

Good For 96

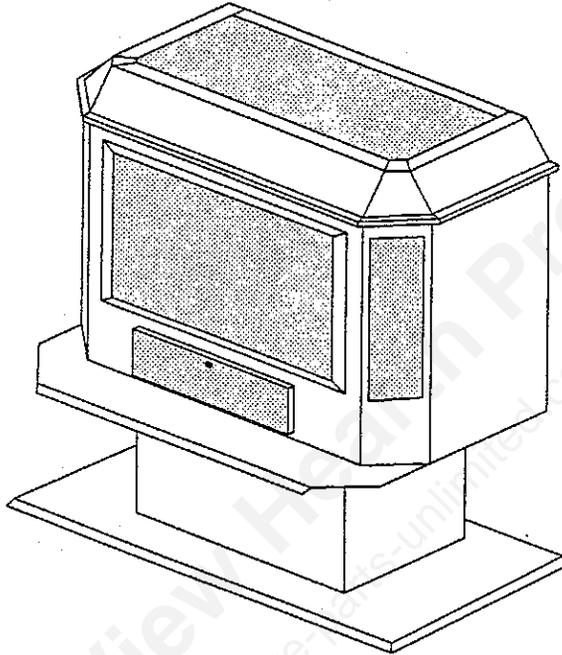


UNITED STATES STOVE COMPANY

227 Industrial Park Road • P.O. Box 151 • South Pittsburg, TN 37380 • (615) 837-2100

Natural Gas Model
9533N

Propane (LPG) Model
9533L



UNVENTED GAS LOG HEATER INSTALLATION AND OPERATING INSTRUCTIONS



WARNINGS

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.

- 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
 - 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.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

READ AND SAVE THESE INSTRUCTIONS

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TABLE OF CONTENTS

IMPORTANT SAFETY INFORMATION	1 - 2
PRODUCT FEATURES	2
SPECIFICATIONS	3
CONTENTS	3
ITEMS REQUIRED FOR INSTALLATION	4
INSTALLATION	5
GAS CONNECTION	6 - 7
GAS PRESSURE CHECK.....	7
LOG ASSEMBLY.....	8
OPERATING INSTRUCTIONS.....	9-11
CLEANING / SERVICING.....	11-12
FLAME APPEARANCE.....	12
PARTS LIST FOR HEATER ASSEMBLY.....	13
PARTS LIST FOR GAS LOG ASSEMBLY.....	14-15
TROUBLESHOOTING.....	16-17
NOTES.....	18-20
LIMITED WARRANTY POLICY.....	21

IMPORTANT SAFETY INFORMATION

INSTALLER: Please leave these instructions with the owner.

OWNER: Please retain these instructions for future reference.

IMPORTANT: Read these instructions carefully before installing or trying to operate this heater.

WARNING

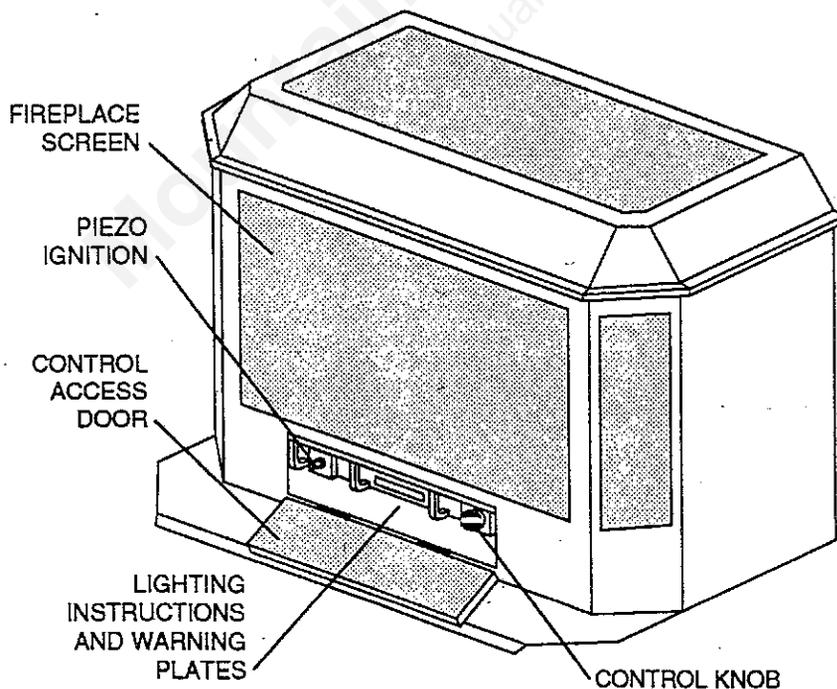
Any modification to this unvented gas heater or its controls can be dangerous. Improper installation or use of the heater can cause serious injury or death from fire, burns, explosion or carbon monoxide poisoning.

1. **CARBON MONOXIDE POISONING:** Early signs of carbon monoxide poisoning are similar to the flu with headaches, dizziness and/or nausea. If you have these signs, obtain fresh air immediately. Have the heater serviced as it may not be operating properly.
2. The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1.
3. The 9533N/9533L unvented gas heater system cannot be installed in a bedroom.
4. Do not install the heaters in a bathroom.
5. Installation and repair should be done by a qualified service person.
6. To prevent malfunction and/or sooting, an unvented gas heater should be cleaned at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, etc. It is imperative that control compartments, burners and circulating air passageways be kept clean.
7. Correct placement of the ceramic fiber logs is necessary to avoid problems with sooting. Sooting can settle on surfaces outside the heater and cause discoloration. See the appropriate sections of this manual for instructions.
8. Avoid any drafts that alter burner flame patterns. Do not allow fans to blow directly into fireplace. Do not place a blower inside burn area of firebox. Ceiling fans may create drafts that alter burner flame patterns. Sooting and improper burning will occur.
9. This is an unvented gas-fired heater. It uses air (oxygen) from the room in which it is installed. Provisions for adequate combustion and ventilation air must be provided. Refer to installation guidelines.
10. Children and adults should be alerted to the hazard of high surface temperature and should stay away to avoid burns or clothing ignition.
11. Young children should be carefully supervised when they are in the same room with the heater.
12. Do not place clothing or other flammable material near the fireplace when the heater is in use.

IMPORTANT SAFETY INFORMATION

13. Keep room area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
14. Any safety screen or guard removed for servicing, must be replaced prior to operating the heater.
15. This unvented gas heater is intended to be smokeless. If logs appear to smoke, turn off the heater and call a qualified service person. Initial burn off may cause slight smoke and odor during the first four hours of operation.
16. Input ratings are shown in BTU per hour and are for elevations up to 2,000 feet. For elevations above 2,000 feet, input ratings should be reduced 4 percent for each 1,000 feet above sea level. Refer to the National Fuel Gas Code.
17. The heater and its individual shut off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).
18. The heater 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).
19. Do not use this room heater if any part has been under water. Immediately call a qualified service technician to inspect the room heater and to replace any part of the control system and any gas control which has been under water.

PRODUCT FEATURES



OPERATION

This unvented gas heater requires no outside venting, burns cleanly with high heating efficiency.

**FIGURE 1. Unvented Gas Heater
(Control Access Door Shown Open)**

SPECIFICATIONS

Natural Gas

Regulator Pressure Setting 3" w.c.

Gas Inlet Pressure Maximum 10-1/2" w.c.
Minimum 5" w.c.

Model Number	Type	Gas Rate		Number of Burners
		Max BTU/Hr	Min BTU/Hr	
9533N	Manual	26,000	16,000	2

Propane / LPG

Note: An external regulator is required to reduce supply pressure to a maximum of 13" w.c.

Regulator Pressure Setting 10" w.c.

Gas Inlet Pressure Maximum 13" w.c.
Minimum 11" w.c.

Model Number	Type	Gas Rate		Number of Burners
		Max BTU/Hr	Min BTU/Hr	
9533L	Manual	22,000	14,000	2

Ignition - Piezo ignitor allows ignition of the pilot without the use of matches or batteries.

Controls - Manual control has 4 positions:

1. **OFF** - All gas to the gas logs is shut off at the valve
2. **IGN** - Valve position to light / maintain a standing pilot
3. **2 (LOW)** - Minimum gas rate - front burner provides a realistic glow on the center log
4. **3 (HI)** - Maximum gas rate - front burner provides a realistic glow on the center log and the rear burner provides a pleasing yellow flame

CONTENTS

9533L and 9533N Unvented Gas Heaters

1. Packet containing Homeowners/Installation instructions.
2. Log box containing Three fiber ceramic logs, refer to installation instructions.
3. 18" unvented gas heater.

CHECK THAT ALL LISTED PARTS HAVE BEEN RECEIVED

CAUTION

GLOVES ARE RECOMMENDED WHEN HANDLING CERAMIC FIBER LOGS TO PREVENT SKIN IRRITATION FROM LOOSE FIBERS. LOGS ARE FRAGILE, HANDLE WITH CARE.

Carefully inspect the contents for shipping damage and immediately inform your dealer if any damage is found.

ITEMS REQUIRED FOR INSTALLATION

REMOVING FRONT SCREEN: Pull gently at top tabs on either side and pulling frame clear and up. Lift front screen off two (2) locating studs at bottom before operation or after cleaning, relocate screen on the locating studs at bottom and push screen into the closed position. You should feel the screen lock into place in the closed position (FIGURE 2).

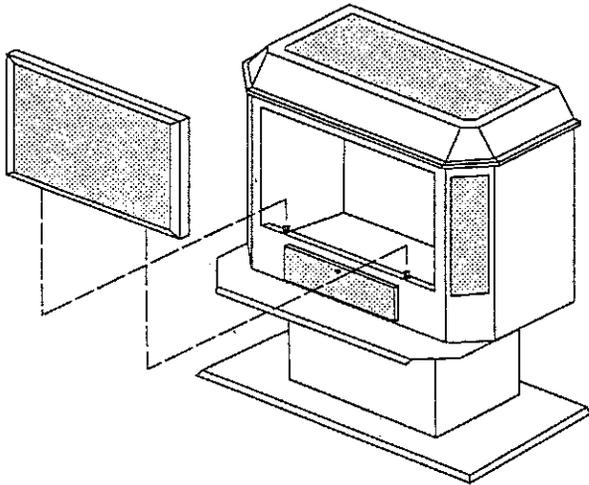


FIGURE 2. Removing Fireplace Screen

ITEMS REQUIRED FOR INSTALLATION

Ensure that the following items are available before proceeding with installation:

- External regulator (for propane/LPG only)
- Manual shutoff valve
- Piping which complies with local codes
- Sediment trap
- Pipe sealant approved for use with propane/LPG (resistant to sulfur compounds)
- Pipe wrench

CODES

Adhere to all local codes or in their absence, the latest edition of THE NATIONAL FUEL GAS CODE ANSIZ223.1 or NFPA54 which can be obtained from:

American National Standards Institute, Inc.

1430 Broadway
New York, NY 10018

or

National Fire Protection Association, Inc.

Batterymarch Park
Quincy, MA 02269

WARNING

Do not install the heater:

- Where curtains, furniture, clothing or other flammable objects are less than 42" from the front of the heater.
- In high traffic areas.
- In windy or drafty areas.

ADEQUATE COMBUSTION AND VENTILATION AIR

This heater shall not be installed in a confined space unless provisions are provided for adequate combustion and ventilation air.

The National Fuel Gas Code defines a confined space as a space whose volume is less than 50 cubic feet per 1,000 BTU per hour (4.8m³per kw) of the aggregate input rating of all appliances installed in that space and an unconfined space is defined as a space whose volume is not less than 50 cubic feet per 1,000 BTU per hour (4.8m³ per kw) of the aggregate input rating of all appliances installed in that space. Rooms communicating directly with the space in which the appliances are installed, through openings not furnished with doors, are considered a part of the unconfined space.

INSTALLATION

The following formula can be used to determine the maximum heater rating per the definition of unconfined space:

$$\frac{\text{BTU/HR} = (L1+L2) \text{ Ft} \times (W) \text{ Ft} \times (H) \text{ Ft} \times 1000}{50}$$

Consider two connecting rooms with an open area between, with the following dimensions: (See Fig. 3, Example)

$$\frac{L1=15-1/2 \text{ Ft.}, L2=12 \text{ Ft.}, W=12 \text{ ft.}, H=8 \text{ Ft}}{50} \\ =52800 \text{ BTU/HR}$$

If there were a door between the two rooms the calculation would be based only on the room with the heater.

$$\frac{\text{BTU/HR}=(15-1/2) \times (12) \times (8) \times 1000}{50} \\ =29760 \text{ BTU/HR}$$

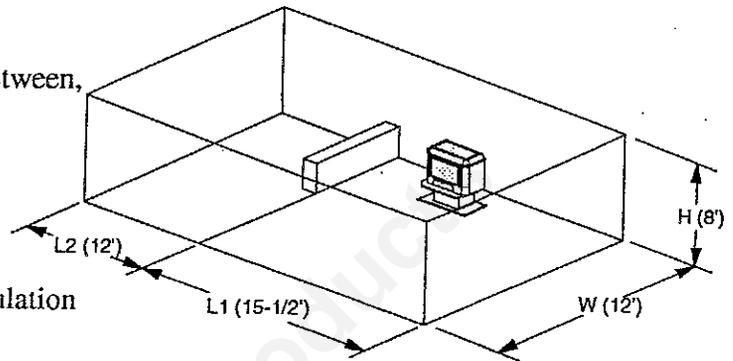


FIGURE 3. EXAMPLE

WARNING

If the area in which the heater may be operated is smaller than that defined as an unconfined space, provide adequate combustion and ventilation air by one of the methods described in the National Fuel Gas Code, ANSI Z223.1, 1992, Section 5.3.

WARNING

Ensure the minimum clearances shown in FIGURE 4 are maintained. Left and right clearances are determined when facing the front of the heater.

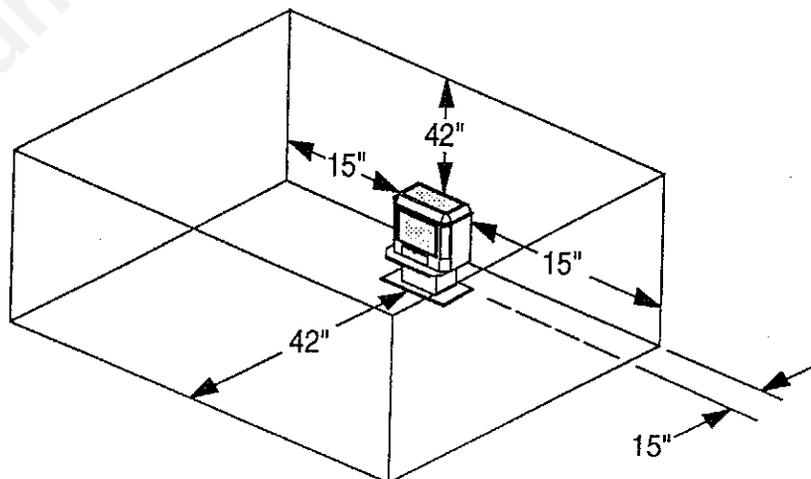


FIGURE 4. Minimum Clearances
Top and Sides of Room Heater to Ceiling and Walls

GAS CONNECTION

NOTICE

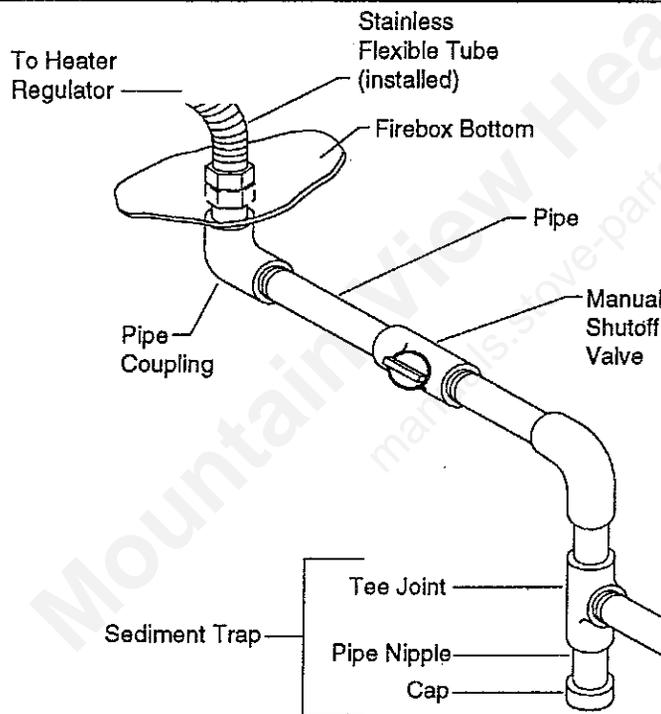
A qualified gas appliance installer must connect the fireplace to the gas supply. Consult all local codes.

CAUTION

Use new black iron or steel pipe only. Internally tinned copper tubing can be used in some areas when permitted by local codes. Only use pipe of 1/2" or greater diameter to allow full gas volume to heater. Excessive pressure loss will occur if the pipe is too small.

A manual shutoff valve, union and plugged 1/8" NPT pressure tapping point must be installed upstream of the heater (FIGURE 5).

A sediment trap must be installed upstream of the heater to prevent moisture and contaminants from passing through the pipe to the heater controls and burners. Failure to do so could prevent the heater from operating reliably (FIGURE 5).



IMPORTANT: Loosen the pipe adapter on the flex tube before installing to the system piping.

FIGURE 5. Gas Connection

CHECK GAS TYPE: The gas supply must be the same as stated on heater's rating plate. If the gas supply is different, DO NOT INSTALL the heater. Contact your dealer for the correct model.

WARNING

Connecting directly to an unregulated propane/LPG tank can cause an explosion.

GAS CONNECTION

To reach the regulator, remove front screen and ceramic fiber logs.

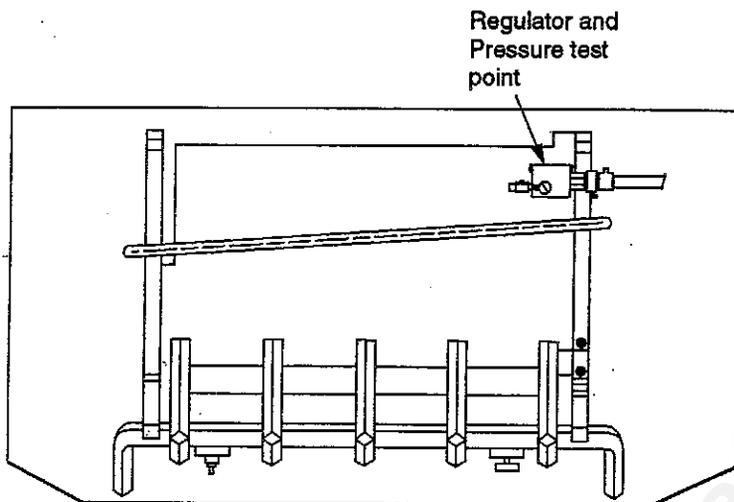


FIGURE 6. Top view from inside firebox.

The regulator gas inlet connection is 3/8" NPT, made on the right side of the burner unit facing the heater.

Test all gas joints from the gas meter to the heater for leaks using soap and water solution after completing connection. **DO NOT USE AN OPEN FLAME.**

GAS PRESSURE CHECK

The heater regulator controls the burner pressure which should be checked at the pressure test point (1/8" NPT plug) located on the side of the regulator and is accessible from the side of the gas log assembly (see FIGURE 7).

The pressure should be checked with the heater burning and the control set to high (HI).

The pressure regulator is preset and locked to avoid tampering. If the pressure is not as specified in Product Specifications (Page 3), contact your dealer and replace the regulator.

Replace the test plug after pressure measurement. Check for gas leaks.

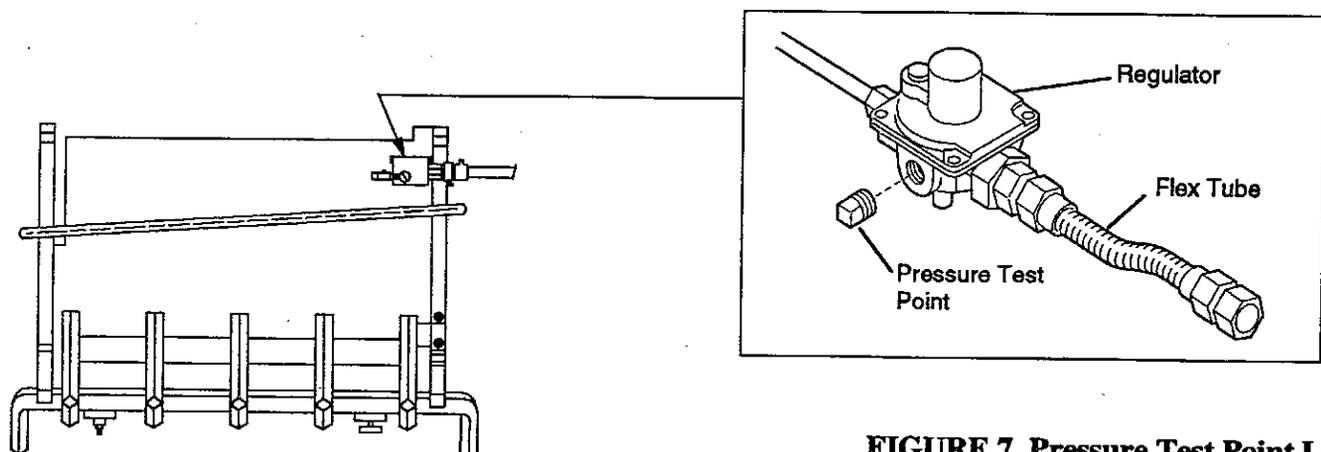


FIGURE 7. Pressure Test Point Location

LOG ASSEMBLY

LOG POSITIONING

This unit is supplied with a set of three ceramic fiber logs. Do not handle these logs with your bare hands! Always wear gloves to prevent skin irritation from ceramic fibers. After handling logs, wash your hands gently with soap and water to remove any traces of fibers.

PROPER INSTALLATION SEQUENCE:

1. Install the rear log (#3) on the top set of locating pins. Visually check to verify the log is securely placed on the pins, and in contact with the grate.
2. Install the front log (#1) on top of the piezo and control cover. Center the log left to right to properly engage the locator lugs.
3. Install the center log (#2) behind the front log on the remaining set of locating pins. Visually check to verify the log is securely placed on the pins.

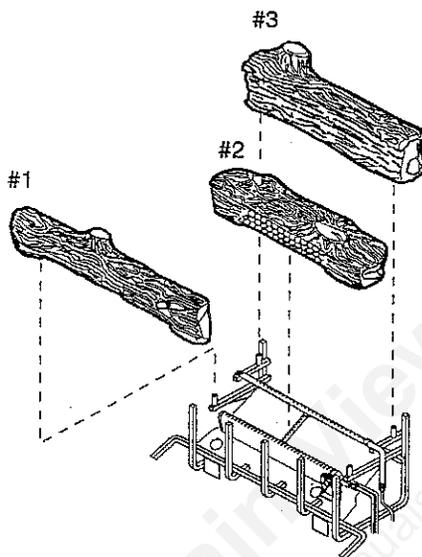


FIGURE 8. Log Set Assembly

WARNING

The positioning of the logs is critical to the safe and clean operation of this heater. Sooting and other problems may result if the logs are not properly and firmly situated in the appliance. Never add additional logs or embellishments such as pine cones, vermiculite or rock wool to the heater.

PLACING THE DECORATIVE VOLCANIC ROCK:

Remove the volcanic rock from the bag and sprinkle over the base plate in front of, and below the main burner, as well as on the fireplace floor.

FRONT SCREEN

The front screen must be in place at all times when the appliance is operating. Do not obstruct the screened openings of the heater.

OPERATING INSTRUCTIONS

Avoid any drafts that alter the burner flame patterns. Do not allow fans to blow directly into the heater. Do not place a blower inside burn area of firebox. Ceiling fans may create drafts that alter burner flame patterns. Sooting and improper burning will occur.

This unvented gas heater is intended to be smokeless. If logs appear to smoke, turn off the heater and call a qualified service person. Initial burn off may cause slight smoke and odor during the first four hours of operation.

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 heater has a pilot which is ignited by a hand operated piezo. When lighting the pilot, follow these instructions.
- B. **BEFORE LIGHTING** smell all around the heater area for gas. Be sure to smell next to the floor because propane/LPG is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not attempt to light any appliance or heater.
 - 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 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 or adjust the valve or mechanism. Call a qualified service technician. Force or attempted repair may result in a fire or explosion.
 - D. 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 or any gas control which has been under water.

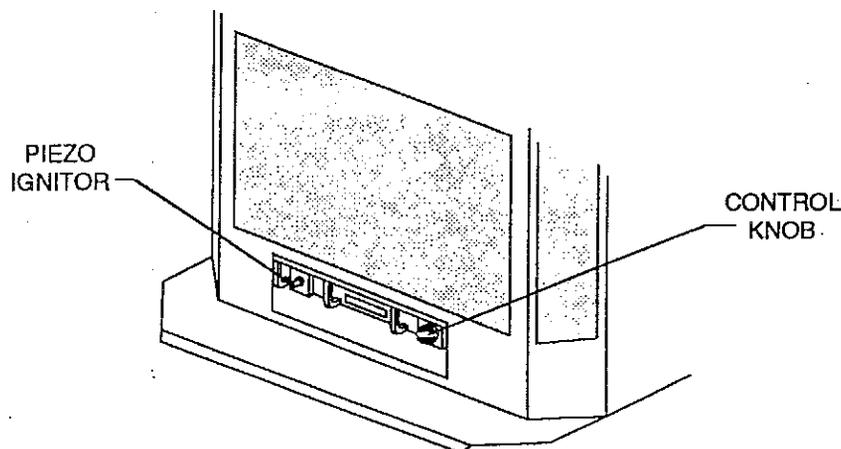
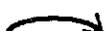


FIGURE 9.

OPERATING INSTRUCTIONS

MANUAL CONTROL LIGHTING INSTRUCTIONS

1. STOP! Read the safety information.
2. Make sure the manual shut off valve is fully open.
3. Refer to FIGURE 9 for location of piezo ignitor and control knob. Turn control knob clockwise  to OFF position.
4. Wait 5 minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow the instruction under "WHAT TO DO IF YOU SMELL GAS". If you don't smell gas, go to the next step.
5. Turn the control knob counterclockwise  to the IGN position (FIGURE 10). Press in control knob for 5 seconds.
6. With the control knob pressed and held in, push and release the piezo ignitor button to light the ODS pilot. The pilot is located on the right side of the appliance, behind the front log and in front of the main burner.
7. Hold the control knob in for an additional 10 seconds to prevent the ODS pilot from shutting off the gas while the thermocouple is warming up.
8. Release the control knob.
 - If the knob does not pop out when released, stop and immediately call your service technician or gas supplier.
 - If the ODS pilot will not stay lit after several tries, press in and turn the control knob clockwise  to OFF release and wait 15 seconds. Repeat steps 5 through 8.
9. Press control knob and turn to desired setting (2 or 3). The control knob must be set at either the 2 (low) or 3 (high) position, and the control knob will pop out when positioned correctly. Do not set the control knob at a position between 2 or 3. Refer to Figure 10A.

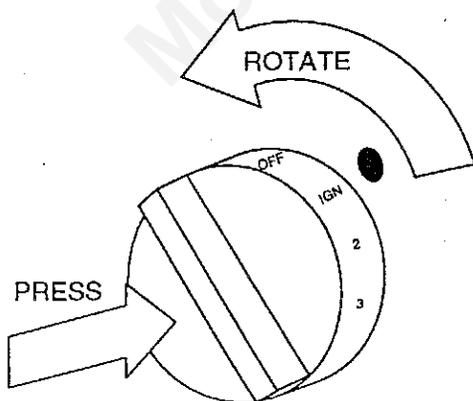


FIGURE 10. Control Knob

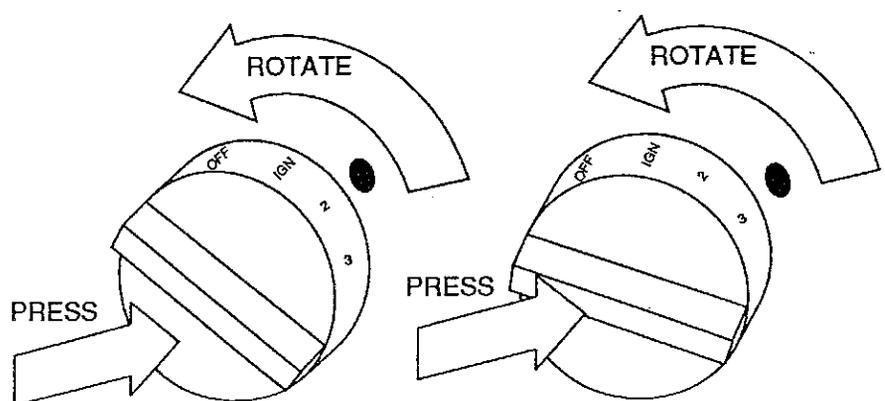


FIGURE 10A: LOW/HIGH Position

WARNING

Wait 30 seconds before readjusting the heater when the control has been turned down to a lower setting.

SHUTTING OFF HEATER

Refer to FIGURE 10. Turn control knob clockwise  to the OFF position.

CHECKING FLAME APPEARANCE

Flames from the pilot, front and rear burner should be visually checked when the heater is installed. In addition a periodic visual check of the flames should be made.

PILOT FLAME

The pilot flame should always be present when the heater is in operation and should just touch the top of the thermocouple tip (FIGURE 11).

If the pilot flame does not touch the thermocouple, then the main burner is unlikely to function reliably (FIGURE 12).

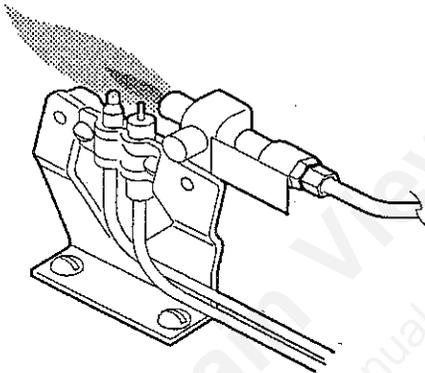


FIGURE 11. Pilot Flame

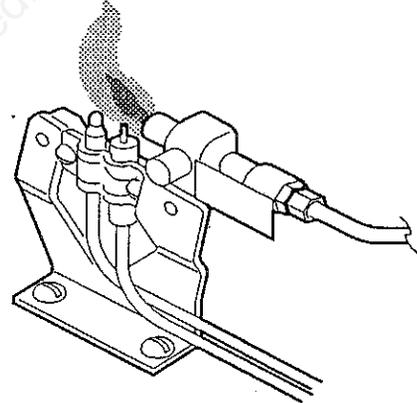


FIGURE 12. Incorrect Shape of Pilot Flame

CLEANING / SERVICING

Annual inspection and cleaning by your dealer or qualified service technician is recommended to prevent malfunction and/or sooting.

WARNING

Turn off heater and allow to cool before cleaning.

Remove front screen, (see page 4). Carefully lift screen from locating stubs and set aside during cleaning. Refer to instructions on page 4 for installation of screen. **Do not operate the unit with the screen removed.**

Remove logs, handling carefully by holding gently at each end. Gloves are recommended to prevent skin irritation from ceramic. If the skin becomes irritated, wash gently with soap and water. Refer to manual for correct log placement.

CLEANING / SERVICING

Periodic Cleaning

- Do not use cleaning fluid to clean logs or any part of heater.
- Logs - Brush with soft bristle brush or vacuum with brush attachment.
- Vacuum loose particles and dust from the front and rear burner, control, and piezo covers and grate weldment.
- Inspect rear burner and air intake hole. Remove lint or particles with vacuum.
- External case should be dusted and wiped with a wet soapy cloth.

Annual Cleaning/Inspection

- Inspect and clean rear burner air intake holes.
- Inspect and clean all burner ports.
- Inspect ODS pilot for operation and accumulation of lint at air intake holes.
- Verify flame pattern and log placement for proper operation.
- Verify smooth and responsive ignition of main burner and rear burner.

FLAME APPEARANCE

In normal operation at full rate after 15 minutes the following flame appearance should be observed.

REAR FLAMES

The rear flames above and behind log #2, and in front of log #3, should be yellow. The flames should extend about 2-3" above log #2 for natural gas and Propane/LP gas (FIGURE 13).

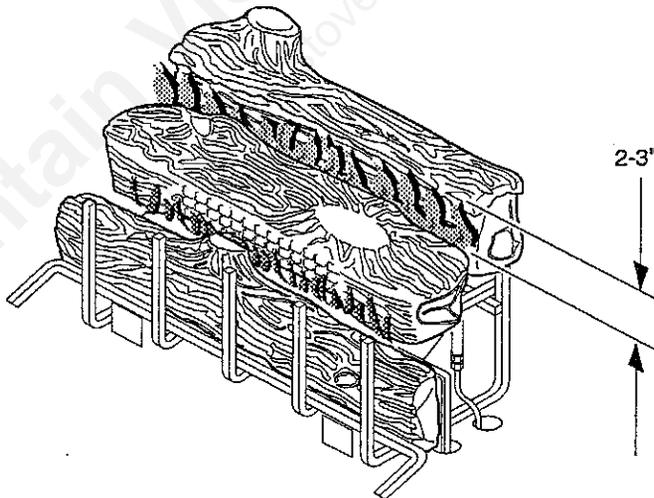
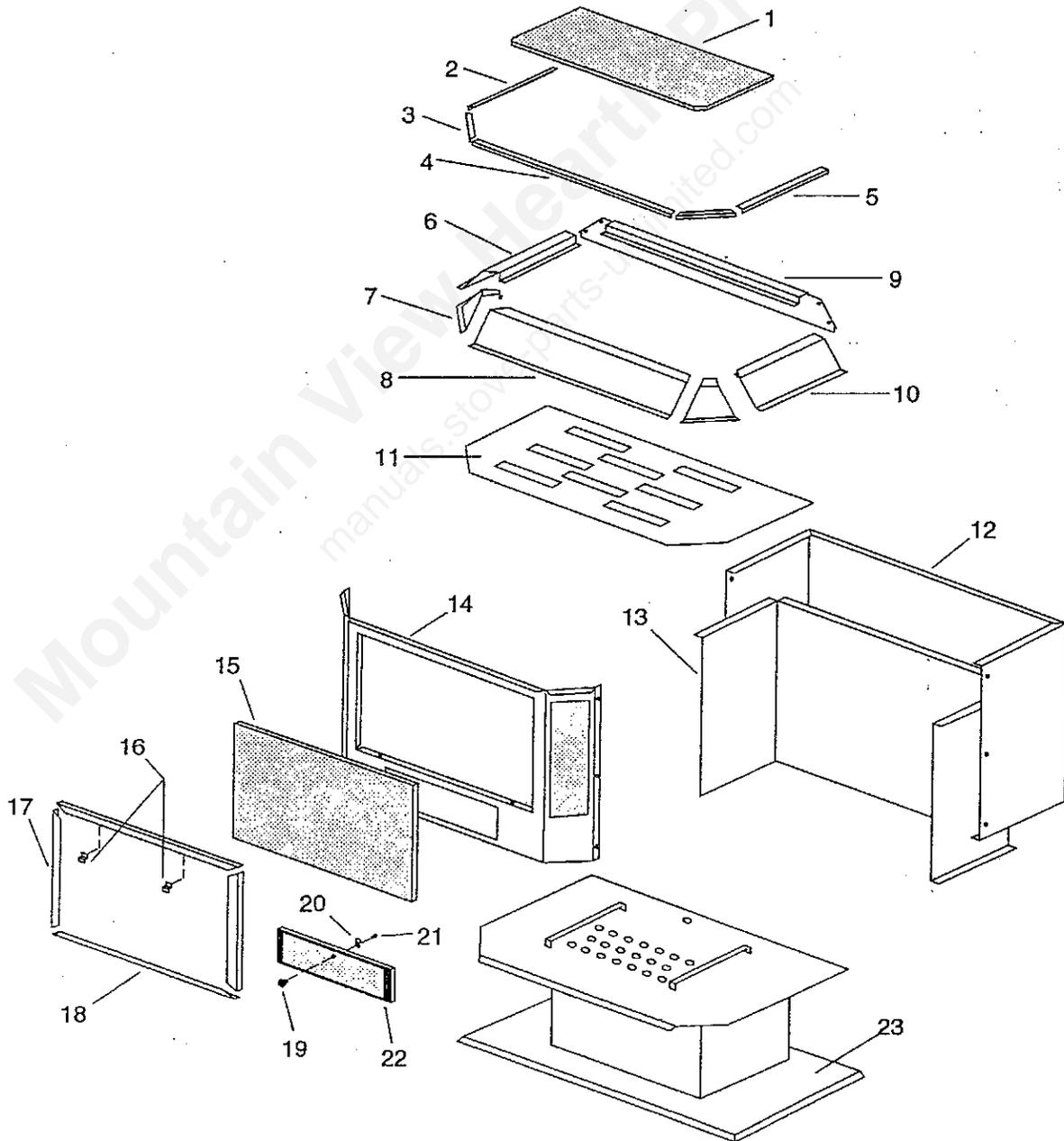


FIGURE 13. Rear Flames - Natural Gas and LPG

PARTS LIST FOR HEATER ASSEMBLY

No.	Part No.	Part Name	Qty.	No.	Part No.	Part Name	Qty.
1	24118	Top Mesh	1	14	68937	Front Assembly	1
2	89721	Left Side Trim	1	15	68940	Front Mesh Assembly	1
3	89718	Corner Trim	2	16	24111	Glass Retainer Bracket	2
4	89719	Front Trim	1	17	89723	Side Brass Trim (Left/Right)	2
5	89720	Right Side Trim	1	18	89722	Top/Bottom Brass Trim	2
6	89725	Top, Left Side	1	19	89336	Access Door Knob	1
7	89724	Top, Corner (Left/ Right)	2	20	24129	Door Clip	1
8	89727	Top, Front	1	21	83115	10-32 x 1/2 Machine Screw	1
9	24127	Top, Back	1	22	68941	Lower Mesh Door Assembly	1
10	89726	Top, Right Side	1	23	68935	Pedestal Assembly	1
11	24115	Firebox Top	1	*	89728	Flex Connector	1
12	24116	Outside Wrapper	1	*	24125	Insulation	1
13	24114	Inside Liner	1	*		NOT SHOWN	



PARTS LIST FOR GAS LOG ASSEMBLY

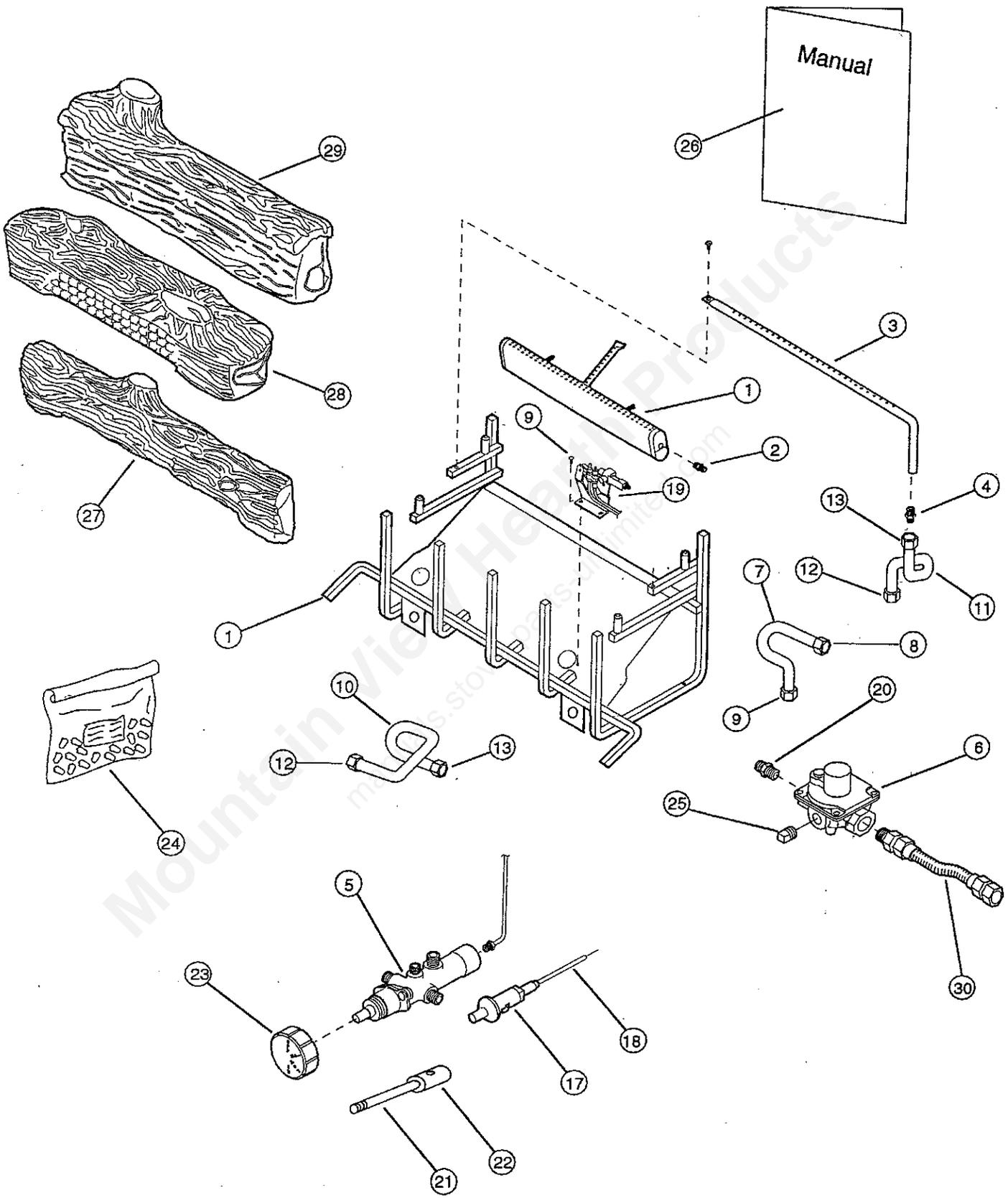
18" Natural Gas and Propane/LPG Models				
Exploded View No.	Part No.	Part Name	Quantity	
			Natural	LPG
1.	14D0514	Burner Front	1	1
2.	14D0566	Injector Front	1	-
	K0915	Injector Front	-	1
3.	14D0533	Burner Rear	1	1
4.	14D0567	Injector Rear	1	-
	14D0563	Injector Rear	-	1
5.	K0910	Valve Control Manual	1	1
6.	18D0351	Valve Pressure Regulator	1	-
	18D0352	Valve Pressure Regulator	-	1
7.	14D0311	Tube 5/16 Regulator/Valve	1	1
8.	K0917	Nut 5/16 Tube	2	2
9.	K0918	Ferrule 5/16 Tube	2	2
10.	14D0307	Tube 1/4 Valve/Front Burner	1	1
11.	14D0303	Tube 1/4 Valve/Rear Burner	1	1
12.	F0079	Nut 1/4 Tube	4	4
13.	F0080	Ferrule 1/4 Tube	4	4
14.	14D0302	Tube 3/16 Valve/ODS Pilot	1	1
15.	F0077	Nut 3/16 Tube	2	2
16.	F0078	Ferrule 3/16 Tube	2	2
17.	14D0503	Piezo Ignitor	1	1
18.	K0632	Wire Piezo	1	1
19.	15D1013	ODS Pilot Assembly	1	-
	15D1022	ODS Pilot Assembly	-	1
20.	11V0313	Fitting 3/8 NPT x 5/16 Tube	1	1
21.	F0487	Shaft Extension Valve/Knob	1	1
22.	F0490	Cotter Pin	1	1
23.	14D0700	Control Knob	1	1
24.	F0540	Decorative Volcanic Rock - <i>ERROR.</i>	1	1
25.	F0092	Plug Pipe 1/8 NPT	1	1
26.	851163	Manual	1	1
27.	14D9001	Front Log	1	1
28.	14D9002	Center Log	1	1
29.	14D9003	Rear Log	1	1
30.	89728	Flex Connector	1	1

NOTE: All gas line tubes are supplied with appropriate nuts and ferrules. Screws and washers are available at hardware stores.

*Volcanic Rock is supplied with unit that sets in fireplace
typo //*

*Not in units per Rev
Volcanic Rock affected the combustion of the unit. //*

LOG ASSEMBLY



TROUBLESHOOTING

WARNING

Turn off and let cool before servicing. Only a qualified service person should service and repair heater.

NOTE: All troubleshooting items are listed in order of operation.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
When ignitor button is pressed, there is no spark at ODS/Pilot.	Ignitor electrode positioned wrong	Replace ignitor.
	Ignitor electrode is broken	Replace ignitor.
	Ignitor electrode not connected to ignitor cable.	Reconnect ignitor cable.
	Ignitor cable pinched or wet keep ignitor cable dry.	Free ignitor cable if pinched by any metal or tubing.
	Broken ignitor cable	Replace ignitor cable.
	Bad piezo ignitor	Replace piezo ignitor.
Appliance produces unwanted odors.	Appliance burning vapors from paint, hair spray, glues, etc.	Ventilate room. Stop using odor-causing products while heater is running.
	Gas leak.	Locate and correct all leaks.
Appliance shuts off in use.	Not enough fresh air is available for ODS/Pilot to operate.	Open window and/or door ventilation
	Low line pressure.	Contact local gas company.
	ODS/Pilot is partially clogged.	Clean ODS/Pilot.
Gas odor even when control knob is in OFF position.	Gas leak.	Locate and correct all leaks.
	Control valve defective.	Replace control valve.
When ignitor button is pressed, there is spark at ODS/Pilot, but no ignition.	Gas supply turned off or manual shutoff valve closed.	Turn on gas supply or open manual shutoff valve.
	Control knob not in PILOT position.	Turn control knob while in PILOT position.
	Control knob not pressed in while in Pilot position	Press in control knob while in PILOT position.
	Air in gas lines when installed.	Continue holding down control knob. Repeat igniting operation until air is removed
	ODS/Pilot is clogged.	Replace ODS/pilot assembly or get is serviced
	Gas regulator setting is not correct.	Replace gas regulator.
ODS/Pilot lights, but flame goes out when control knob is released.	Control knob not fully pressed in.	Press in control knob fully.
	Control knob not pressed in long enough.	After ODS/pilot lights, keep control knob pressed in 30 seconds.
	Manual shutoff valve not fully open.	Fully open manual shutoff valve.

TROUBLESHOOTING, CONTINUED...

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
<p>ODS/Pilot lights, but flame goes out When control knob is released. (continued from page 16)</p>	<p>Thermocouple connection loose at control valve. Pilot flame not touching thermocouple, which allows thermocouple to cool, causing pilot flame to go out. This problem could be caused by either low gas pressure, or a dirty or partially clogged ODS/pilot. Thermocouple damaged. Control valve damaged.</p>	<p>Hand tighten until snug, then tighten 1/4 turn more. Contact local gas company.</p> <p>Replace thermocouple. Replace control valve.</p>
<p>One or both burner do not light after ODS/pilot is lit.</p>	<p>Burner orifice is clogged. Burner orifice diameter is too small. Inlet gas pressure is too low.</p>	<p>Clean burner or replace burner orifice. Replace burner orifice. Contact qualified service person.</p>
<p>Burner backfires during combustion.</p>	<p>Manifold pressure is too low. Burner orifice is clogged.</p>	<p>Contact local gas company. Clean burner or replace burner orifice.</p>
<p>Slight smoke or odor during initial operation.</p>	<p>Burner orifice is clogged or damaged. Burner is damaged. Gas regulator defective.</p>	<p>Clean burner or replace burner orifice. Replace burner. Replace gas regulator.</p>
<p>Logs appear to smoke after initial operation.</p>	<p>Vapors from paint or curing process of logs.</p>	<p>Problem will stop after a few hours of operation. Run the heater with the damper open if you have one, or open a window for the first few hours. Log heater is intended to be smokeless. Turn OFF heater and call qualified service person.</p>
<p>Heater produces a whistling noise when burner is lit.</p>	<p>Turning control knob to HIGH (3) position when burner is cold. Air in gas line. Dirty or partially clogged burner orifice.</p>	<p>Turn control knob to LOW (2) position and let warm up for a minute. Operate burner until air is removed from line. Have gas line checked by local gas company. Clean burner or replace burner orifice.</p>
<p>No gas to pilot.</p>	<p>LP-regulator shut down due to inlet pressure too high.</p>	<p>Verify LP tank regulator is installed and set to 11" to 13"w.c. Replace regulator on heater.</p>

WARNING

If the gas quality is bad, your pilot may not stay lit, the burners may produce soot and the heater may backfire when lit. If the gas quality or pressure is low, contact your local gas supplier immediately.

LIMITED WARRANTY POLICY

This unvented gas heater is warranted for a period of one year, logs for one year, and burners for One Year, from date of purchase against defects in material or workmanship. This warranty covers only the cost of defective parts and applies only to the original consumer purchaser. The replacement of defective parts will be without charge. This warranty does not extend to (1) heater damage by accident, neglect, misuse, abuse, alteration, negligence of others, including the installation thereof by unqualified installers, (2) the costs of removal, reinstallation or transportation of defective parts on the heater, or (3) incidental or consequential damage.

THIS WARRANTY IS EXPRESSLY IN LIEU OF OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OF FITNESS FOR PURPOSE AND OF ALL OTHER OBLIGATIONS OR LIABILITIES, UNITED STATES STOVE COMPANY DOES NOT ASSUME FOR IT, ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OR USE OF THIS HEATER.

The heater (MUST BE INSTALLED BY A QUALIFIED INSTALLER) in accordance with the instructions furnished with the unit. The defective heater should be returned at your expense to the dealer from whom the product was purchased or an authorized service agent. Any products presented for warranty repair must be accompanied by a dated proof of purchase. Since some states do not allow the exclusion on limitation of incidental or consequential damages, or on how long an implied warranty lasts, the above limitations may not apply to you.

OWNERS MANUAL

HOW TO ORDER REPAIR PARTS OR "OPTIONS"

THIS MANUAL WILL HELP YOU TO OBTAIN EFFICIENT, DEPENDABLE SERVICE FROM THE FURNACE, AND ENABLE YOU TO ORDER REPAIR PARTS CORRECTLY.

KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

WHEN WRITING, ALWAYS GIVE THE FULL MODEL NUMBER WHICH IS ON THE NAMEPLATE ATTACHED TO THE FRONT OF THE FURNACE.

WHEN ORDERING REPAIR PARTS OR OPTIONS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST:

1. The **PART NUMBER**
2. The **PART DESCRIPTION**
3. The **MODEL NUMBER: 9533N / 9533L**
4. The **SERIAL NUMBER** _____

BEFORE INSTALLING YOUR HEATER, FILL IN THE SERIAL NUMBER IN THE SPACE PROVIDED ABOVE FOR YOUR RECORDS.



UNITED STATES STOVE COMPANY

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(615) 837-2100