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By SHERWOOD INDUSTRIES

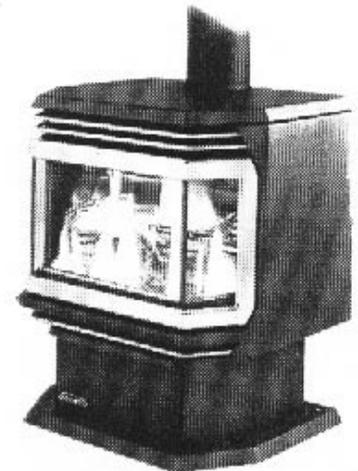
95 Freestanding B-Vent

OWNERS MANUAL

Installation And Operating Instructions For Models:-

ENVIROGAS 95 Freestanding B Vent Natural Gas (EG.95.FS.BV.Nat.)

ENVIROGAS 95 Freestanding B Vent Propane (EG.95.FS.BV.LPG.)



FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS

- Open windows
- 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

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

Do not store or use gasoline or other Flammable vapors and liquids in the vicinity of this or any other appliance.

PLEASE KEEP THESE OPERATING INSTRUCTIONS FOR FUTURE REFERENCE.

SAFETY PRECAUTIONS

FOR SAFE INSTALLATION AND OPERATION OF YOUR "ENVIROGAS" STOVE, PLEASE, CAREFULLY READ THE FOLLOWING INFORMATION:

- All "ENVIROGAS" gas-fired appliances must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the building authority having jurisdiction to determine the need for a permit prior to commencing the installation.
- **NOTE** Failure to follow these instructions could cause a malfunction of the fireplace which could result in death, serious bodily injury, and/or property damage.
- Failure to follow these instructions may also void your fire insurance and/or warranty.

GENERAL

- Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.
- Due to high temperatures the appliance should be located out of high traffic areas and away from furniture and draperies. Children and adults should be alerted to hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
- Young children should be carefully supervised when they are in the same room as the appliance.
- Clothing or other flammable material should not be placed on or near the appliance.

FOR YOUR SAFETY

- Installation and service must be performed by a qualified installer, service agency or the gas supplier.
- This installation must conform with local codes or, in the absence of local codes with the current CAN 1-B

149 installation code in Canada or the National Fuel Gas Code ANSI Z223.1.2 in the USA.

- To prevent injury do not allow anyone who is unfamiliar with the operation to use the stove.
- Always keep the area around these appliances clear of combustible material, gasoline or other flammable vapors and liquids.
- These appliances should not be used as a drying rack for clothing or for hanging Christmas stockings or decorations.
- Due to the paint curing on the stove a faint odor and slight smoking will likely be noticed when the stove is first used. Open a window until the slight smoking stops. Always connect this gas stove to a chimney and vent to the outside of the building envelope. Never vent to another room or inside a building. Make sure you use the vent pipe that is specified. Make sure that the vent is properly sized and is of adequate height to provide the proper draft. Inspect the venting system annually for blockage and any signs of deterioration.
- **Do not operate with cracked or broken glass. Under no circumstances should this appliance be modified. Parts that have to be removed for servicing must be replaced prior to operating this appliance. Only parts supplied by Envirogas should be used in this appliance and replacements should only be performed by a licensed or qualified service person.**
- Never use solid fuels such as wood, paper, cardboard, coal, or any other flammable liquids etc., in this appliance.
- Do not use this heater if any part has been under water. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which has been under water.
- Do not abuse glass by striking or slamming door shut.

TABLE OF CONTENTS

1 Code Approvals	2
2 Specifications	2
3 Assembly Instruction	3
4 Electrical Requirements	4
5 Deciding where to locate your stove	4
6 Gas Line Connection	5
7 Gas Pipe Testing	6
8 Venting	7
9 Installation of Log Sets and Embers.....	9
10 Lighting Instructions	10
11 Routine Maintenance	11
12 Air Shutter Adjustment.....	11
13 Trouble Shooting	12
14 Parts and Accessories	13
15 Warranty	14
16 Installation Data Sheet	15

1. CODE APPROVALS

- Vented Type, designated by the suffix BV, this vent must be vented using certified B-vent vent pipe and may also be vented through conventional chimney with a chimney liner kit.



These appliances have been tested by Warnock Hersey and found to comply with the established standards for GAS FIRED ROOM HEATER and VENTED WALL FURNACES in CANADA and the USA as follows:-

ENVIROGAS 95 VENTED ROOM HEATER (EG.95.FS.BV.Nat. & LPG.)
TESTED TO: ANSI Z21.11.1-1991, CAN 1-2.1M 86.

2. SPECIFICATIONS

ENVIROGAS 95 FREESTANDING B-VENTED MODELS

- have all been certified for use with either natural or propane gases. (see appropriate labeling on control panel label.)
- are not for use with solid fuels.
- are approved for bedroom or bedsitting room.
- must be installed in accordance with local codes
- if any. If none exist use current installation code CAN/CGA B149 in Canada or ANSI Z223.1/NFPA 54 in the USA.
- must be properly connected to a venting system.
- are not approved for closet or recessed installations.

The efficiency rating of this appliance is a product thermal efficiency rating determined under continuous operating conditions and was determined independently of any installed system.

FOR INSTALLATIONS ABOVE 2000 FEET

- In Canada, these appliances are certified for altitudes of 0-2,000' and must be derated by 10% for installation at elevations between 2,000 and 4,500'.
- In the USA, the appliance must be derated 4% for every 1,000' above 2,000' elevations.

ORIFICE SIZES, PRESSURES AND BTU'S	DIMENSIONS:	
	NATURAL	PROPANE
FRONT BURNER:	#48DMS	#59 DMS
REAR BURNER:	#38DMS	#52 DMS
Manifold Press: ("W.C.)	3.5"	10.0"
Min. Manifold Press:	1.8"	6.2
Max. Supply Press:	7.0"	13.0"
Min. Supply Press:	4.5"	10.5"
Max. BTUH Input:	40,000	38,000
Min. BTUH Input:	30,000	30,000

DIMENSIONS:	
Front Width:	25"/63cm
Rear Width:	25"/63cm
Height:	29"/74cm*
Depth:	20"/51cm
Shipping Weight:	256 lbs/116 kg
(*not including vent coupling)	

All models are equipped with a variable output gas control.

CLEARANCES TO COMBUSTIBLES:

A. Side wall to stove	10"
B. Rear wall to stove	4"
C. Combustible to stove Top	58"
D. Floor to stove	0"
E. Corner clearance	2"
F. Alcove depth	48"

Maintain sufficient clearances for service and maintenance

Figure 1

3. ASSEMBLY INSTRUCTIONS

PREPARATION FOR INSTALLATION

- Remove the packaging from the appliance, and check to make sure there is no damage. In the event damage is found, please report it to both the carrier and your dealer as soon as possible.
- Before beginning, carefully check the glass door and the log set. Check to make sure there is no hidden damage to the logs or any other component

ASSEMBLING YOUR ENVIROGAS APPLIANCE

- Open the two hinged side panels, open the door and remove the two wood screws that secure the stove to the pallet.
- Place the stove on its back on the pallet. Pre thread the 4 holes in the base of the stove that secure the pedestal to the stove using the 4 screws, with 5/16 hex washer heads, provided. Place pedestal so that the holes in the base of the stove align with those in the pedestal and secure by hand first. Then tighten with a 5/16 socket wrench.
- Return unit to upright position.
- Remove burner control assembly and tray from its box. Check for damage.
- On LP burners loosen the 2 screws that hold the venturi covers, there is one screw for the front and

one for the back venturi. Loosen sufficiently so you can move the covers after the burner tray is installed in the stove. Do not remove. (See figure 12)

- Install 3/8" elbow (not provided) to valve and install burner control assembly by the following procedures:

- 1) Open the 2 hinged side pannels and open the door
- 2) Remove the 10 screws from firebox bottom (including those holding ember tray shroud)
- 3) Place assembly through the bottom of the firebox making sure that

A-The labeled surface is to the front

B You do not snag any of the wires

C-The assembly rests squarely on the bottom of the fire box.

- 4) Secure burner control assembly and ember tray shroud with the 10 screws previously removed.
- 5) Make all electrical connections as per wiring diagram shown in figure 2.
- 6) The stove is now ready to be connected to the gas supply.
- 7) Install logs as per section 9.

4. ELECTRICAL REQUIREMENTS

The ENVIROGAS EG.95.FS.BV. will operate with no external electrical power supply. These models have a Millivolt gas control which uses the pilot flame to generate enough electricity to operate the main burner.

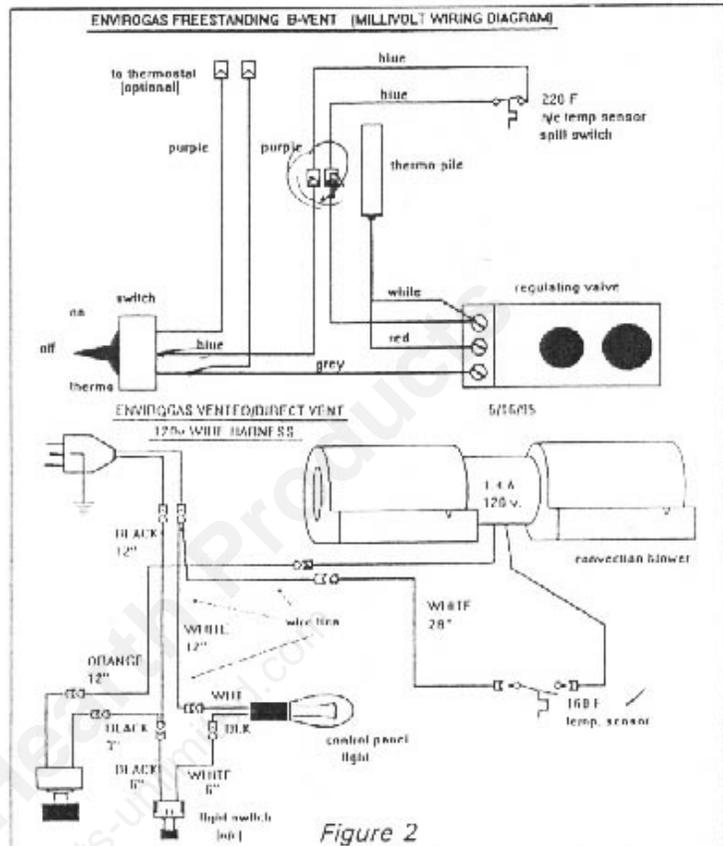
The appliance when installed, must be electrically connected and grounded in accordance with local codes or in the absence of local codes, with the current CSA C22.1 CANADIAN ELECTRICAL CODE, Part 1, SAFETY STANDARDS FOR ELECTRICAL INSTALLATIONS, or THE NATIONAL ELECTRICAL CODE ANSI / NFPA 70 in the USA.

NOTE:

- Operation of the fan increases the efficiency and the heat output of the appliance.
- The Thermostat connects to the two purple wires in the harness.
- Control panel light uses a 7w Max. Replacement bulb.
- If this unit is installed in a mobile home it must be connected to a grounding rod.
- If this unit is installed in a mobile home it must be bolted securely to the floor.

CAUTION

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

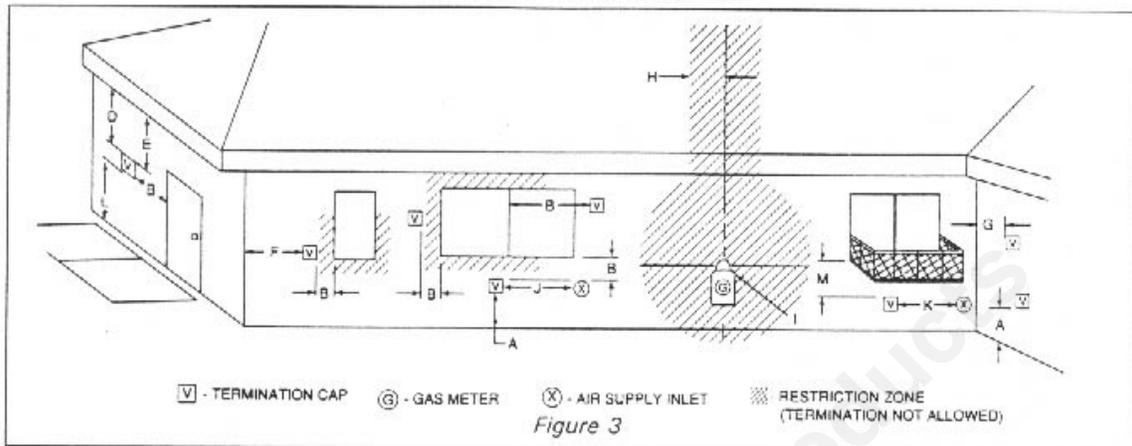


WARNING: Electrical grounding instructions. This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. DO NOT cut or remove the grounding prong from this plug.

5. DECIDING WHERE TO LOCATE YOUR STOVE

1. The stove should be located out of traffic and away from furniture and draperies.
2. This stove should have sufficient access for its safe operation and maintenance.
3. Locate a position where the flue system of the stove can be properly installed without damaging the integrity of the building. e.g. cutting wall or ceiling joists.
4. The stove can be installed on any wooden or noncombustible flat surface extending the full width and depth of the appliance.
5. Check stove and flue system clearance requirements.
6. Locate the stove where it can be accessed by a gas supply line.
7. Locate the stove in a large and open room that is centrally located in the house. This will optimize heat circulation and comfort.
8. As the stove is equipped with a convection fan, ensure that an electrical outlet is within 6ft. (1.8m) of the stove.
9. These stoves can be installed in bedrooms.
10. The flow of combustion and ventilation air must not be obstructed.

PRIMARY INSTALLATION



- A = Clearance above grade, verandah, porch, deck, or [balcony (*12 inches (30cm) minimum)]
- B = Clearance to window or door that may be opened [*12 inches (30cm) minimum]
- C = Clearance to permanently closed window [minimum 12 inches (30cm) recommended to prevent condensation on window]
- D = Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60cm) from the center-line of the terminal 24 inches (60cm) minimum
- E = Clearance to unventilated soffit [18 inches (45cm) minimum]
- F = Clearance to outside corner [12 inches minimum]
- G = Clearance to inside corner [*12 inches minimum]

- H = *Not to be installed above a meter/regulator assembly within 3 feet (90cm) horizontally from the center-line of the regulator
- I = Clearance to service regulator vent outlet [*6 feet (1.8m) minimum]
- J = Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance [12 inches (30cm) minimum]
- K = Clearance to a mechanical air supply inlet [*6 feet (1.8m) minimum]
- L = *** Clearance above paved side-walk or paved driveway located on public property [*7 feet (2.1m) minimum]
- M = Clearance under verandah, porch, deck, or balcony [*24 inches (60cm) minimum **]

*** A vent shall not terminate directly above a side-walk or paved driveway which is located between two single family dwellings and serves both dwelling

** Only permitted if verandah, porch, deck, or balcony, is fully open on a minimum of 2 sides beneath the floor

* As specified in CGA B149 Installation Codes (1991) Note: Local Codes or Regulations may require different clearances

6. GAS LINE CONNECTION

WARNING: Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.

Remove panel at rear of pedestal for ease of connection.

Install 3/8" elbow into valve before placing control assembly into unit as per instructions in section 3 "ASSEMBLY". The appliance requires connection from the valve to the gas supply line, through the hole in the rear of the pedestal.

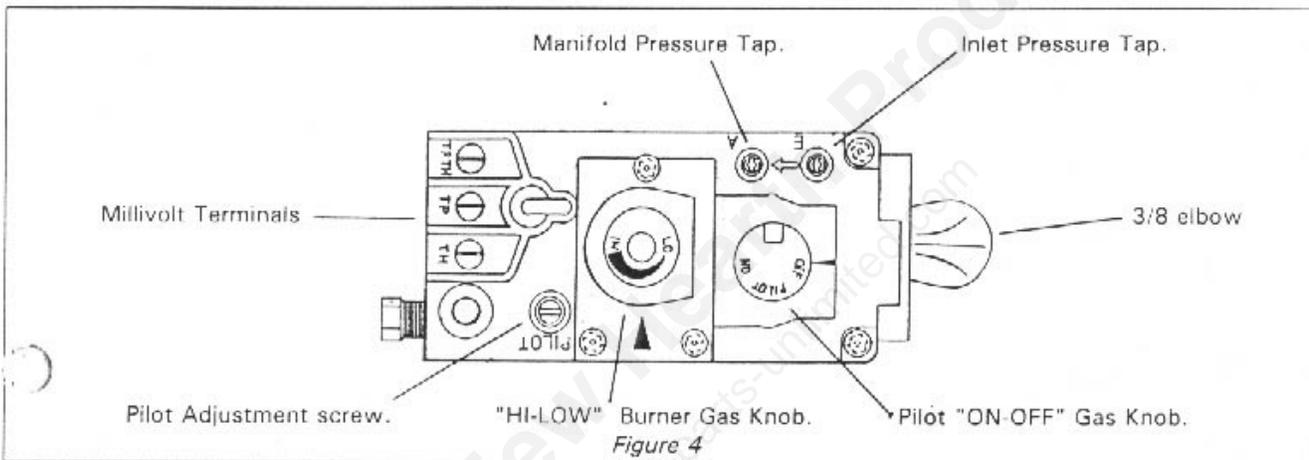
NOTE: The gas line connection may be made using 3/8" rigid tubing or an approved flex connector. Since some municipalities have additional local codes it is always best to consult your local authorities and the CAN/CGA-B149 (1 or 2) Installation Code. For USA gas installations follow either local codes or the current edition of the National Fuel Gas Code ANSI.Z223.1.

UPON CONNECTION MARK APPROPRIATE FUEL TYPE ON WARNOCK HERSEY RATING LABEL LOCATED ON THE INSIDE OF THE RIGHT HAND SIDE PANEL.

7. GAS PIPE TESTING

INLET GAS SUPPLY PRESSURE

	DESIRED PRESSURE	MINIMUM PRESSURE	MANIFOLD PRESSURE
NAT	7.0 in.w.c.	4.5 in.w.c.	3.5 in.w.c.
LPG	11.0 in.w.c.	10.5 in.w.c.	10. in.w.c.



The appliance and its shutoff valves must be disconnected from the gas supply piping system during any pressure testing where the pressure exceeds 1/2 PSIG (3.45 kPa) or damage will occur to the valve.

The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

TO TEST

The pressure taps are located in the top right corner on the valve face (right - inlet, left - manifold pressure).

- Turn set screw counter clockwise to loosen, 2 turns.
- Place 5/16" hose over pressure tap system.
- When finished, release pressure, remove hose & tighten set screw.

Always check for gas leaks with a soap and water solution after completing the required pressure test.

When using copper or flex connectors use only fittings approved for gas connections.

The gas control inlet is 3/8" NPT.

NEVER USE AN OPEN FLAME FOR LEAK TESTING.

8. VENTING

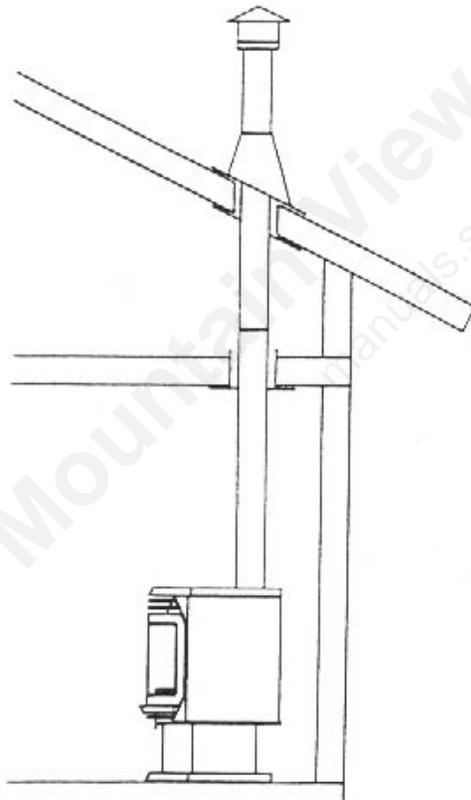
This model must have a vent opening in the rear of the unit. Confirm this and also check that the label on the right side panel door states "Vented Room Heater".

WARNING: THIS APPLIANCE HAS BEEN DESIGNED TO OPERATE BY DRAWING COMBUSTION AIR AND DILUTION AIR FROM THE ROOM. IT IS ALSO DESIGNED TO DRAW ROOM AIR FOR PROPER HEAT CIRCULATION FROM THE REAR OF THE UNIT. BLOCKING OR MODIFYING THE LOUVERS IN ANY WAY CAN CREATE HAZARDOUS SITUATIONS, EITHER THROUGH POOR VENTING OR BY OVERHEATING. IT IS IMPORTANT THAT THIS UNIT HAS SUFFICIENT AIR CIRCULATION FOR PROPER VENTING AND COMBUSTION THUS PROVISIONS MUST BE MADE FOR THE SUPPLY OF ADEQUATE COMBUSTION AND VENTILATION AIR.

THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

a. USING AN EXISTING CHIMNEY

- Measure the height of the chimney beforehand and purchase the appropriate kit. Never attempt to over stretch a flexible liner to accommodate the height of the chimney.
- Any flue damper must be removed or locked permanently in the open position.
- The chimney must be clean, in good working order and constructed out of non-combustible materials.
- Make sure that all chimney clean-outs are tightly fitting and will not permit air to leak into the chimney.
- Make all gas connections and check for leaks.



*Sloped vertical installation
Figure 5*

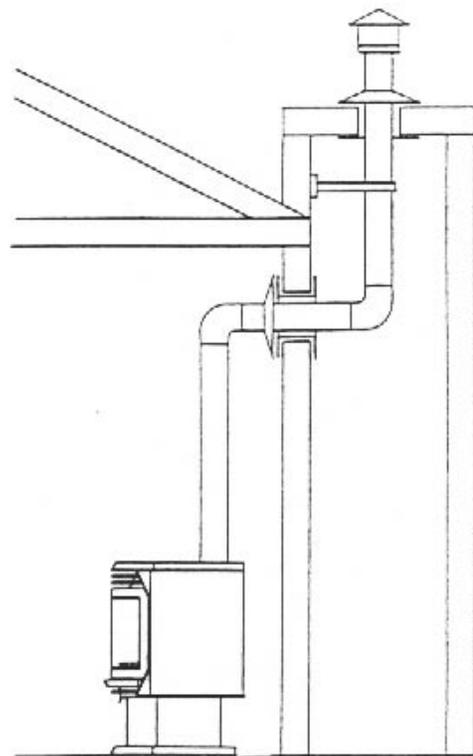


Figure 6

b. AUTOMATIC FLUE GAS SPILL SWITCH

NOTE: THIS HEATER MUST BE PROPERLY CONNECTED TO A VENTING SYSTEM. THIS HEATER IS EQUIPPED WITH A VENT SAFETY SHUTOFF SYSTEM DESIGNED TO PROTECT AGAINST IMPROPER VENTING OF COMBUSTION PRODUCTS.

THIS SAFETY SWITCH IS LOCATED ON THE REAR OF THE APPLIANCE CLOSE TO THE DRAFT HOOD RELIEF OPENING.

IF THE SWITCH TRIPS MORE THAN ONCE THE CHIMNEY SHOULD BE INSPECTED BY A QUALIFIED SERVICE TECHNICIAN FOR POSSIBLE BLOCKAGE OR SEVERE DOWN DRAUGHT CONDITIONS

This stove should be vented by certified 4" Type B Gas Vent which may be encased in 6" decorative stove pipe. The flue collar of the appliance will fit inside of standard vent and may be fastened directly to the vent by a B-Vent, B to C adapter.

The ENVIROGAS incorporates its own internal draft hood, so no additional external draft hood is required.

Check periodically that the vent is unrestricted and an adequate draft is present when the unit is in operation.

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.

The venting system should be assembled and installed according to the vent manufacturer's instructions and the local, state/provincial or national codes.

Two basic venting configurations are shown in figures 5 & 6.

See vent manufacturer's instructions for vent system clearances to combustibles and vent terminal clearance from roof.

MANUFACTURERS GENERAL VENTING GUIDELINES

This information is compiled by the manufacturer as a general rule for single appliance venting of the 595 gas stove with 4" Type B gas vent.

Venting code and regulations may vary from area to area, please check with the local, state/provincial codes regarding the suitability of your application.

For other special venting requirements, please refer to the local, state/provincial or national codes.

For best venting performance, we recommend total vent height of 10ft (3m) to 30ft (9m). Total horizontal length depends on the number of elbows used. The venting should never slope down. 1/4" rise per 2' horizontal is recommended.

If practical, it is best to locate the appliance to permit

the use of shorter horizontals and fewer elbows.

- Two 90° elbow, maximum total horizontal length of 20ft (6m).
- Three 90° elbow, maximum total horizontal length of 13ft (3.8m).
- Four 90° elbow, maximum total horizontal length of 6ft (1.9m).
- Five 90° elbow, maximum total horizontal length of 0ft (0m).

If 45° elbows are used, one 90° elbow is equivalent to two 45° elbows.

Venting rise should be a minimum of 1ft (.31m) from the top of the unit before any horizontal.

The bottom of the vent cap shall extend at least 2ft (.6m) above the highest point of the roof where it passes through and at least 2ft (.6m) higher than any portion of the roof within a horizontal distance of 10ft (3m). See *Figure 7*.

Height above roof surface within 10ft horizontally

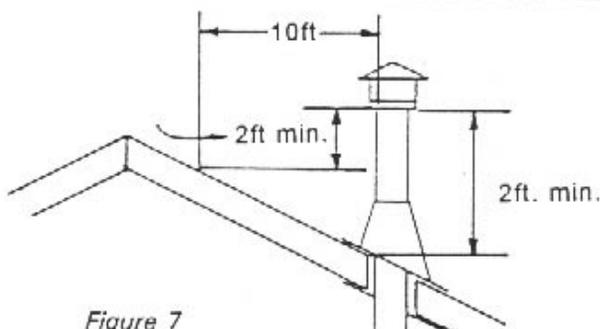
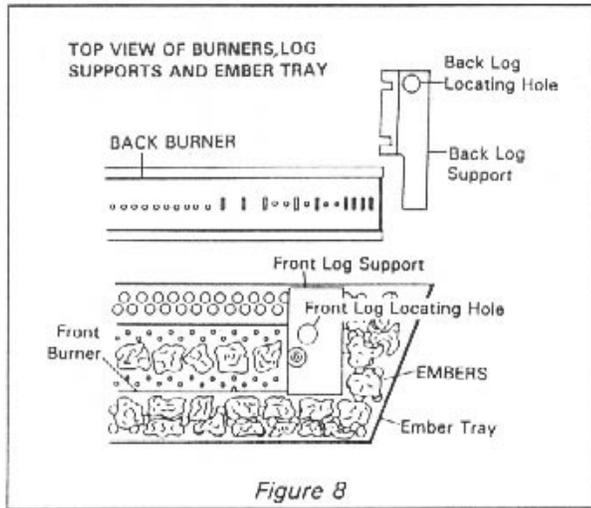


Figure 7

9. INSTALLATION OF LOG SET and EMBERS



a. INSTALLING THE GLOWING EMBERS

A bag of ceramic fiber embers is provided for use on the front burner tray.

CAUTION: Use only the amount and type of ember material supplied with this appliance. The use of other foreign materials on the burners can create dangerous conditions.

If over time, through cleaning and servicing these embers require replacement, contact your nearest ENVIROGAS dealer for an approved replacement embers kit.

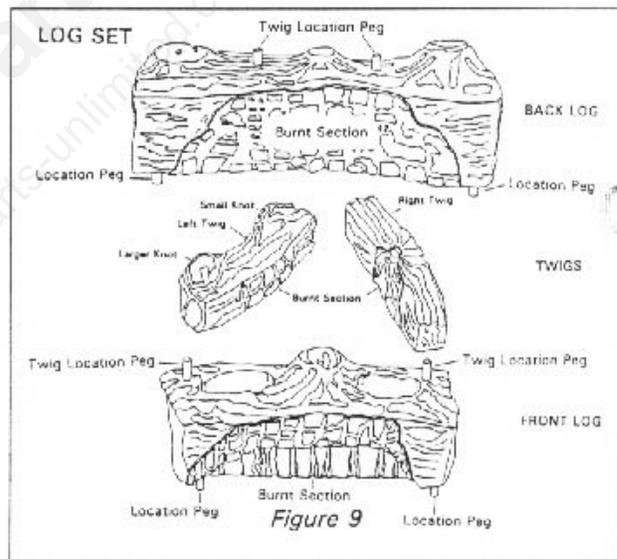
1. Gently remove the ember material from the plastic bag.
2. Spread these pieces evenly across the front of the ember tray and around the sides, so that the bottom front of the tray can no longer be seen. Place a single layer of embers on top of the front burner.
3. Carefully avoid any clumping or large build ups.
4. Do not pack down, leave embers loosely layered.
5. **DO NOT PLACE EMBERS ON THE REAR BURNER.**
6. Upon the first light up, watch for smooth and fast ignition to **all** burner ports. If a long delay is noted:
 - a) First, wait for the appliance to cool down
 - b) Open the front door of the appliance.
 - c) Carefully reposition the embers making sure that all burner ports light.

- d) Check to ensure that no burner ports are plugged solid.

CAUTION: NEVER OPERATE THIS APPLIANCE WITH THE DOOR REMOVED

INSTALLING THE 4 PIECE LOG SET

The log set for the ENVIROGAS is shipped in a separate carton contained in the pedestal. Check to ensure there is no damage to any of the four (4) logs. It is very important to install these logs in their proper position to insure safe operating conditions. (SEE LOG PLACEMENT Figure 9)

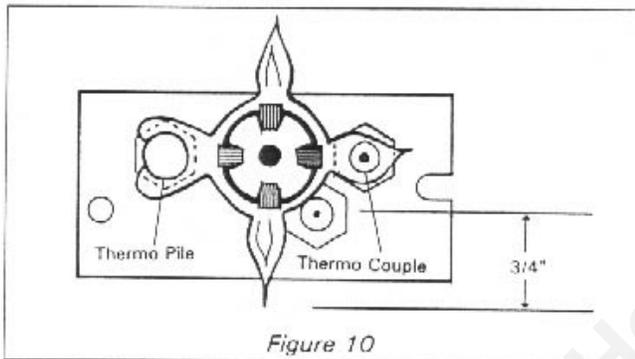


1. Open the front door.
2. Remove logs carefully from the carton.
3. Place rear fiber log with Burnt Area forward on rear log supports. By matching bottom pegs to the receiving holes in rear log holder.
4. Place front fiber log on front log supports. By matching pegs to the front receiving holes in front log holder.
5. Place the two cross logs on the positioning pegs according to the diagram shown above. (Figure 9)

10. LIGHTING INSTRUCTIONS

WARNING: Improper installation, adjustment, alteration, servicing or maintenance can result in personal injury and property damage. Always refer to this manual for normal maintenance requirements. For further assistance or additional information consult a qualified gas installer, your ENVIROGAS dealer or your local gas supplier.

1. Check to ensure that all burner ports are lit and burning properly.
2. Check to ensure that the right branch of the pilot flame is engulfing the thermocouple tip, while the left branch of the pilot flame is engulfing the thermopile and the other two branches are long enough to light the front and rear burners.
3. Check to ensure that the main burners lights instantly when the on switch is turned on and that the flame carries across the burners evenly.



FOR YOUR SAFETY READ BEFORE OPERATING

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 is equipped with a pilot which must be lit by hand while following these instructions exactly.
- B) Before operating smell all around the appliance area for gas and next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Turn off all gas to the appliance.
- Open windows.
- Do not try to light any appliance.
- Do not touch any electric 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 turn the gas control knob. Never use tools. If the knob will not push in or turn by hand do not 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 replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS

WARNING: The gas valve has an interlock device which will not allow the pilot burner to be lit until the thermocouple has cooled. Allow approximately 60 seconds for thermocouple to cool.

1. Stop! Read the above safety information on this label.
2. Turn the gas "hi-low" knob to the lowest level.
3. Turn off all electric power to the appliance.
4. Set the "on/off" burner switch to the "off" position.
5. Depress slightly & turn pilot gas knob clockwise to the "off" position.
6. Wait five (5) minutes to clear out any gas. If you smell gas including near the floor, STOP! Follow "B" in the above safety information on this label. If you don't smell gas go to next step.
7. Find pilot located in front of rear log.
8. Depress slightly & turn pilot gas knob counter-clockwise to "pilot".
9. Depress fully and hold pilot gas knob while lighting the pilot with the push button "spark ignitor". Keep knob fully depressed for 15 seconds, then release. If pilot does not continue to burn repeat steps 5 through 8.
10. Wait 1 minute, depress slightly & turn pilot gas knob counter clockwise to the "on" position, turn the "on/off" burner switch to the "on" position (or "thermostat" position when equipped).
11. Turn gas "hi-low" knob to desired setting.
12. Turn on all electric power to the appliance.

TO TURN OFF GAS

1. Turn off all electric power to the appliance if service is to be performed.
2. Place "on/off" burner switch to "off" position.
3. Depress pilot gas "hi-low" control knob slightly and turn clockwise to "off". Do not force.

EG95L2E

11. ROUTINE MAINTENANCE

For cleaning, turn the gas control knob to the "OFF" position. This will extinguish the pilot flame. Wait at least, five (5) minutes before cleaning.

Periodically check to ensure that the "B-Vent" venting system is clear and that a negative draft is present when the unit is operating.

CLEANING OF GLASS

Do not clean glass when hot

It will be necessary to clean the ceramic glass periodically. During a cold start up condensation will sometimes form on the glass, this is a normal condition with all gas fireplaces and stoves. However, sometimes this condensation can allow dust and lint to cling to the glass surface. Also, sometimes initial paint curing of the appliance can leave behind a slight film on the glass. This is a temporary problem. It is therefore recommended that the glass be cleaned initially after about the first two weeks of use.

After that, depending upon the amount of use, cleaning should be required no more than two or three times per season.

To clean the door, use a mild glass cleaner and a soft cloth. Abrasive cleaners will damage the glass surface.

OPENING THE GLASS DOOR

Wait until the appliance has cooled down.

1. Open the hinged right hand side panel which will expose a door fastener. Using a 1/2" wrench, loosen off the fastener.
2. Due to the shape of the bay window door. You must also open the left hand side panel before attempting to opening the Bay window door.

3. Ensure the door is properly fastened after cleaning before attempting to re-light the appliance.

Glass/Door Replacement

The glass in this appliance is an integral part of the door assembly. If the glass is damaged or broken a replacement door assembly including glass must be fitted.

TO REPLACE DOOR AND GLASS ASSEMBLY

- open door fully
- Lift door vertically so that hinge pins lift out of hinge receivers.
- Return assembly to dealer

Door and glass assembly must be replaced as a complete unit by your Envirogas Dealer. No substitute materials are allowed.

FOR CLEANING THE INSIDE OF THE FIREBOX

Remove the log set carefully from the combustion chamber.

Gently remove the embers and place on a piece of paper towel. Until ready to replace.

Vacuum the burner compartment thoroughly.

Vacuum any dust on the logs and remove any lint from the main burner and pilot burner.

After carefully replacing the logs and embers in their correct positions, and the door has been resealed, re-light the pilot, following the instructions on the attached label. And turn on main burner.

CLEARANCES MUST BE SUFFICIENT TO ALLOW ACCESS FOR MAINTENANCE AND SERVICE

12. AIR SHUTTER ADJUSTMENT

- There is a separate air shutter for each burner
- Remove 1 screw from the cover plate located below the ash shelf. Loosen the other screw (Do Not Remove) swing the coverplate out of the way and tighten screw down to hold in place.
- On LP burners be sure to loosen the 2 set screws on the venturi before you install the burner into the unit as per instructions in section 3.
- With a long screwdriver rotate spring clips to open/close the shutter to desired setting.
- Re-install cover plate.

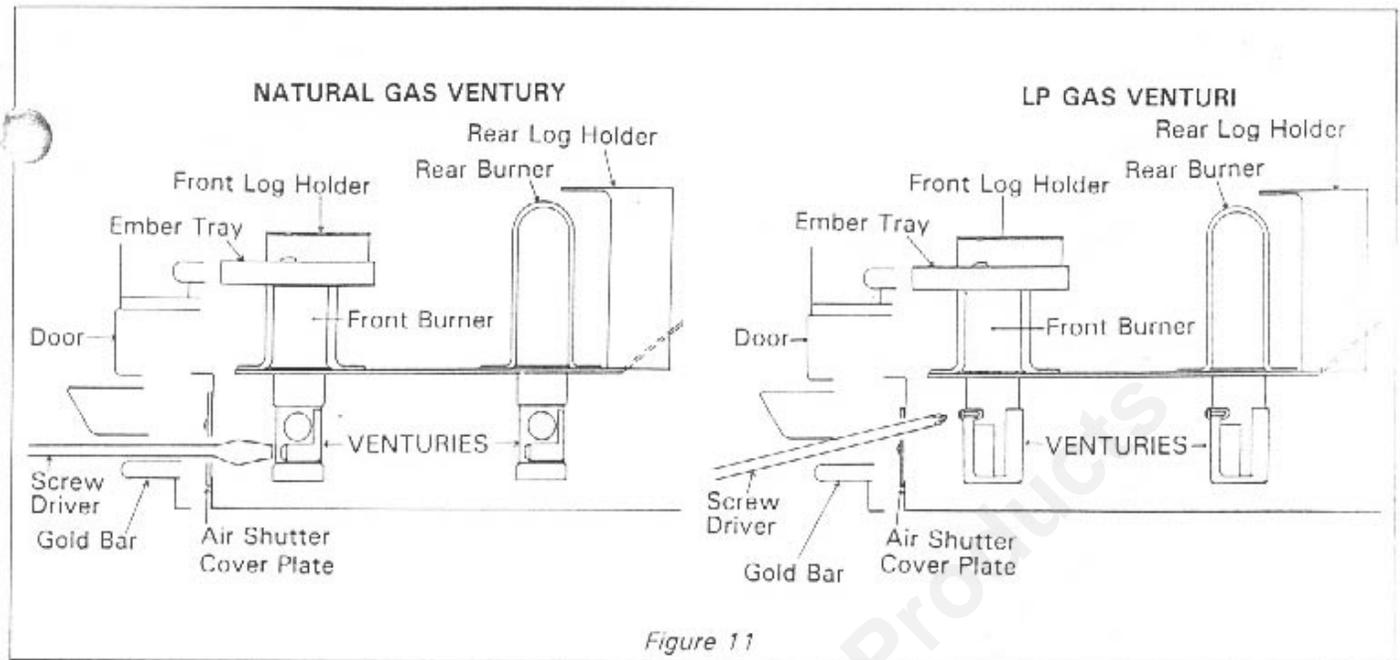


Figure 11

13. TROUBLE SHOOTING

Problem	Cause	Solution
Spark ignitor will not light the pilot after repeated pressing of spark ignitor	Defective ignitor	Check connections to ignitor -If ignitor connections are good but there is no spark-replace ignitor
	Misaligned spark electrode	-check for spark arcing from the electrode to pilot if not adjust by loosening screws on pilot base. Adjust and re-tighten
Pilot will not remain lit	Defective thermocouple	-check for proper connection of thermocouple to rear of valve
	Air in gas line	-bleed line -contact dealer
Burners will not light when valve and burner switch are both on	Defective switch	-check switch connections jump wires at switch
	Defective thermo-pile	-check connections to valve -contact dealer
	Thermostat set to low / defective	-turn up the thermostat to start unit. Check thermostat connections
	Defective spill switch or Severe down draft.	-check connections -contact dealer
Glass fogs up	normal condition	After the appliance warms up glass will clear -due to additives in gas glass may dirty -clean glass
Blue flames	Normal during start up	-flame will yellow as the appliance heats up
Flame lifting	Flame impingement	-check log position increase primary air by opening shutters

Lubricating the blowers

- 1) unplug the unit
- remove rear access cover
 - remove the two bolts holding the blower mounting plate to the unit
 - pull blower and mounting tray out enough to access the lubricating holes on the top of the blower motor
 - add 2 drops of a light weight machine oil.

re-install the blower assembly and access cover.

THIS OPERATION SHOULD BE PERFORMED EVERY 6 MONTHS

Tools required to assemble this unit:

Torx T-20 screwdriver, 5/16 socket wrench, 1/2" wrench.

14. PARTS AND ACCESSORIES

Service Parts available from your local Envirogas Dealer.

EG95FS NG BURNER	Nat Gas Burner Control Assembly	EG95FS CCM	Control Cover Magnet
EG95FS LP BURNER	LPG Burner Control Assembly	EG95FS SPM	Side Panel Magnet
EG95FS NG PILOT	Natural Gas Pilot Assembly	EG95FS DB	Door Bolt
EG95FS LP PILOT	LPG Pilot Assembly	EG95FS LGST	Log Set (with embers)
EG95FS THC	Thermo couple	EG95FS EMB	Embers
EG95FS THP	Thermo pile	EG95FS DG	Door Gasket
EG95FS RV NG	Natural Gas Regulating Valve	EG95FS RDG	Relief Door Gasket
EG95FS RV LPG	LPG Regulating Valve		
EG95FS GSI	Pezo Ignitor		
EG95FS ON/OFF	Burner switch		
EG95FS BV 220TS	B-vent spill switch 220°		
EG95FS OB	Orifice Blank		
EG95FS CVB	Convection Blower		
EG95FS FCWS	Fan Controller		
EG95FS L SWITCH	Light Switch (momentary)		
EG95FS LBH	Light Bulb Holder		
EG95FS 160 TS	Convection Fan Sensor 160°		
EG95FS PC	Power Cord		
EG95FS WH	Wire Harness		

Assessories

EG95FS GDC	Gold Door C/W Glass
EG95FS GT	Gold Trim package
	Simpson Dura-Vent termination kits
EG95FS SD VDK 1	Horizontal
EG95FS SD VDK 2	Vertical
EG95FS LVT	Low Voltage Thermostat

15. WARRANTY

Sherwood Industries Ltd. gives a five year limited warranty on all steel manufactured parts. A one year warranty is provided on all gas and electrical components. The above limited warranties are extended only to the original purchaser.

There is no warranty on the following parts:

- | | |
|----------------------|----------------|
| - Glass window | - Embers |
| - Fiberglass gaskets | - Paint |
| - Silicone gaskets | - Trims |
| - Logs | - Gold Plating |

All claims forwarded under this warranty shall be made in writing by your local dealer:

WHEN FILING A WARRANTY CLAIM PLEASE COMPLETE THE FOLLOWING INFORMATION ON AN OFFICIAL WARRANTY CLAIM FORM:

To The Dealer

- Name, address and telephone number of purchaser and date of purchase.
- Date of installation. Name of installer and dealer. Serial number of the appliance. Nature of complaint, defect or malfunction. Description and part # of any parts replaced.

To The Distributor

- Sign and verify that work and information is correct

The limited warranty covers defects in materials and workmanship only if the product has been installed according to the manual's instructions. If the product is damaged or broken as a result of misuse or mishandling the warranty does not apply. The warranty does not cover removal and re-installation costs.

Sherwood Industries Ltd. reserves the right to repair or to replace the defective product. The shipping costs are paid by the consumer. All warranties by the manufacturer are set forth herein and no claim

shall be made against the manufacturer on any oral warranty or representation.

Sherwood Industries Ltd. and its employees or representatives will not assume any damages, either directly or indirectly caused by improper usage, operation, installation, servicing or maintenance of this appliance.

Sherwood Industries Ltd. reserves the right to make changes without notice. Please complete and mail the warranty registration card and have the installer fill-in the installation data sheet in the back of the manual for warranty and future reference.

16. INSTALLATION DATA SHEET

The following information must be recorded by the installer for warranty purposes and future reference.

Envirogas Model EG95 Freestanding Gas Stove



Name of Owner:

Address:

Phone: _____

Name of Installer:

Address:

Phone: _____

Name of Dealer:

Address:

Phone: _____

- Serial Number: WH- _____
- Date of Purchase: ____/____/____
- Date of Installation: ____/____/____
- ___ Natural Gas (Nat.), ___ Propane (LPG)
- Inlet Gas Supply Pressure: _____ in.w.c.

If the orifices were changed by the installer.

- Front Burner Orifice # _____
- Back Burner Orifice # _____
- Pilot Orifice # _____ or _____ in. Dia.

Installer's Signature

MANUFACTURED BY:
SHERWOOD INDUSTRIES, 1969 KEATING X RD., SAANICHTON, B.C., CANADA V8M 2A4