERAL SAFETY

This vented heater must be properly connected to a venting system in accordance with local codes. This unit must not be connected to a chimney or flue serving a separate solid fuel burning appliance. It is equipped with a safety control system (vent safety shut-off system) to protect against improper venting of flue products. The heater will shut down if no vent is connected, if the drafthood becomes disconnected, or if there is flue downdraft.

WARNING: Operation of this heater when not connected to a properly installed and maintained venting system, or any tampering with the safety shutoff system may result in carbon monoxide poisoning and possible death.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service technician.

Provide adequate clearances around air openings into the combustion chamber and allow accessibility clearance for servicing and proper operation.

Ensure that the fresh air control is closed, if not connected to an outside air duct.

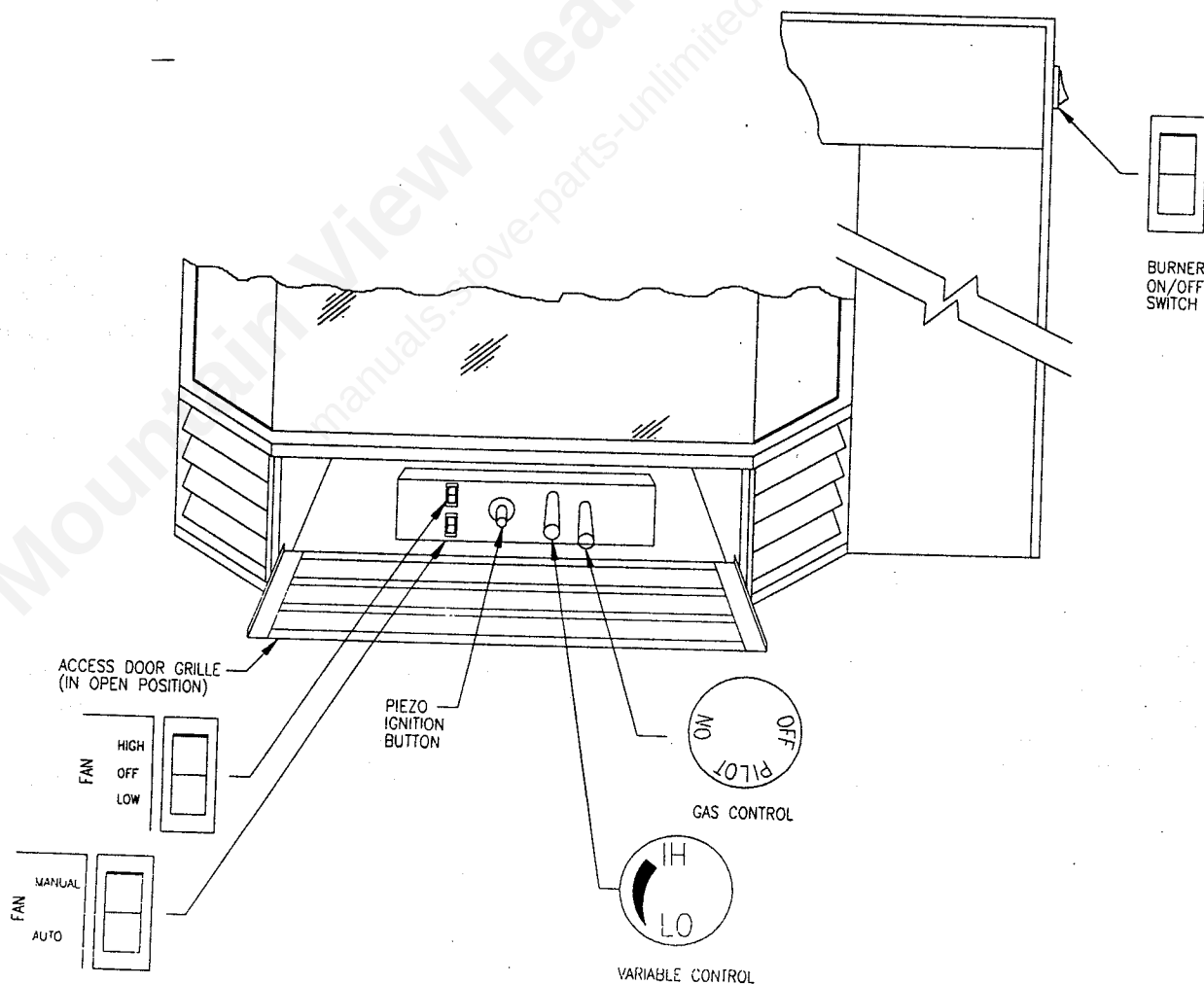


Figure 2

2.0 OPERATION

2.1 OPERATION SAFETY

Inspect the heater before use. Always keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids. Never obstruct the flow of combustion and ventilation air. Keep the front of the appliance clear of all obstacles and foreign materials. Never obstruct or modify the air inlet/outlet grilles of the fireplace in any manner.

Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or contact with hot surfaces. Young children should be carefully supervised when they are in the same room as the heater. Clothing or other flammable material should not be placed on or near the heater.

The glass panel and louvers must be properly installed prior to operation. Never operate the heater with the glass panel off or broken since this may cause dangerous indoor air pollution. This heater is not for use with solid fuel.

2.2 LIGHTING INSTRUCTIONS

FOR YOUR SAFETY, READ BEFORE LIGHTING

- A. This appliance is provided with a standing pilot flame. When lighting the pilot, follow these instructions exactly:

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

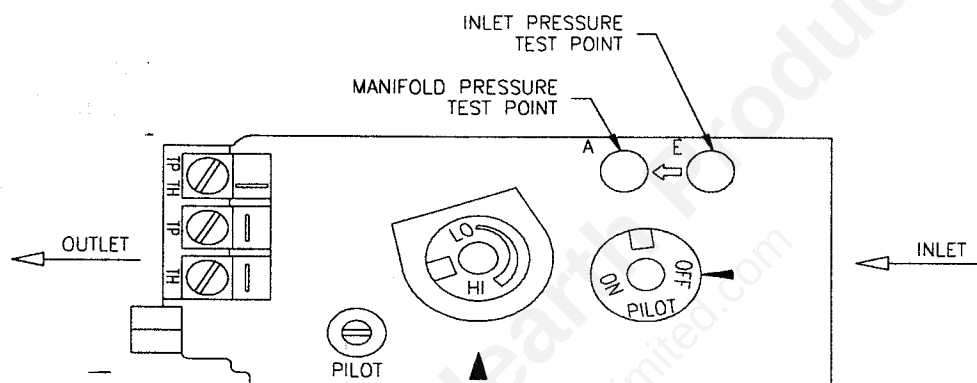
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

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 suppliers 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 turn by hand, do not try to force or repair it, call a qualified service technician. Forcing 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 and to replace any part of the control system and any gas control which has been under water.

LIGHTING PROCEDURE

1. **"STOP!"** Read the safety information in the previous section.
2. Set the thermostat to the lowest setting.
3. Turn off all electrical power to the appliance.
4. Open the access door grille, hinged to open downward, by pulling the top grille toward you.
5. Push in the gas control knob slightly and turn clockwise → to the "OFF" position as shown in Figure 3.



6. Wait a minimum of five minutes to clear out any residual gas. If you then smell gas, **STOP!** Follow "B" in the Lighting Instruction section described on the previous page. If you don't smell gas, go to the next step.
7. Press in the valve knob and turn counterclockwise ← to the "PILOT" position.
8. Push in the control knob all the way and hold it in. Immediately push the piezo ignition button (the red button to the left) repeatedly so that it clicks; continue until the pilot ignites. Maintain pressure on the control knob for about one minute after ignition. Then release the control knob; if the pilot flame goes out repeat step 8; if the pilot flame remains on then turn the valve knob counterclockwise ← to the "ON" position.
9. If the pilot lights, but will not stay on after several tries, turn the gas control knob to the "OFF" position and call your service technician or gas supplier. If the control knob does not pop out when released, **STOP** - shut off the gas supply to the control valve, and **IMMEDIATELY** call your service technician or gas supplier.
10. Close the access door grille by lifting it and allow the springs to pull it closed.
11. If equipped with an on/off faceplate or wall switch, select the "ON" position. If equipped with a thermostat or auxiliary control, set it to the desired setting.

SHUTDOWN PROCEDURE

1. To turn off the main burner only, turn off the wall switch, thermostat, or On/Off switch located on the faceplate. The pilot will remain lit, ready for main burner relighting.
2. For complete shutdown of the appliance, depress the valve control knob and turn it clockwise → to the "OFF" position.

2.3 HEAT OUTPUT ADJUSTMENT

The valve supplied with the appliance has a HI/LO knob to control the heat output and flame height (see Figures 2 & 3).

2.4 FAN OPERATION

The fan control switches are located behind the access door grille assembly and may be adjusted to the following settings:

Automatic or Manual: (lower switch)

When set to automatic, the fan will come on when the unit reaches operating temperature.

High, Off, or Low speed: (upper switch)

When the switch is pushed up, the fan will be on high speed; in the middle position off, and when pushed down, on low speed.

2.5 REMOTE CONTROL OPERATION

An optional hand held remote control kit for turning the unit On and Off, is also available. Detailed instructions for the optional Remote Control are included with the kit.

2.6 OUTSIDE COMBUSTION AIR SUPPLY DAMPER OPERATION (Fresh Air Control)

If outside air is being supplied the damper should be opened during operation and closed when the heater is either not in use, or not connected.

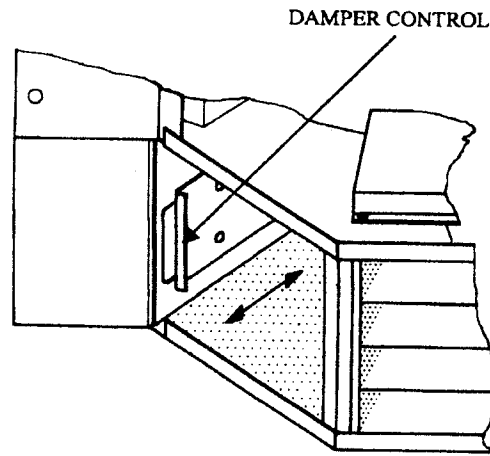


Figure 4 Operation of Fresh Air Control

1. First remove the left hand side grille assembly.
2. To open the damper, slide the damper control towards the rear of the unit (see Figure 4).
3. To close the damper, slide the damper control towards the front of the unit.

3.0 INSTALLATION

3.1 INSTALLATION & SAFETY NOTES

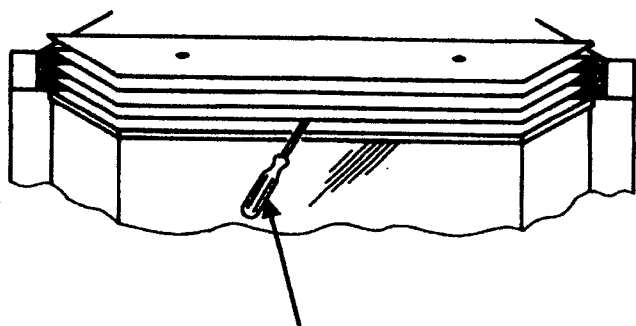
Read all instructions before starting installation and follow them carefully during installation to ensure maximum benefit and safety. Failure to follow these instructions will void your warranty and may present a fire hazard. See the Osburn warranty at the back of this manual for improper installation disclaimers. This fireplace insert and its components are tested and safe when installed in accordance with this installation manual. ***This insert must never be installed in direct contact with combustible construction.***

ELECTRICAL GROUNDING NOTE: This heater fan is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

WARNING: Do not connect 120 VAC to the gas control valve or its wiring, as this will damage the valve.

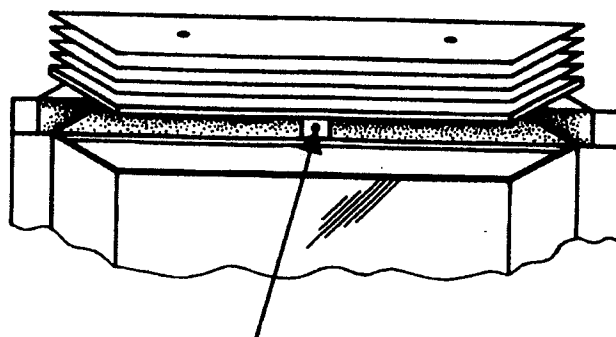
3.2 UNPACKING

The unit is shipped with the logs, vermiculite, and glowing ember wool in separate packages inside the firebox. The three grille assemblies and faceplate assembly with the levelling screws are packaged separately. All other parts of the unit are in place.



#2 PHILLIPS SCREWDRIVER

Figure 5a



LOUVRE SCREW HOLE

Figure 5b

Report to your dealer any parts that may have been damaged in shipment (*specifically check the glass condition*).

The right hand grille will need to be removed from the unit prior to connecting the gas line. The best time to install the internally packaged parts is after connection of the gas line. The louvre assembly and glass panel need to be removed before installation of the vermiculite, glowing ember wool, and logs.

1. Note the position of the louvre assembly before removing. Hold the glass against the unit removing the Phillips screw located above the center of the glass as shown in Figure 5a.
2. Carefully lift the louvre assembly while holding the glass in place as shown in Figure 5b.
3. Gently lift the glass panel with glass edge trims out of the bottom glass retainer. Handle the glass and trim very carefully and set it *in a safe place*, away from traffic areas.

NOTE: THE ONE PIECE GLASS IS VERY FRAGILE AND IS EXPENSIVE TO REPLACE. DO NOT MOVE THE HEATER WITH THE GLASS IN PLACE AFTER THE INITIAL UNPACKING IS DONE.

4. Remove the packaging containing the logs, vermiculite, and glowing ember wool.

3.3 INSTALLATION

In planning the installation for the insert it is necessary to install certain items prior to its final positioning. These include the vent system, the gas piping, and the wiring. The installer must test the appliance before leaving.

NOTE: ALL INSTALLATIONS REQUIRE VENTING.

3.3.1 MINIMUM CLEARANCES TO COMBUSTIBLE CONSTRUCTION

This top venting insert is suitable for installation in masonry fireplaces, in Osburn Zero Clearance Kit Assemblies, or in factory built zero clearance fireplaces which have a gas line knockout and proper floor clearances.

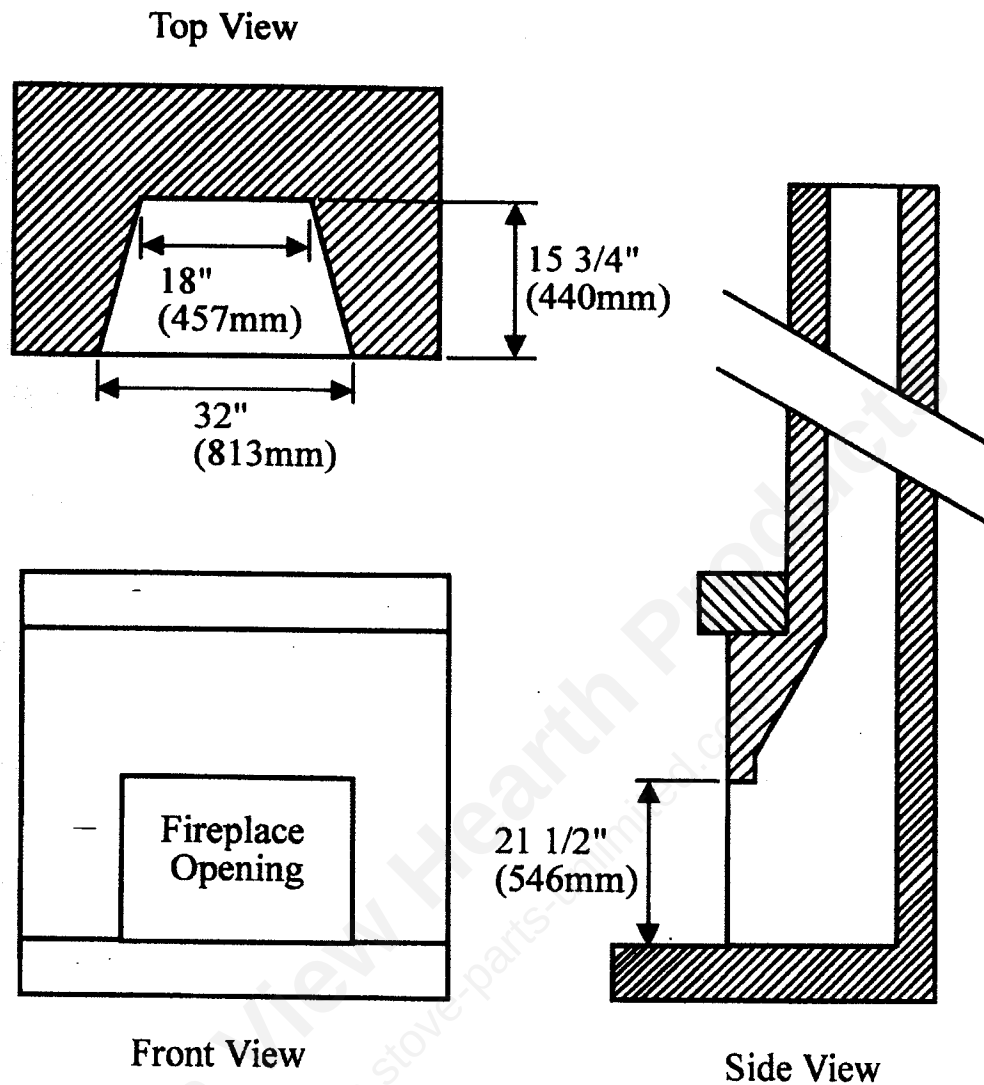


Figure 6 Minimum Fireplace Dimensions

A masonry fireplace must meet the minimum building code requirements or the equivalent for a safe installation.

Inspect the fireplace to ensure the insert will fit (see Figure 6).

Do not modify the unit by removing or altering the spacer so that the insert can fit into a smaller sized cavity.

Factory built zero clearance fireplaces and their chimneys must be certified and meet local code requirements. Both must be free from cracks, blockage, creosote deposits, loose mortar, or other types of deterioration.

Minimum Clearances to Combustible Construction

- A. Sidewall 10" (255mm) measured to glass
- B. Mantle 22" (585mm) to top louvre
- C. Ceiling 40" (1015mm) to top louvre
- D. Facing
- | | | |
|-------|--------------|---|
| sides | 1" (25mm) | to masonry fireplace standard faceplate |
| top | 7.5" (190mm) | to masonry fireplace standard faceplate |
- E. Floor See Figure 7.

NOTE: SIDE MANTLE SUPPORT POSTS MUST BE A MINIMUM OF 43" (1090mm) APART.

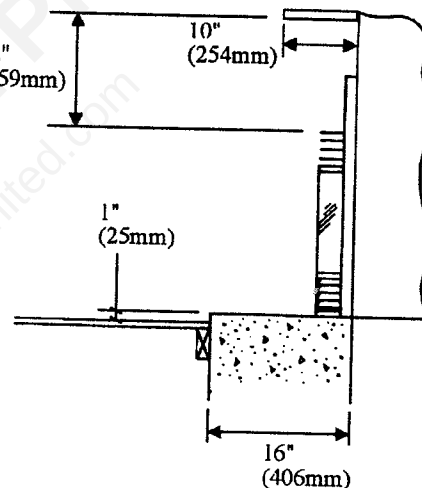
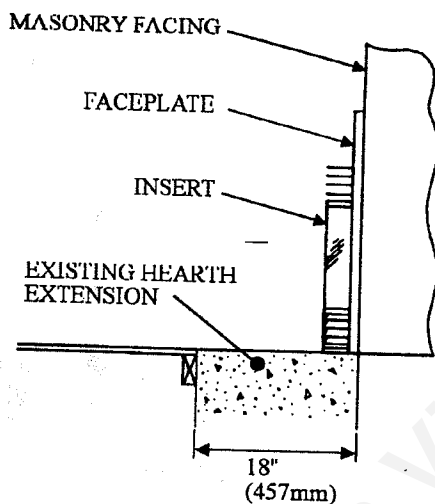


Figure 7a & b

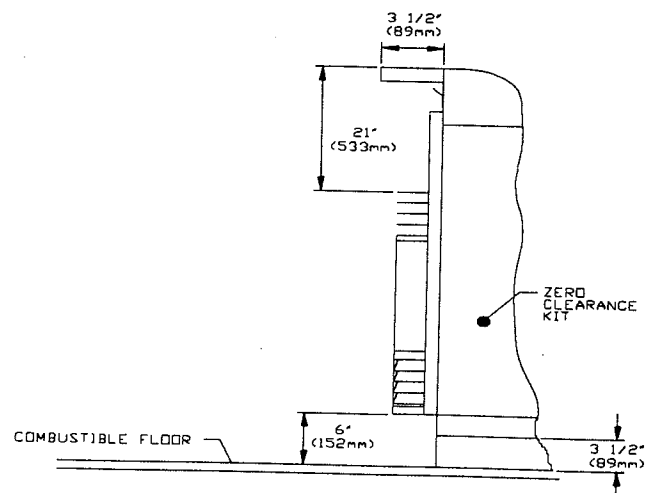
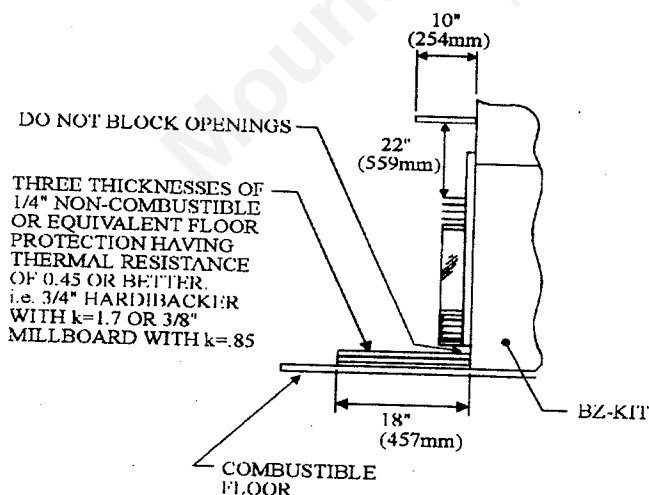


Figure 7c & d

3.3.2 OPTIONAL OUTSIDE COMBUSTION AIR SUPPLY INSTALLATION

Supply a 4" (102mm) diameter flex aluminum pipe or equivalent from the outside preferably to the lower left of the fireplace cavity.

3.3.3 CHIMNEY LINER OR VENT INSTALLATION

Figure 8 shows the completed installation in a masonry or factory-built zero clearance fireplace.

The insert must be connected to a liner suitable for use with gas. The liner must run within the existing chimney from the outlet collar of the draft hood to the top of the masonry or factory built chimney. Install the liner according to the manufacturer's instructions. Use a maximum of 2 offsets (4-45° elbows), or two 90° elbows. Slope horizontal pipe at least 1/4" (6.4mm) rise per foot of run. Horizontal runs should not exceed the vertical rise.

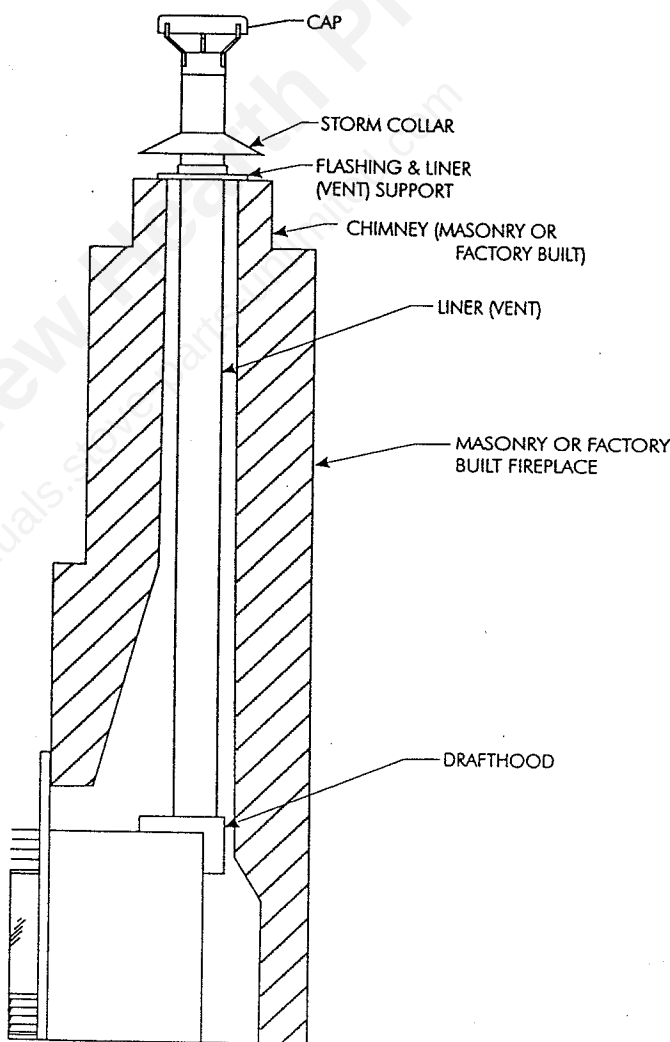


Figure 8

3.3.4 GAS LINE INSTALLATION

Install supply line using flexible gas line such as listed gas appliance connectors meeting CAN/CGA 6.10, AGA 3, ANSI Z21.24 or Z21.45, or any other approved piping method. A qualified service technician should install the gas line in accordance with all local building codes. If codes permit, flex gas line or coiled copper tubing may be used for gas supply.

A plugged tapping is provided on the gas control for a test gauge connection to measure the manifold pressure.

This heater must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.45 kPa).

The heater and its individual shut off valve must be disconnected from the gas supply piping system during any pressure testing of the system at test pressures in excess of 1/2 psig (3.45 kPa).

A plugged tapping is provided on the gas control for a test gauge connection to measure the manifold pressure, as well as a connection for inlet pressure measurement.

Install the gas line as follows:

Install half of a union onto the nipple upstream of the control valve. Run a 3/8" (9.5mm) NPT gas line straight toward the front 12 3/4" - 13" (325-330mm) to the right of fireplace and heater center line is 1/2" (13mm) back from the front facing for masonry and factory built fireplaces, and 3/4" (19mm) from the front facing for zero clearance installations as shown in Figure 9. Connect the other half of the union to the nipple.

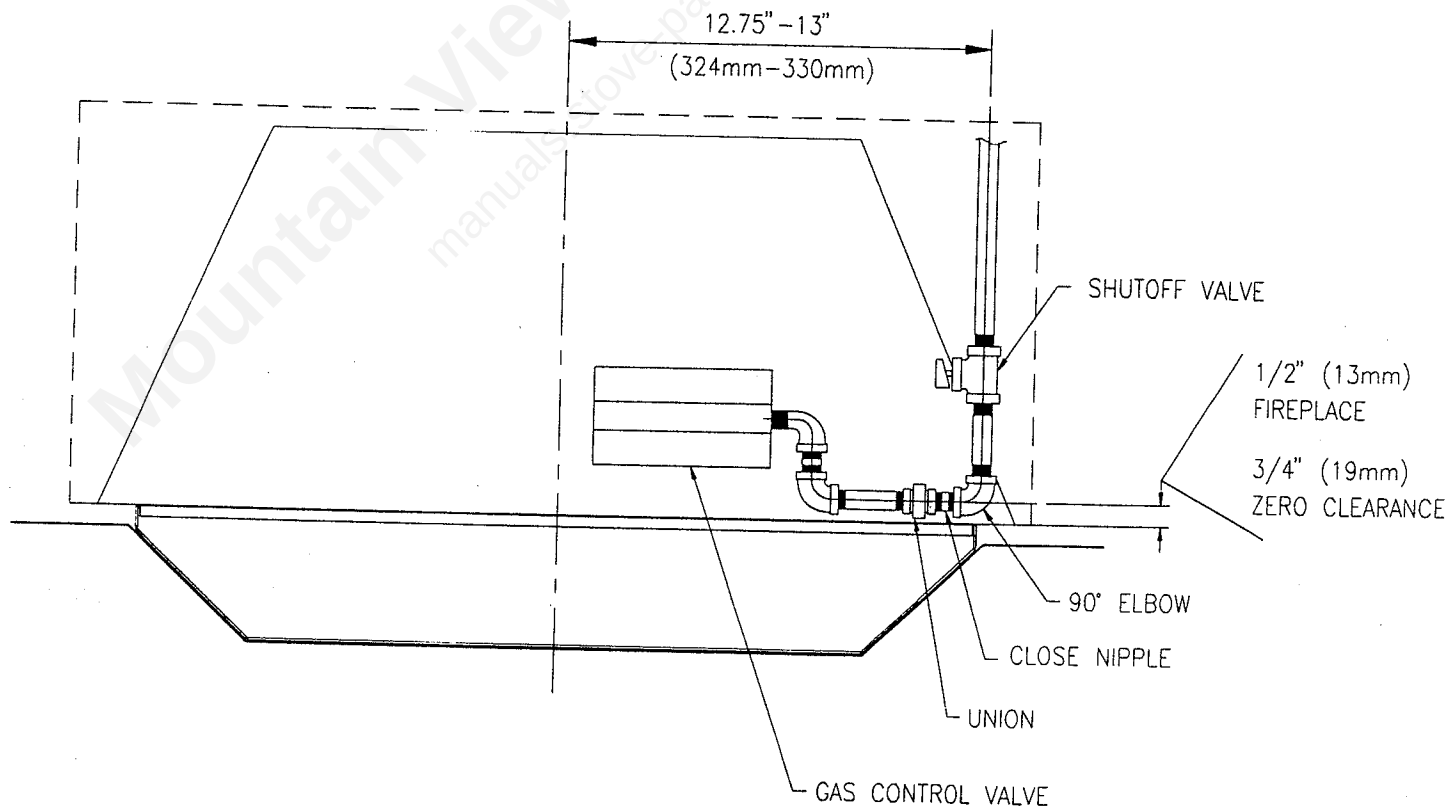


Figure 9

3.3.5 THERMOSTAT, WALL SWITCH, OR REMOTE CONTROL INSTALLATION

The thermostat must be CSA or UL approved. Osburn supplies an optional thermostat. If used, a wall switch may be purchased locally as Osburn does not supply this item.

NOTE: The thermostat or wall switch **MUST** be rated for millivolt use. Minimize splicing in all millivolt wiring & solder all unavoidable splices.

The two supplied blue lead wires that run from the valve of the heater to the right outside are to be connected to a thermostat, wall switch, faceplate switch, and/or remote control.

1. Mount the Thermostat, Wall Switch, or Remote Control Receiver in the desired location and run "**two conductor thermostat wire**" to the heater's lower right hand corner, close to the gas supply line.

Purchase "**two conductor thermostat wire**," which is not provided, at any local supplier. The gauge of thermostat wire will determine the maximum wire length and distance at which to locate the thermostat or wall switch. See Table 2 and the information packaged with thermostat.. Be aware that as wire length increases, the probability of adequate operating voltage decreases.

TABLE 2 THERMOSTAT WIRE INFORMATION

WIRE SIZE		MAX. WIRE LENGTH	
AWG	mm	ft.	m
22	0.6	10	3.1
20	0.8	25	7.6
18	1.0	40	12.2
16	1.3	64	19.5
14	1.6	100	30.5

2. While the heater is being installed and the gas line is connected, attach the thermostat wire to the two blue 1/4" (6.4mm) insulated female spade connector wires. If the heater is being installed in a masonry fireplace, connect the blue wires from the valve to the two wires running from the switch on the right side faceplate brass. This switch may be connected in parallel with a thermostat, wall switch, faceplate switch, or remote control as shown in Figures 10a & 10b.
3. Check tests can be performed on the valve by referring to the trouble shooting guide, Section 5.0.

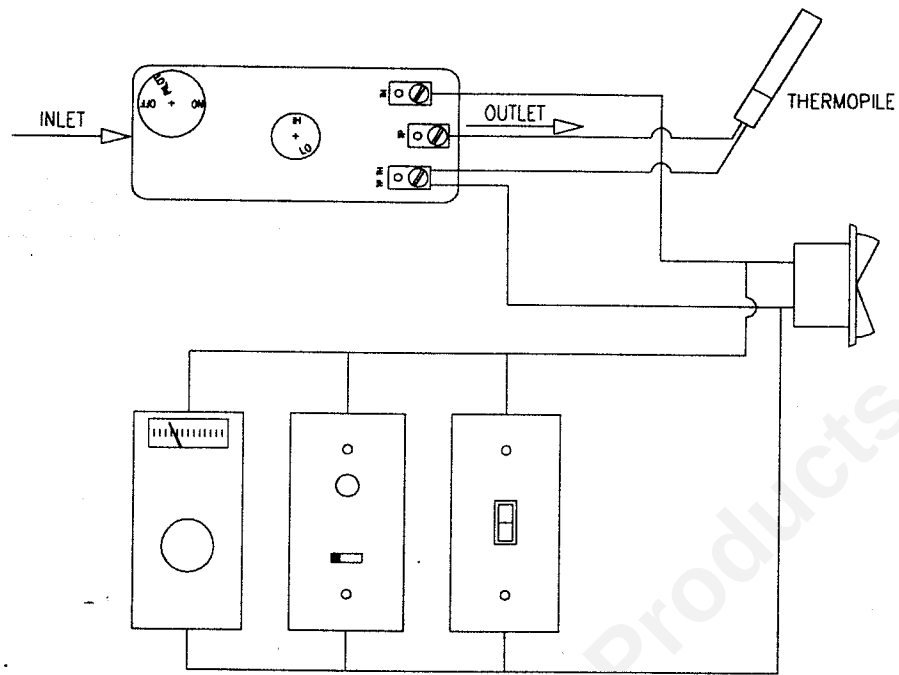


Figure 10a

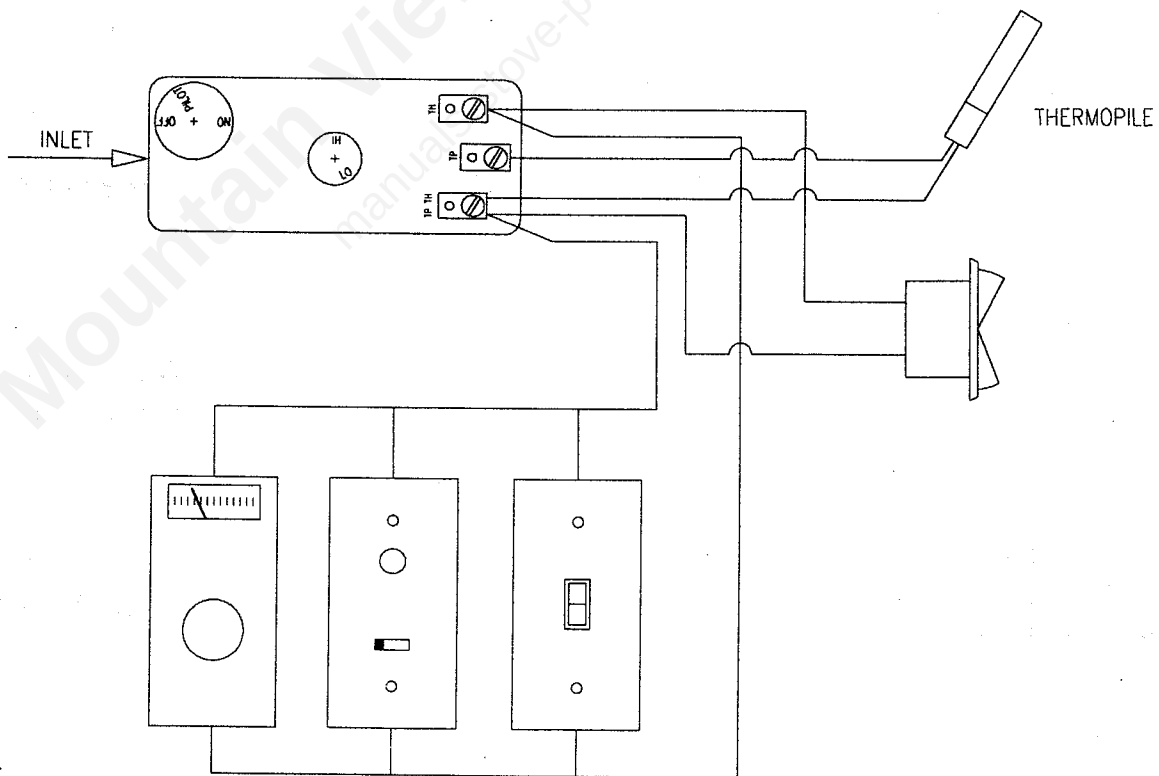


Figure 10b

3.3.6 VENT, GAS LINE, & WIRING CONNECTIONS

Unless easily installed with the insert, install the drafthood first as follows:

1. Disconnect the drafthood from the insert and fit it to the end of the previously installed vent, whether it be flue-liner in an existing fireplace, the flue of the Osburn Zero Clearance Kit Assembly, or the flue-liner in an existing factory built zero clearance fireplace.
2. Wiring:
 - i) Cut the plastic pull-tie which holds the blue wires.
 - ii) Cut the plastic pull-tie which holds the fan power cord to the heater.
3. Four captive nuts are attached to the air jacket bottom.
 - i) Remove the two provided 1/4"-20 screws (4" (102mm) long) from the faceplate package.
 - ii) Turn the screws through the two rear captive nuts to level the unit as required.
4. Push the drafthood up so that it is 21" (535mm) above the hearth or fireplace bottom, and start sliding the heater into the fireplace cavity.
5. Connect the wiring for the thermostat, wall or faceplate switch, or the remote control as noted in #2 of section 3.3.5.
6. For fireplace installation:

Route the fan power cord out the right or left side of the heater as desired. If the fireplace opening is less than 33" wide, trim and round the bottom right or left flange of the heater as needed to allow power cord egress. Route the power cord along the bottom *outside* edge of the heater, not underneath, nor under **any** sharp edges.
7. For zero clearance installation:

Plug the power cord into the 120 VAC electric outlet previously installed in the lower right rear corner of the Zero Clearance Kit Assembly. Tie the power cord so that it does not touch the heater bottom.
8. Push the heater back until the front firebox flanges are 1/4" (6mm) in front of the masonry or factory built fireplace facing, or flush with the zero clearance enclosure. As the heater is pushed back, pull the drafthood positioning strips firmly toward the heater front until the drafthood flange is secured under the top clips of the heater as shown in Figure 11.

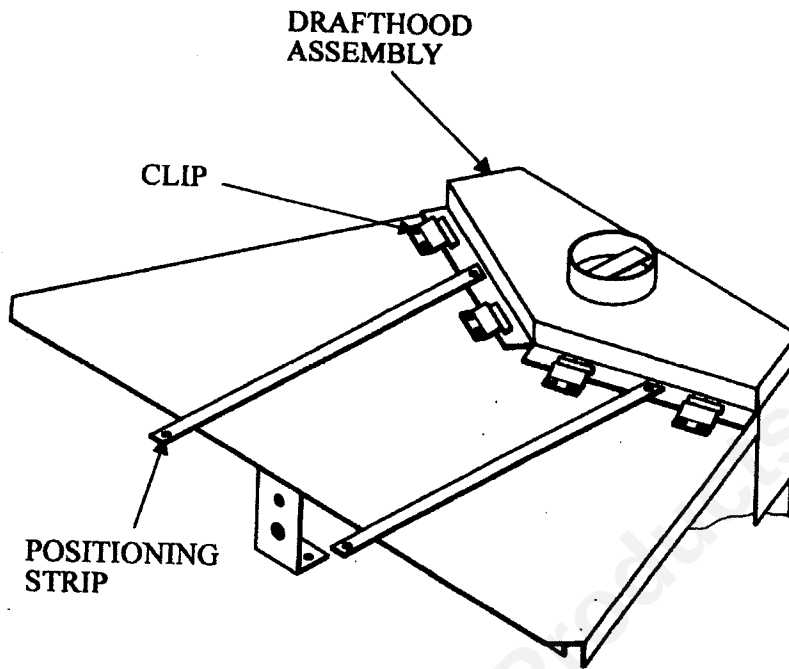


Figure 11 Draft Hood Mounting

9. Bend the strips down over the air jacket top front edge, cut off the excess strip length, and fold the strips under the air jacket top flange.
10. Connect the union of the gas supply line.
11. Purge the gas line of air.
12. Test the gas line for leaks using an electronic gas leak detector or soapy solution.

WARNING: DO NOT USE AN OPEN FLAME TO TEST FOR GAS LEAKS.

3.3.7 FIREPLACE FACEPLATE INSTALLATION

For Zero Clearance Units, install only a standard 28" x 41" (710mm x 1040mm) faceplate. Remove the faceplate panels from the packaging and assemble according to the following instructions:

1. Place the faceplate panels with the finished side down on a flat, soft, nonabrasive surface.
2. Line up the holes of the side and top panels and install the four bolts loosely (see Figure 12a).
3. Line up the edges of the faceplate top and sides, then tighten all four bolts.
4. Assemble the faceplate trim, attaching the mitred corners with the corner brackets (see Figure 12b).

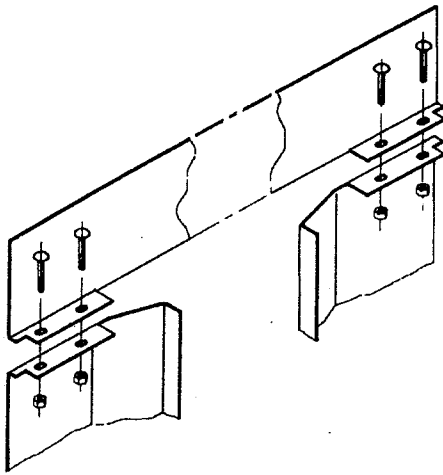


Figure 12a Faceplate Assembly

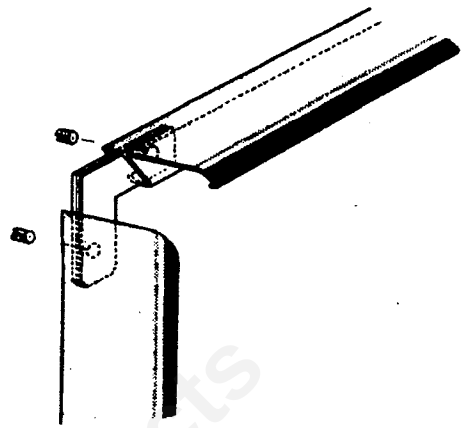


Figure 12b Corner Bracket

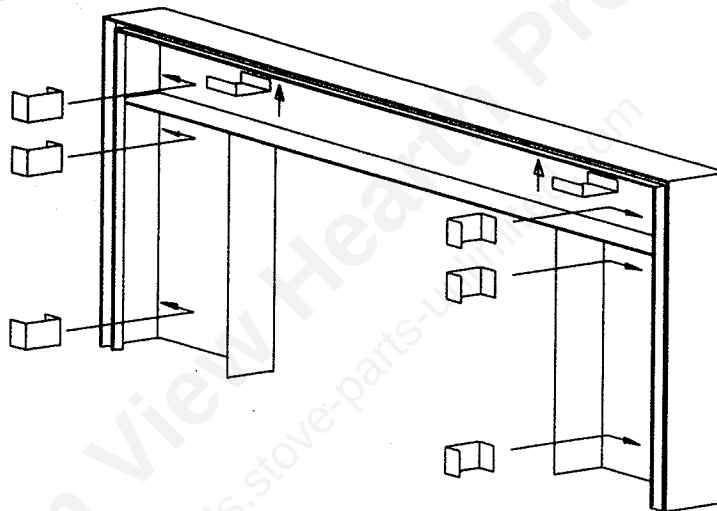


Figure 12c

5. Push the burner switch through the hole in the right hand faceplate trim and connect the two blue wires to the switch connectors (see Figure 13).

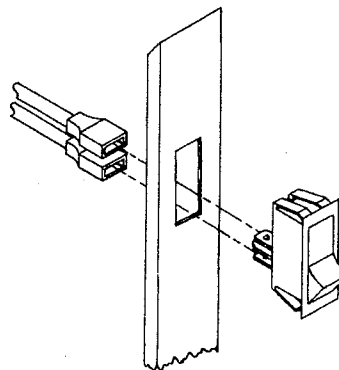


Figure 13 Burner Switch Installation

6. Slip the assembled trim over the faceplate and push the faceplate trim clips between the trim and the faceplate (two on the top edge and three down each side) (see Figure 12c).
7. Lift the faceplate up to the insert and align the faceplate tabs with the retainer clips; then slide the faceplate assembly down into the clips on the insert front.
8. Push the insert into the fireplace opening until the faceplate trim is sealed against the fireplace facing.

3.3.8 FIREBOX COMPONENT INSTALLATION

Installing Logs

Proper log placement is very important. The logs are designed to be installed in only one position so that flames do not impinge on them.

1. Place the front and rear lower logs as shown in Figure 14:
2. Brick panels provide the side to side positioning of the lower logs.

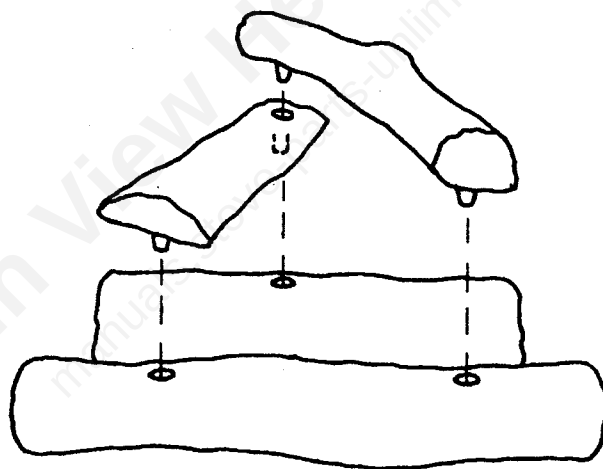


Figure 14 Installing Logs

3. Place the upper left log on top of the two lower logs ensuring that the split log knot is to the rear of the firebox and the alignment knobs fit into the recesses in the lower logs as shown above.
4. Place the upper right log against the rear brick panel, on top of the upper left and front logs, so that it curves toward the rear of the firebox and does not rotate. Ensure that alignment knobs fit into the recesses in the logs (see Figure 14).

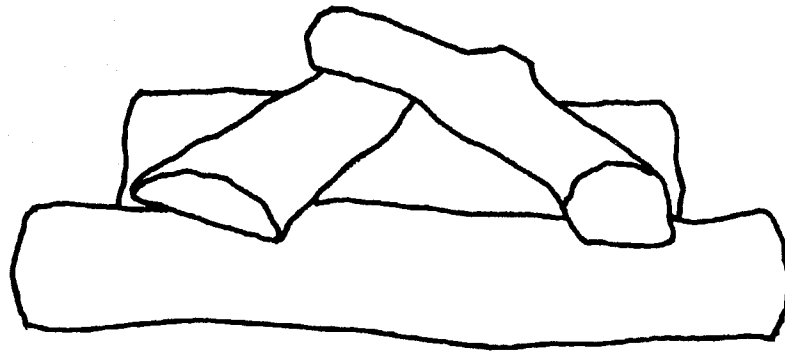


Figure 15 Final Log Position

5. Verify that the placement of the factory installed brick panels and baffle is as follows:
 - * The baffle rear flange should be behind the rear brick panel and the baffle should rest on top of the side brick panels.
 - * The brick panels should be up against the firebox sides and as far back to the rear of the firebox as possible.

Installing Vermiculite

Open the bag of vermiculite and spread it evenly over the firebox bottom, around each side, and in front of the fire grate as shown in Figure 16. Do not obstruct any air holes around the burner. Do not place vermiculite on the rockwool tray, which is located in front of the front lower log.

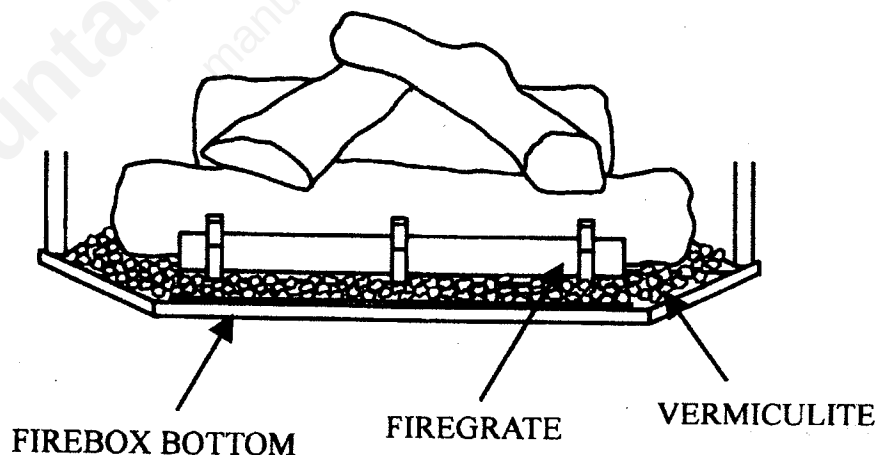


Figure 16 Installing Vermiculite

Installing Glowing Ember Wool

The glowing ember wool should be placed along the rockwool tray located behind the burner as shown in Figure 17 below. Ensure that the glowing ember wool does not block the air space between the rockwool tray and the burner tube. Do not place the wool on top of the burner tube. Any excess glowing ember wool should be used as replacement material during subsequent servicing.

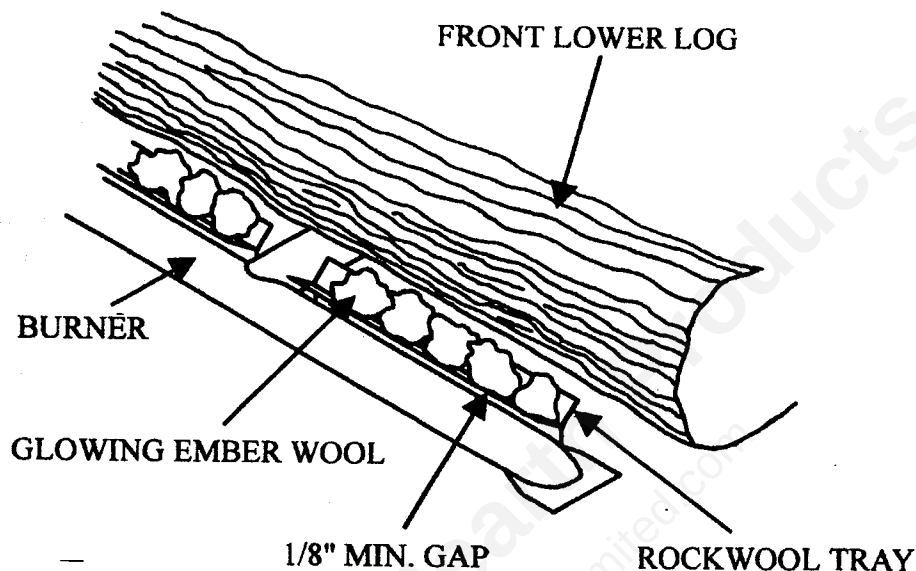


Figure 17 Installing Glowing Ember Wool

Installing The Glass & Louvre Assembly

Before installing the glass, inspect the top glass support gasket, (see Figure 18) to ensure a tight seal between the glass and the heater will be possible. ***Any leakage in the seal will result in combustion products entering the room.*** The top glass support gasket must be in good condition. The front top edge of the firebox and the rear edge of the top glass support ***must be*** straight and free from dents.

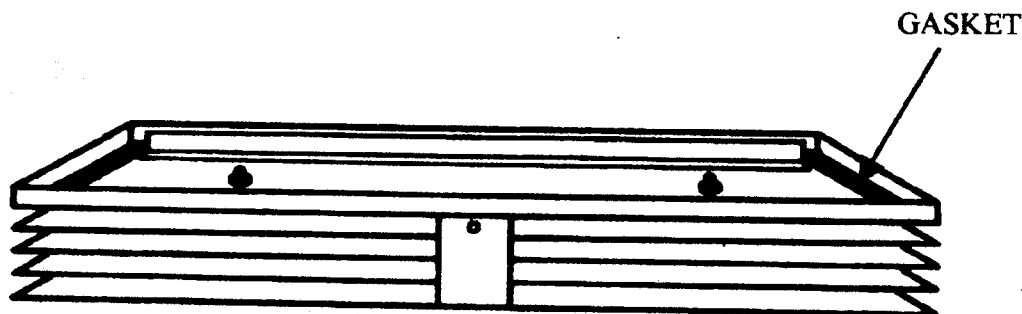


Figure 18 Gasket Inspection

See section 3.2 and follow the reverse of the glass and louvre assembly removal procedure. Push down on the bottom of the louvre assembly to ensure that it is tight to the glass before tightening the louvre assembly mounting screw. After tightening, a precautionary check for leaks can be made using an electronic gas detector or carbon monoxide meter. If necessary inject high temperature (600° F.) silicone sealer up into the right and left corner cavities of the top glass support.

Installing Grille Assemblies

Handle the grilles with care as they may scratch easily. Follow the instructions included with the grille packaging.

3.3.9 INITIAL FIRING

When lit for the first few times, the appliance may emit an odor resulting from evaporation of paint and lubricants used in the manufacturing process. Open a door or window for ventilation. Anyone with a respiratory condition may need to leave the room during the initial firings.

Occasionally, after a cold start, vapor may condense and fog the glass, and the flames may be partially blue. After a few minutes the moisture will disappear and after several minutes the flames should become yellow.

3.3.9.1 MANIFOLD PRESSURE REGULATOR ADJUSTMENT

The manifold pressure regulator controls gas input and flame height, and is preadjusted at the factory. No further adjustment is normally required. Manifold pressure can be verified only.

3.3.9.2 PILOT FLAME ADJUSTMENT

For proper operation, the pilot and main burner flame characteristics must be steady and not lifting off or floating. The top 3/8"-1/2" (10-13mm) of the thermopile should be engulfed by the pilot flame. The pilot flame adjustment should be performed by a qualified service person only. Turn the pilot adjustment screw counterclockwise ← to increase, and clockwise → to decrease the flame.

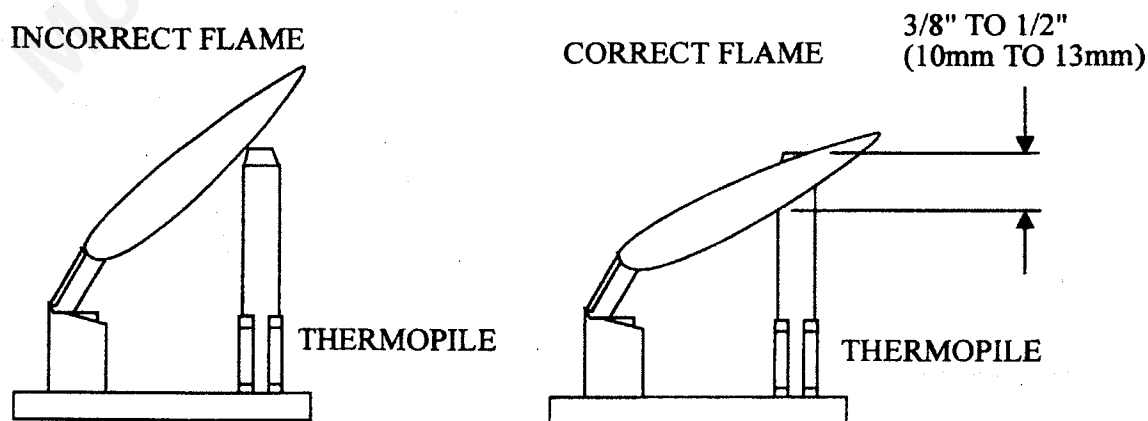
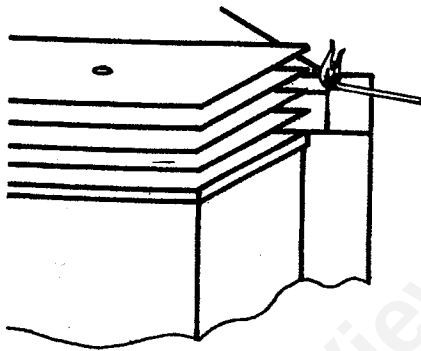


Figure 19 Pilot Flames

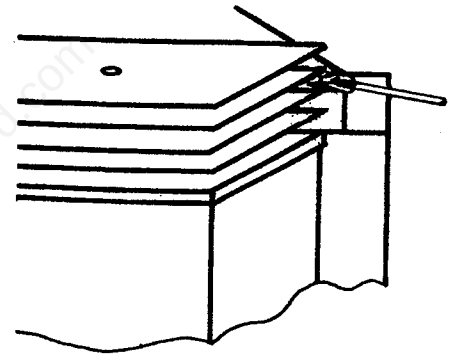
3.3.9.3 FLUE SPILLAGE TEST

A flue spillage test is recommended as part of this installation and should be performed by a qualified service person only. Hereafter, periodically check the vent draft.

1. Close all the doors and windows in the room.
2. Start all the exhaust fans in the home.
3. Light the heater to the full fire position.
4. After five to ten minutes, insert a match under the 2nd louvre as shown in Figure 20, and ensure that the flame wisps and smoke are drawn into the ducts at the front corners.
5. If the flame wisps are not drawn into the ducts, turn the heater off, and determine the cause of the lack of draft. **Do not operate the heater until there is sufficient draft.**



INSUFFICIENT DRAFT



SUFFICIENT DRAFT

Figure 20 Flue Spillage Test

3.3.9.4 ALTITUDE ADJUSTMENT

All valves have been pre-set and certified for installation at elevations from 0 - 4500 feet (1-1370m) above sea level.

When installing this heater at higher elevations, it is necessary to decrease the input rating by changing the existing burner orifice to a smaller size. To adjust the pressure, see section 3.3.9.1. Input should be reduced 4% for each additional 1000 feet above sea level.

To derate the heater for Canada, use Tables 4A, & 4B shown on the following pages or check with the local gas authorities for proper orifice size identification. For the USA, derate the heater from sea level according to the gas installation code.

TABLE 4A**ALTITUDE ADJUSTMENT BY CHANGING
ORIFICE (NATURAL GAS ONLY)**

ALTITUDE up to (ft)	REDUCTION (%)	ORIFICE SIZE	TARGET INPUT	MANIFOLD PRESSURE (in. wc)
4500	-	35	35,000	3.5
5500	4	36	33,600	
6500	8	36	32,200	
7500	12	37	30,800	
8500	16	38	29,400	
9500	20	39	28,000	
10500	24	40	26,600	
11500	28	41	25,200	

TABLE 4B**ALTITUDE ADJUSTMENT BY CHANGING
ORIFICE (PROPANE/LP GAS ONLY)**

ALTITUDE up to (ft)	REDUCTION (%)	ORIFICE SIZE	TARGET INPUT	MANIFOLD PRESSURE (in. wc)
4500	-	53	27,000	10.5
5500	4	53	25,920	
6500	8	53	24,840	
7500	12	54	23,760	
8500	16	54	22,680	
9500	20	55	21,600	
10500	24	55	20,520	
11500	28	55	19,440	

4.0 MAINTENANCE

4.1 MAINTENANCE SAFETY

Turn off the gas to the main burner and allow the heater to cool for up to 30 minutes before servicing. Service and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service technician. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is important that the access door compartment, burner, and circulating air passage-ways be kept clean to provide for adequate combustion and ventilation air flow.

4.2 RECOMMENDED SERVICE

1. Examine the venting system periodically.
2. Visually check the burner and pilot flame periodically. Visually check height and color of flame and see Figure 19 (Pilot Flame) shown in section 3.3.9.2.
3. Clean the glass as needed. See section 4.3 for instructions on glass cleaning.
4. Have the appliance inspected annually by a professional service technician.
5. Clean the appliance periodically.

4.3 GLASS CLEANING

The inside of the glass may require periodic cleaning to remove deposits left from impurities in the gas and combustion air. For best results, use a ceramic glass cleaner or polish. A suitable cleaner is available from your dealer. Avoid the use of ammonia based cleaners such as Windex. Do not clean while hot. Do not use abrasive cleaners.

4.4 CLEANING OF GOLD PLATED SURFACES

Take special care and **DO NOT** use chemical or abrasive cleaners. Wipe only with a soft damp cotton cloth to maintain original brilliance. **CAUTION:** Vigorous wiping may damage the gold finish.

4.5 BURNER & PILOT CLEANING

Periodic cleaning is necessary for proper operation.

1. Refer to section 4.7, remove the burner and check to make sure that the burner orifice is clean.
2. Visually inspect the pilot. Brush or blow away any dust, lint or foreign debris. If the pilot orifice is plugged, disassembly may be required to remove any foreign material from the orifice or tubing. When the appliance is back in service, check the burner flame pattern with the Pilot Flame Figures in section 3.3.9.2. For relighting, refer to the lighting instructions in section 2.2.

4.6 FAN REPLACEMENT & ELECTRICAL SCHEMATIC

1. **Turn off all electrical power to the heater.** Unplug the fan or turn the breaker off.
2. Refer to section 4.7 and remove the firebox components.
3. Remove the fan cover at rear of cavity by removing the three screws.
4. Disconnect the fan wiring, remove the fan assembly, and replace or service it as required.
5. Reassemble in reverse order.
6. See Figure 21 for fan electrical schematic.
7. If necessary, the Fan Thermal Switch behind the right hand grille may be replaced as follows:
 - a. Ensure the fan switches are in the "OFF" and "MANUAL" positions.
 - b. Remove the right hand grille assembly.
 - c. Pull the fan thermal switch mount bracket out from the bottom.
 - d. Disconnect the two wires from the switch.
 - e. Remove the two screws securing the switch.
 - f. Reassembly in the reverse order.

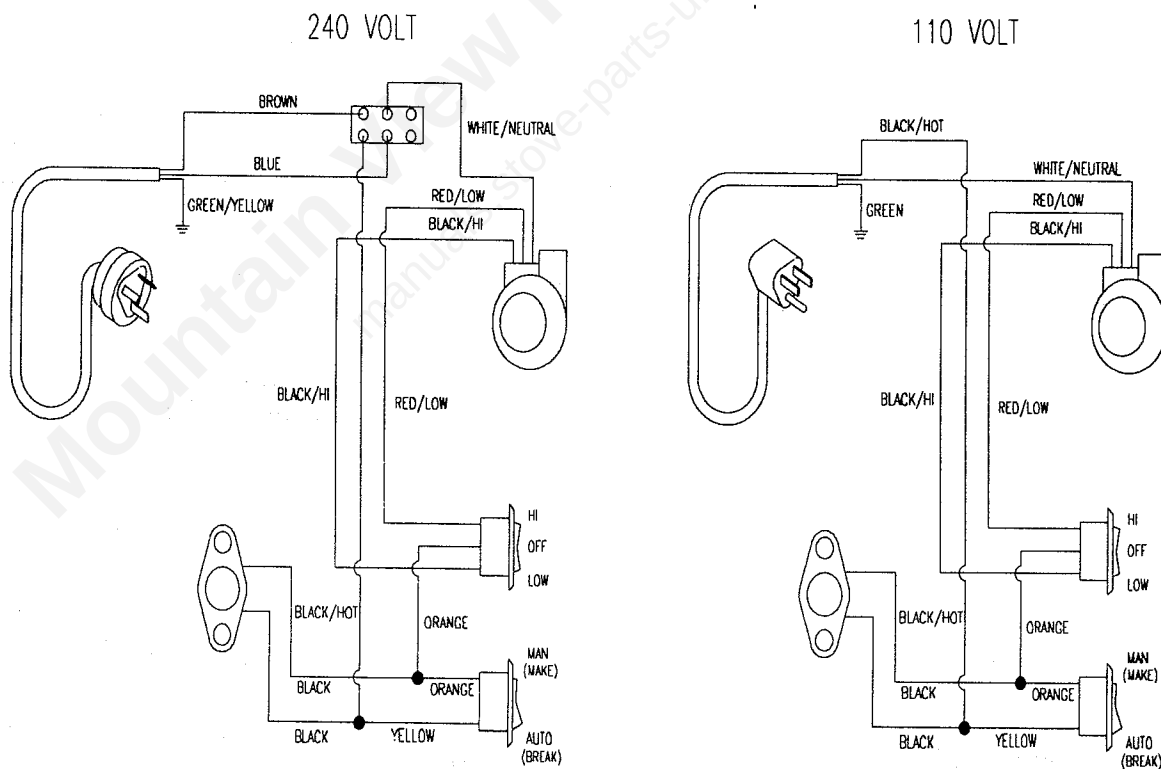


Figure 21

4.7 HEATER DISASSEMBLY & REASSEMBLY

The following procedure is to be performed by qualified service personnel ONLY. Turn off the gas supply and allow the heater to cool for up to 30 min.

Refer to steps 1-3 of Unpacking section 3.2.

CAUTION: The screw located above the top center of the glass just below the louvers, may be damaged if removed while the heater is still hot.

1. Remove the logs, vermiculite, and glowing ember wool.
2. Remove the fire grate.
3. Remove screws 1 thru 4 from the firebox bottom and the front burner duct.

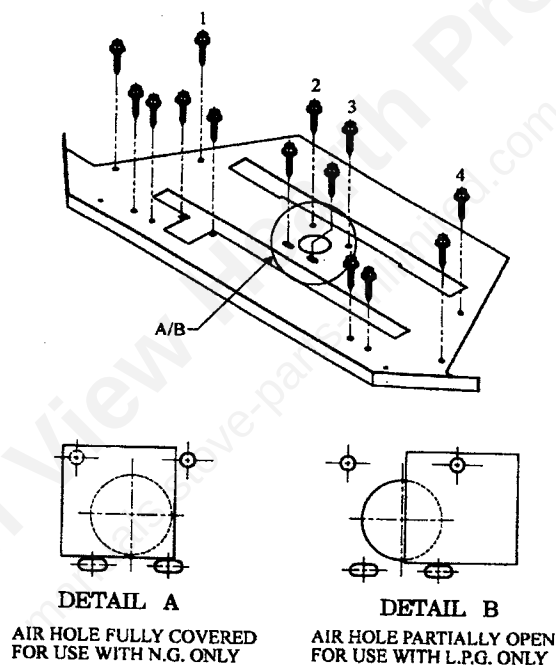


Figure 22 Firebox Bottom Removal

4. Remove the burner by lifting up and sliding it over so that the venturi leg passes through the notch for the pilot assembly.
5. Note the position of the cover plate, and unscrew the remaining ten screws from the firebox bottom (see Figure 22).
6. Pull forward and lift out the firebox bottom and perform required service.
7. Reinstall the firebox bottom.
8. Reassemble the remaining components in reverse order.

5.0 TROUBLE SHOOTING

SYMPTOM

POSSIBLE CAUSE

CORRECTIVE ACTION

I. Pilot will not light after repeated triggering of the red piezo ignition button.

A. *No spark at electrode (weak or no heat source for pilot ignition).*

1. Improper ignition.
2. Poor connections at starter and ignition electrode.
3. Broken ceramic cover on ignition electrode.
4. Defective piezo igniter.
5. Poor grounding of piezo igniter.

1. Align the electrode with 1/8" gap to pilot hood.
2. Reconnect if loose.
3. Replace pilot assembly.
4. Replace piezo igniter.
5. Tighten mounting nut and/or igniter screws.

B. *No gas or low gas pressure*

1. Gas line shut off(s) may not be turned on..
2. No gas supply (LPG).
3. Air in gas lines.
4. Gas lines may not be connected.
5. Low pressure may be caused by bent line.
6. Valve control knob not fully depressed in "PILOT" position.
7. Too narrow diameter of pipe or low line pressure.
8. Pilot adjustment fully closed.
9. Blockage of pilot line or orifice.

1. Turn on shut-off valves.
2. Check propane tank, you may be out of fuel.
3. Purge gas lines.
4. Connect all gas line.s
5. Check for a kinked line.
6. Fully depress control knob.
7. Consult with a plumber (fitter) or your gas supplier.
8. Adjust as required.
9. Check and clean.

SYMPTOM**POSSIBLE CAUSE****CORRECTIVE ACTION****II. Pilot will not stay lit after following the lighting instructions.****A. Thermopile / valve**

1. Weak or improperly located pilot flame.
2. Defective thermopile.
3. Overheated thermopile.
4. Thermopile not installed properly.
5. Open wire connection in pilot circuit.
6. Defective valve

1. Adjust and clean pilot. The flame must impinge on or engulf the thermopile, as shown in Figure 19.
2. Replace thermopile.
3. Provide cooling and make sure no foreign objects are in the way.
4. Make sure all wire connections at the gas valve terminals are tight and the thermopile is fully inserted into the mounting bracket.
5. Check wire continuity and connections in the pilot circuit, including the white wires to the spill switch.
6. Connect the millivolt meter probes to the thermopile terminals on the gas valve. Turn the valve to the "PILOT" position, depress and light. If the meter reading is greater than 250 millivolts after 30 seconds, the thermopile is good. If the pilot does not stay lit, the valve is defective. Check section "B" below, before replacing valve.

B. Defective safety circuit

1. Improperly wired
2. Loose or defective connections
3. Defective spill switch
4. Defective electromagnet power unit (EPU)

1. Rewire correctly
2. Check continuity, tighten wiring or connections and repair
3. Check continuity and replace if defective
4. Check and replace if required

III. Main burner will not light**A. Valve / Switches**

1. Valve control off
2. Blockage at the burner (line, orifice, or ports)

1. Turn to "ON" position
2. Check and clean

SYMPTOM**POSSIBLE CAUSE****CORRECTIVE ACTION****III. Main burner will not light (Continued).****A. Valve / Switches (Continued).**

- | | | | |
|-----|--|-----|---|
| 3. | Defective wall switch or thermostat. | 3. | Conduct a continuity test or jumper wire test and replace if defective. |
| 4. | Defective wiring or connections. | 4. | Conduct a test with a jumper wire and repair as required. |
| 5. | Too long a run with thermostat wire from valve to wall switch or thermostat. | 5. | Reduce wire length to less than 100 feet, or increase wire size. |
| 6. | Wall switch or thermostat incorrectly wired. | 6. | Wire correctly. |
| 7. | Defective remote control. | 7. | Check batteries and replace if required. |
| 8. | Mismatched remote control frequencies. | 8. | Match frequencies. |
| 9. | Defective valve. | 9. | Turn valve and "ON/OFF" switch to the "ON" position. Check with millivolt meter at terminals TP - TH. Millivolt meter should read greater than 100 millivolts. If the reading is OK and the burner does not come on, replace the gas valve. |
| 10. | Thermopile may not be generating sufficient voltage 325 mV. | 10. | Recheck using the millivolt meter. The pilot flame may not be high enough for the flame to properly engulf the thermopile. If so, adjust and retest. If voltage is still insufficient, replace thermopile. |
| 11. | Wall switch, thermostat, remote control, or wires are defective. | 11. | Follow previous corrective action, check switch and wiring. Replace where defective |

IV. Soot deposits on glass.

- | | | | |
|----|--|----|--|
| 1. | Flame impingement on logs. | 1. | Adjust the log set to avoid direct flame impingement. Follow log placement instructions. |
| 2. | Improper venturi setting. | 2. | Ensure the air shutter is wide open. |
| 3. | Vermiculite or ember wool impeding burner. | 3. | Ensure that no foreign material blocks burner flame ports. |
| 4. | Air inlet blocked or restricted. | 4. | Clean air inlets. |

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
IV. Soot deposits on glass (continued).	- Vent system is restricted or inadequate. - Baffle is out of position.	- Conduct flue spillage test and correct flue as required. - Ensure baffle is correctly positioned towards the back of the stove.
V. Flame burns blue and lifts off burner.	- Insufficient combustion air being supplied. - Manifold pressure set too high.	- Ensure that no foreign material blocks air inlets and that the shutter is wide open. Ensure the vent is adequate. - Check and adjust manifold pressure.
VI. Frequent pilot outage problem.	High limit switch is defective or has reached its maximum temperature.	- Allow the unit to cool; then repeat lighting instructions. - If 1A above does not allow ignition, place jumper wires across the high limit switch. If you can re-ignite the pilot, the high limit switch is defective. Do not use the fireplace until the high limit switch is replaced. If the unit does not light with the jumper wires in place, the wires or the connectors may be defective.
VII. Flames impinge on baffle	- Baffle is out of position - Vent system is restricted or inadequate - Manifold pressure set too high	- Ensure baffle is correctly positioned. - Conduct flue spillage test and correct flue as required. - Check and adjust manifold pressure as required.

6.0 REPLACEMENT PARTS

When requesting service or replacement parts for your fireplace, please provide model number and serial number. All parts listed below may be ordered from an authorized dealer.

TABLE 6A

REPLACEMENT PARTS

BAY VISTA INSERT FACEPLATES Includes On/Off switch

DESCRIPTION	PRODUCT CODE
METALLIC BLACK FACEPLATES (includes brass trim)	
Regular (28 x 41)	AF025
Medium (32 x 44)	AF044
Large (32 x 50)	AF063
COLOURED FACEPLATES (includes brass trim)	
Regular (28 x 41) Ebony	AF033
Medium (32 x 44) Ebony	AF052
Large (32 x 50) Ebony	AF068
Regular (28 x 41) Ivory	AF036
Medium (32 x 44) Ivory	AF055
Large (32 x 50) Ivory	AF077
Regular (28 x 41) Forrest Green	AF030
Medium (32 x 44) Forrest Green	AF049
Large (32 x 50) Forrest Green	AF071
GOLD PLATED FACEPLATES (includes anodized black trim)	
Regular (28 x 41)	AF039
Medium (32 x 44)	AF058
Large (32 x 50)	AF074
FACEPLATE TRIM KITS (includes hardware)	
Brass 28 x 41	AF083
Black 28 x 41	AF084
Brass 32 x 44	AF085
Black 32 x 44	AF086
Brass 32 x 50	AF087
Black 32 x 50	AF088

TABLE 6B**REPLACEMENT PARTS**

DESCRIPTION	PRODUCT CODE
BOTTOM GRILLE ASSEMBLIES Includes (2) sides and (1) access door grille Black Metallic Assembly Ebony Assembly Ivory Assembly Forrest Green Assembly Gold Assembly	 BC076 BC078 BC079 BC077 BC080
ZERO CLEARANCE KIT Requires an insert, faceplate and grille assembly Black Metallic Zero Clearance Box	 BZ010
BAY VISTA ACCESSORIES Thermostat, White Rodgers Remote Control	 HE59 HE58

TABLE 6C**REPLACEMENT PARTS**

DESCRIPTION	PRODUCT CODE
MISCELLANEOUS PARTS Grille Springs Faceplate hardware (Excluding Trim) Louvre Assembly Mounting Screw (Brass) Louvre Assembly Mounting Screw Ret. Glowing Ember Package Vermiculite Package Draft Hood - Insert Switch Arm & Spill Switch - Insert\ Stainless Steel Baffle Bottom Trim Strip - Gold	 HM22 AF024 HF34 HF18 BC044 BC043 BN014 BN017 BC042 BC0059
FAN Fan Assembly - Complete to fit	 BC031
MISCELLANEOUS ELECTRICAL ITEMS Thermodisc Fan Snap Disc Fan Switch 2 Position (Auto/Man) Fan Switch 3 Position (Hi/Low/Off)	 HE30 HE24 HE25

TABLE 6D**REPLACEMENT PARTS**

DESCRIPTION	PRODUCT CODE
INDIVIDUAL LOUVRES	
Top Louvre Assembly - Complete	BS018
Louvre - Metallic Black	BC0092
Top Louvre - Gold Plated	BC0093
GRILLE COMPONENTS	
Centre Grille - Metallic Black	BC055
Side Grille - Metallic Black	BC056
Centre Grille - Ebony	BC057
Side Grille - Ebony	BC058
Centre Grille - Forrest Green	BC061
Side Grille - Forrest Green	BC061
Centre Grille - Ivory	BC059
Side Grille - Ivory	BC061
Centre Grille - Gold Plated	BC063
Side Grille - Gold Plated	BC064
CERAMIC GLASS	
One piece bent glass	BC0088
Glass edge trim - black - each (2 per unit)	BC0112
Side and top glass gasket (cut to fit)	BC0084
CERAMIC FIBRE LOGS	
Log Set - Complete	BC045
Top Left Log	BC0096
Top Right Log	BC0095
Bottom Front Log	BC0098
Bottom Rear Log	BC0097
STAMPED METAL BRICK PANELS	
Brick Panel Set - Complete	BC097
Brick Panel - Back	BC0151
Brick Panel - Left	BC0152
Brick Panel - Right	BC0153

TABLE 6E**REPLACEMENT PARTS**

DESCRIPTION	PRODUCT CODE
VALVE ASSEMBLY, NATURAL GAS	BN046
VALVE ASSEMBLY, PROPANE	BN047
THERMOPILE	HG25
THERMOCOUPLE	HG37
PILOT ASSEMBLY, NATURAL GAS (INCL. IGNITER)	HG35
PILOT ASSEMBLY, PROPANE (INCL. IGNITER)	HG36
PILOT GAS LINE & FITTINGS	BC0133
IGNITER, PIEZO	HG04
CABLE, IGNITER	HG38
MAIN GAS LINE & FITTINGS	BC0134
BURNER UNIT NATURAL GAS & PROPANE	BC073
EXTENSION KNOB, ON/OFF	HG43
EXTENSION KNOB, HIGH/LOW	HG44
PILOT ORIFICE, PROPANE	HG51
PILOT ORIFICE, NATURAL GAS	HG52
THERMODISC SPILL SWITCH	HE32
MILLIVOLT SWITCH GOLD CONTACT	HE23
WIRE, ON/OFF (2 PER UNIT)	BN022
BURNER ORIFICE NATURAL GAS	BC0138
BURNER ORIFICE PROPANE	BC0139

8.0 LABEL INFORMATION

DO NOT REMOVE THIS LABEL

WH- 80301

LISTED FAN TYPE GAS FIRED VENTED ROOM HEATER
RADIATEUR \ CIRCULATEUR VENTILE

Ser. No. 80301

Tested to: CAN/CGA 2.17 M91, CAN/CGA 2.1 M86
ANSI Z21.1-1B 1988 & Add. Report No. 6565 (July / 93)

Model: Bay Vista NG LP

Warrock Hersey

WARNING: Improper installation, adjustment, service, or maintenance can cause injury or property damage. Refer to owners manual provided with this appliance. For assistance or additional information consult a qualified installer service agency or the gas supplier.

See installation and operating instructions accompanying appliance. Keep burner and control compartment clean. This room heater needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air. Due to high surface temperatures, keep children, clothing and furniture away.

Do not place articles on or against this appliance. Do not spray aerosols in the vicinity of this appliance while it is operating. Do not store flammable materials near this appliance.

Maintenir propres le brûleur et le compartiment de commande. Voir les instructions relatives à l'installation et au fonctionnement qui accompagnent le radiateur. Pour utilisation avec le gaz naturel.

SPECIFICATIONS ELECTRIQUES 115V, 60HZ, 1A

Par mesure de sécurité, ce radiateur requiert de l'air frais et doit être installé de façon à assurer un approvisionnement suffisant d'air de combustion et de ventilation. A cause de la température élevée des parois, tenir éloignés les enfants, les vêtements et les meubles.

THIS ROOM HEATER MUST BE INSTALLED IN ACCORDANCE WITH LOCAL CODES IF ANY, IF NOT, FOLLOW THE CURRENT CAN/CGA B149.1 AND 2 GAS CODES OR ANSI Z223.1 AND 1A 1987. THIS HEATER MUST BE PROPERLY CONNECTED TO A VENTING SYSTEM. THIS HEATER IS EQUIPPED WITH A VENT SAFETY SHUTOFF SYSTEM.

WARNING: OPERATION OF THIS HEATER WHEN NOT CONNECTED TO A PROPERLY INSTALLED AND MAINTAINED VENTING SYSTEM OR TAMPERING WITH THE VENT SAFETY SHUTOFF SYSTEM CAN RESULT IN CARBON MONOXIDE (CO) POISONING AND POSSIBLE DEATH.

WARNING: IMPROPER INSTALLATION, ADJUSTMENT, SERVICE, OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. REFER TO OWNERS MANUAL PROVIDED WITH THE APPLIANCE. FOR ASSISTANCE OR ADDITIONAL INFORMATION CONSULT A QUALIFIED INSTALLER SERVICE AGENCY OR THE GAS SUPPLIER.

CE RADIATEUR DOIT ÊTRE INSTALLÉ CONFORMEMENT AUX EXIGENCES DES CODES LOCAUX. S'IL N'EXISTE AUCUN CODE LOCAL, SE CONFORMER À LA NORME CANT-B149 EN VIGEUR. CET APPAREIL DOIT ÊTRE CORRECTEMENT RACCORDÉ À UN SYSTÈME D'ÉVENT. CET APPAREIL EST ÉQUIPÉ D'UN SYSTÈME DE SÉCURITÉ AU NIVEAU DE L'ÉVENT.

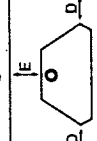
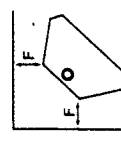
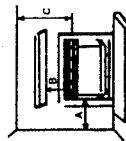
Dégagements minimum des matériaux combustibles - Mesurés du corps principal

Encastré dans des foyers ou installé avec la trousses de dégagement nul d'Osburn:

- A. Mur Latéral 10" / 250 mm à la verre
- B. Manteau 22" / 560 mm
- C. Plafond 40" / 1015 mm

Poêle encastrable:

- D. Mue Latéral 8" / 200 mm
- E. Mue arrière 1" / 25 mm
- F. Coin 1" / 25 mm



Minimum Clearances to Combustible Materials - Measured to Main Body

Installed as an insert for masonry and zero clearance fireplaces or with Osburn zero clearance kit:

- A. Sidewall 10" / 250 mm to the glass
- B. Mantle 22" / 560 mm
- C. Ceiling 40" / 1015 mm

Installed as a freestanding:

- D. Sidewall 8" / 200 mm
- E. Backwall 1" / 25 mm
- F. Corner 1" / 25 mm

Insert suitable for fireplaces with a hearth raised 6" (150 mm) above surrounding combustible floor, and suitable for masonry fireplaces with an 18" (455 mm) hearth extension to a level floor. Refer to manual for reduced hearth requirements.

To be either raised up or installed only with a non combustible floor in front of the appliance. See installation instructions.

Min. framing clearance to sides and back of zero clearance kit - 0 (0 mm) to standoffs. No combustibles permitted above unit for a distance of 60" (1525 mm) above floor. For use with listed flexible gasline connector.

A conversion kit, as supplied by the manufacturer, shall be used to convert this room heater to the alternate fuel. Suitable for installation in bedrooms when installed with a thermostat. See instruction manual.

Convient aux foyers dont l'âtre est surélevé de 6" (150 mm) au-dessus du plancher combustible environnant. Convient pour les foyers de maçonnerie munis d'un prolongement d'âtre de 18" (455 mm) sur un plancher de niveau. Se reporter au manuel pour obtenir les exigences réduites pour les âtres.

A soulever ou installer seulement avec un plancher non combustible à l'avant de l'appareil. Voir les directives d'installation.

Dégagement min. requis en haut, sur les côtes et en arrière du système de dégagement nul: 0 (0 mm). L'installer dans une enclasure A 60" (1525 mm) audessus de plancher. Ne rien mettre dans l'espace situé au-dessus de l'âtre. Pour utilisation avec le gaz naturel et le propane. Une trousses de conversion fournie par le fabricant doit être utilisée pour passer d'un combustible à l'autre.

HL10/BV-001BBA

GAS TYPE / GAZ TYPE	NATURAL / NATUREL	PROPANE
MANIFOLD PRESSURE	3.5" W.C.	10.5" W.C.
PRESSION DE DISTRIBUTION	0.87 KPA	2.6 KPA
INPUT	35,000 BTU / HR	27,000 BTU / HR
ALIMENTATION	36.9 MJ / H	28.5 MJ / H
OUTPUT MAX. (FAN ON)	26,500 BTU / HR	20,700 BTU / HR
PRODUCTION MAX. (AVEC VENT)	27.9 MJ / H	21.8 MJ / H
OUTPUT (FAN OFF)	25,300 BTU / HR	19,500 BTU / HR
PRODUCTION (SANS VENT)	26.7 MJ / H	20.6 MJ / H

PATENTS PENDING
BREVETS EN INSTANCE

OSBURN MANUFACTURING INC.

Made in Canada by:
OSBURN MANUFACTURING, 555 Ardsters Road, Victoria, B.C. V8Z 1C8



GAS & WOOD
HEARTH SYSTEMS

W0
HL80

* FOR OVER 4500 FT. SEE MANUAL

GAS TYPE / GAZ TYPE	NATURAL / NATUREL	PROPANE
MIN. SUPPLY PRESSURE	5.0" W.C.	13.3" W.C.
PRESSION MINIMALE	1.25 KPA	
ORIFICE SIZES	32 OMS	8-825 OMS
TAILLES DES ORIFICES		
ELECTRICAL RATING	115 V, 60 HZ, 1A	115 V, 60 HZ, 1A
AUSTRALIA	240 V, 50 HZ, 0.5A	240 V, 50 HZ, 0.5A
ELEVATION	0 - 4500 FT	0 - 4500 FT
ALTITUDE	0 - 1370 M	0 - 1370 M

8.0 LABEL INFORMATION

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 starter pilot which must be lighted by the piezo starter. 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 electric switch, do not use any phone in your building
- 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 turn 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 and to replace any part of the control system and any gas control which has been under water.

- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above on this label
2. Set the thermostat to lowest setting
3. Turn off all electric power to the appliance
4. Open the control access grill.
5. Push in gas control knob slightly and turn clockwise to "OFF".
NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
6. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to next step.
7. Turn knob on gas control counterclockwise to "PILOT".
8. Push in the control knob all the way and hold in. Immediately push the piezo ignition button (the red button on the left side) repeatedly until the pilot ignites

9. Turn gas control knob counterclockwise to "ON"
10. Close the control access grill
11. Turn on all electric power to the appliance
12. Set thermostat to desired setting

- If knob does not pop up when released, stop and immediately call your service technician or gas supplier
- If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier

HL12/BV-002A

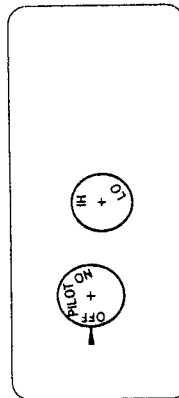
CAUTION: HOT WHILE IN OPERATION. DO NOT TOUCH. KEEP CHILDREN, CLOTHING AND FURNITURE AWAY.

ATTENTION: CHAUD PENDANT LE FONCTIONNEMENT. NE TOUCHEZ PAS. TENIR ÉLOIGNÉS LES ENFANTS, LE VÊTEMENTS ET LES MEUBLES.

HL05 BV-003

TO TURN OFF GAS TO APPLIANCE

1. Set the thermostat to lowest setting
2. Turn off all electric power to the appliance if service is to be performed
3. Open the control access grill
4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force
5. Close the control access grill.



INSTRUCTIONS D'ALLUMAGE ET DE RALLUMAGE

1. Appuyez légèrement sur le bouton de contrôle du gaz, le tourner jusqu'à la position "OFF" (Arrêt) et attendre 5 minutes.
2. Appuyez légèrement sur le bouton et le tourner jusqu'à la position "PILOT" (Veilleuse).
3. Appuyer à fond sur le bouton et appuyer sur l'allumeur piézoélectrique rouge pour allumer la veilleuse, continuer d'appuyer sur le bouton pendant une minute ou jusqu'à ce que la veilleuse reste allumée une fois que le bouton aura été relâché
4. Tourner le bouton de contrôle du gaz jusqu'à la position "ON" (Marche).
5. Allumer l'interrupteur électrique si vous en utilisez un

POUR ÉTEINDRE L'APPAREIL

1. Pour éteindre de façon temporaire: éteindre l'interrupteur électrique si vous en utilisez un, ou tourner le bouton de contrôle du gaz jusqu'à la position "PILOT" (Veilleuse). La veilleuse continuera de fonctionner. L'appareil est prêt à être remis en marche (position "ON").
2. Pour éteindre de façon durable: appuyer légèrement sur le bouton et le tourner jusqu'à la position "OFF".

HL14/BV-002BB

OSBURN BAY VISTA

VENTED FIREPLACE INSERT

- Designed for installation into masonry and factory built fireplaces
- Suitable for bedroom installations

Standard Features

- One piece formed ceramic glass
- Piezo ignition for electricity-free operation
- Safety shut off switch
- Thermostatically controlled blower
- On/Off rocker switch (faceplate mounted)
- Gold plated top louvre and lower accent trim
- Detachable draft hood for easy installation
- 4 ceramic fibre logs
- Double wall construction
- Concealed control panel
- Simulated refractory firebox panels
- Variable flame & heat control

Options

- Oversized faceplates available
- Millivolt wall thermostat
- Gold plated grille & faceplate packages
- Baked enamel paint finishes on grille and faceplate packages
- Zero clearance package
- Hand held cordless remote control

Specifications

- Tested to the room heater standards
- NG BTU input 35,000
- LP BTU input 27,000
- Efficiencies up to 79%
- Minimum enclosure sizing:
 - 30" (762 mm) width
 - 16" (406 mm) depth
 - 20^{1/2}" (521 mm) height