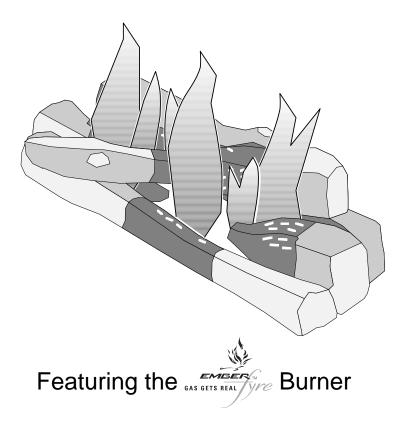
DVL Insert EF II Owner's Manual



- Direct Vent Fireplace Insert
- Masonry or Factory Built (Metal) Wood-Burning Fireplace

WARNING: If the information in these instructions 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 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 an authorized person, service agency or the gas supplier.

This appliance is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

Installer: After installation give this manual to the home-owner Dragon Who and explain operation of this heater. Unit 2, 14-16 Lexi

Dragon Wholesaling Pty Ltd Unit 2, 14-16 Lexington Drive, Norwest NSW. Australia 2153

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Introduction

We welcome you as a new owner of a DVL Insert. In purchasing this fireplace insert you have joined the growing ranks of concerned individuals whose selection of an energy system reflects both a concern for the environment and aesthetics. It is one of the finest home heaters the world over. This manual will explain the installation, operation, and maintenance of this heater. Please familiarize yourself with the Owner's Manual before operating your heater and save the manual for future reference. Included are helpful hints and suggestions that will make the operation and maintenance of your new heater an easier and more enjoyable experience. We offer our continual support and guidance to help you achieve the maximum benefit and enjoyment from your heater.

Important Information

No other DVL Insert has the same serial number as yours. The serial number is below and to the left of the		Mail your warranty card to:
gas control valve.		Dragon Wholesaling
		Unit 5, 21A Victoria Avenue
	be needed in case you require	Castle Hill, NSW
service of any type.		2154
		Save Your Bill of Sale.
Model:	DVL Insert EF II	To receive full warranty coverage, you will need to show evidence of the date you purchased your heater. Do not mail your Bill
Serial Number:		of Sale to us.
Purchase Date:		We suggest that you attach your Bill of Sale to this page so that you will have all the information you need in one place should the need for service or information occur.
Purchased From:		

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Safety Precautions



IF YOU SMELL GAS:

- * Do not light any appliance
- * Extinguish any open flame
- * Do not touch any electrical switch or plug or unplug anything
- * Open windows and vacate building
- * Call gas supplier from neighbor's house, if not reached, call fire department

This unit must be installed by an authorized person to prevent the possibility of an explosion. Your dealer will know the requirements in your area and can inform you of those people considered qualified. The room heater should be inspected and cleaned 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.

The instructions in this manual must be strictly adhered to. Do not use makeshift methods or compromise in the installation. Improper installation will void the warranty and safety listing.



Look for this label:

For LPG only | Pout 2.49 KPa

If the label is present, the heater is equipped for LP (propane). If the label is absent, the heater is equipped for NG (natural gas). This heater is either approved for natural gas (NG) or for LPG. Burning the incorrect fuel will void the warranty and safety listing and may cause an extreme safety hazard. Direct questions about the type of fuel used to your dealer. Check the label and flame adjust knob on the gas control valve.



Contact your local building officials to obtain a permit and information on any installation restrictions or inspection requirements in your area. Notify your insurance company of this heater as well.

requirements in your area. Notify your insurance company of this heater as well. It is imperative that control



compartments, screens, or circulating air passageways of the heater be kept clean and free of obstructions. These areas provide the air necessary for safe operation.

- DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
 - DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.



If the flame becomes sooty, dark orange in color, or extremely tall, do not operate the heater. Call your dealer and arrange for proper servicing.



Do not operate the heater if it is not operating properly in any fashion or if you are uncertain. Call your dealer for a full explanation of your heater and what to expect.



- Do not operate if any portion of the heater was submerged in water or if any corrosion occurs.
- Not suitable for operation in marine environment.

Safety Precautions



Do not place clothing or other flammable items on or near the heater. Because this heater can be controlled by a thermostat there is a possibility of the heater turning on and igniting any items placed on or near it.



The viewing glass should be opened only for lighting the pilot or conducting service. Do not operate with cracked, broken, or removed glass.

Any safety screen or guard removed for servicing must be replaced prior to operating the heater.

Operate the heater according to the instructions included in this manual.

If the main burners do not start correctly turn the gas off at the gas control valve and call your dealer for service.



This unit is not for use with solid fuel Do not place anything inside the

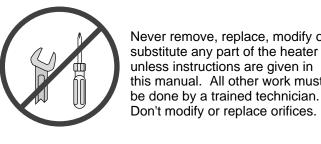
firebox (except the included fiber logs).

If the fiber logs become damaged, replace with Travis Industries log set.

Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition. Young children should be supervised when they are in the same room as the heater.



Instruct everyone in the house how to shut gas off to the appliance and at the gas main shutoff valve. The gas main shutoff valve is usually next to the gas meter or LPG tank and requires a wrench to shut off.



cleaning. Never remove, replace, modify or substitute any part of the heater unless instructions are given in this manual. All other work must



The pilot flame must contact the thermopile and thermocouple (see the illustration to the left). If it does not, turn the gas control valve to "OFF" and call your dealer.



Do not throw this manual away. This manual has important operating and maintenance instructions that you will need at a later time. Always follow the instructions in this manual.



Plug the heater into a 240V grounded electrical outlet. Do not remove the grounding plug.

Don't route the electrical cord in front of, over, or under the heater



Dragon Wholesaling Pty. Inc. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility of any consequential damage(s).

© Travis Industries

Features and Specifications

Features

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- Works During Power Outages (millivolt system)
- High Efficiency
- Optional Thermostat or Remote Control
- Ember Fyre™ Burner for "Wood Fire" Look
- Quiet Blower for Effective Heat Distribution
- Convenient Operating Controls
- Variable-Rate Heat Output
- Low Maintenance

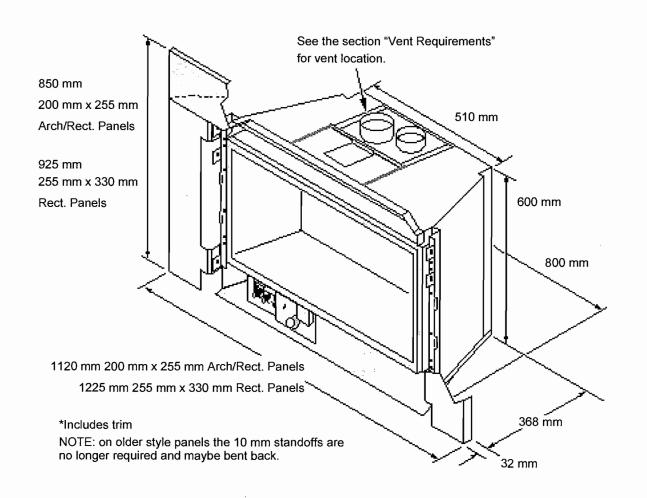
Heating Specifications

Installation Options

- Fireplace Insert
- Masonry Fireplace

		Natural Gas	LPG
	Approximate Heating Capacity (in square meters)*	55.7 to 185.8	55.7 to 185.8
	Maximum MJ/h Input Per Hour	42.2	42.2
	Minimum MJ/h Input on Low	25.8	30.6
*	Heating capacity will vary with floor plan, insulation, and	d outside temperature.	

Dimensions



Installation Warnings

- This appliance must be installed only by authorized persons and in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, electrical wiring regulations, AS 5601-2004: *Gas Installations* and any other statutory regulations.
- Failure to follow all of the requirements may result in property damage, bodily injury, or even death.
- This heater must be installed by an authorized person who has gone through a training program for the installation of direct vent gas appliances.
- The heater is designed to operate on natural gas, or LPG. Ensure that the available gas supply matches the Data Label.
- All exhaust gases must be vented outside the structure of the living-area. Combustion air is drawn from outside the living-area structure.
- Notify your insurance company before hooking up this heater.
- The requirements listed below are divided into sections. All requirements must be met simultaneously. The order of installation is not rigid the authorized person should follow the procedure best suited for the installation.

Packing List

- Top Convection Deflector (with screws)
- LPG Conversion Kit

- Glass Latch Key (to un-latch glass frame)
- "Fireplace Altered" tag (attach to the fireplace)
- FPX Face Brackets (see pg. 11 for details)

Log Set

Additional Items Required

- Faceplate
- 168 mm (6-5/8") to 76 mm (3") & 102 mm (4") Co-Linear Adapter with flashing (Travis part # 98900124)
- 76 mm (3") and 102 mm (4") Diameter Gas Liner
- Direct Vent Cap (Simpson Duravent Part # 991)
- Gas Line Equipment (shutoff valve, pipe, etc.)

Items Packed with the Face

- Face with attachment hardware and cove covers (if necessary)
- Face Installation Instructions

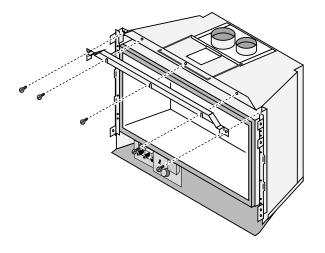
Order of Installation

- 1 Install the Top Convection Deflector (see page 8).
- 2 If the heater is to use LPG, install the LPG conversion kit (see page 36).
- **3** Install gas line into the fireplace (do not connect to unit).
- 4 Position the heater.
- 5 Connect the gas line and gas vent to the appliance.
- 6 Install the optional surround panels and trim. Attach the on/off switch.
- 7 Follow the instructions under "Finalizing the Installation" on page 24.

Top Convection Deflector

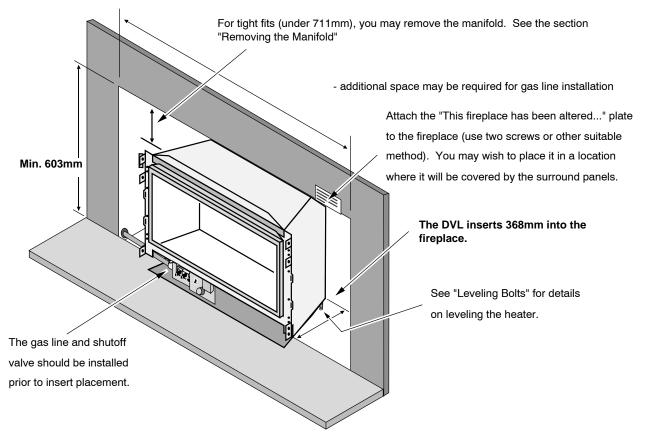
Install the top convection deflector as shown to the right.

The deflector is shipped on top of the insert. The screws are shipped inside the owner's pack.



Fireplace Requirements

- Insert must be placed within a code-conforming masonry fireplace. Repair any fireplace damage prior to installation.
- Because the insert uses a circulation blower, clean the fireplace, smoke shelf, and chimney prior to installation.
- This heater may be placed in a bedroom. Please be aware of the large amount of heat this appliance produces when determining a location.



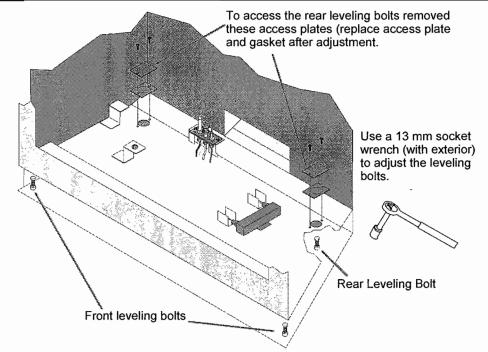
Hearth Requirements

The heater and face must not contact combustible surfaces. A non-combustible hearth extension is not required. However, if the heater is installed next to the floor, we recommend a hearth to protect the flooring surface from discoloration or other negative impact from the heater.

Leveling Bolts

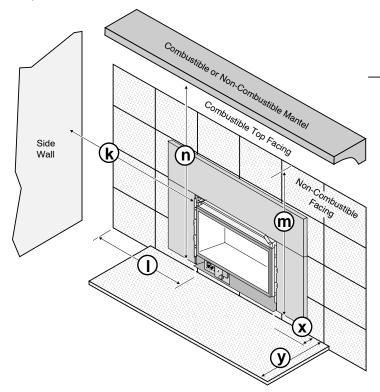
This heater includes front and rear leveling bolts to accommodate fireplaces with a stepdown firebox.

<u>NOTE</u>: To access the rear leveling bolts, remove the burner (see page38).



Clearances

Due to the high temperature of the heater, it should be located out of traffic and away from furniture and draperies.



Minimum Clearances

255mm

102mm

900mm**

1000mm**

305mm

35mm

- k Sidewall to Insert
- I Side Facing
- m Top Facing*
- n Mantel*
- n wanter
- y Hearth Extension
- x Extension onto Hearth

* The non-combustible top facing must extend

25mm above the top of the surround panels.

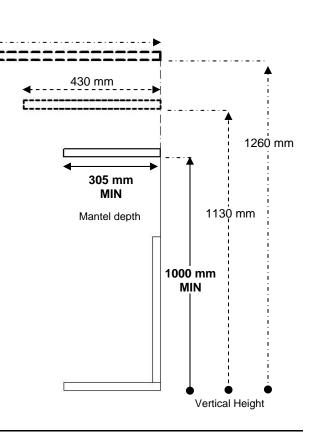
** Measured from the base of the insert.

Mantel Clearances

The maximum mantel depth is 305 mm at 1000 mm vertical height.

** For mantel sizes over 305 mm, the vertical height must be raised to the equivalent length of the extended mantel depth as reference from the MIN value (305 mm).

NOTE: The combustible area above the facing must not protrude more than 19 mm from the facing. If it does, it is considered a mantel and must meet the mantel requirements listed in this manual.



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Installation (for authorized personnel only)

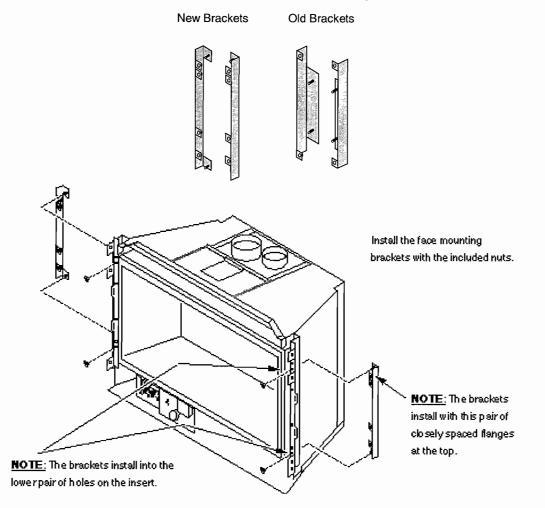
Face Sizing

Face	Height	Width	Notes
Rawhide	686 mm	908 mm	
Victorian	686 mm	908 mm	
Rosario	660 mm	908 mm	
Cambridge	657 mm	956 mm	
Craftsman	699 mm	914 mm	
Bungalow	686 mm	832 mm	
Classic Arched, Artisan	673 mm	883 mm	Side begins arch 89 mm below top – 1143 mm radius
Metropolitan	673 mm	883 mm	
Architectural Series	708 mm	854 mm	
Discovery	660 mm	908 mm	
Wilmington	686 mm	918 mm	

Face Mounting Brackets – Arched, Artisan, Metropolitan, Victorian Lace

Some Arched, Artisan, Metropolitan and Victorian Lace Faces include old brackets that will not mount to the heater (see illustration below). For these faces, make sure to use the new mounting brackets (either included with the heater or available through your dealer - SKU 225-20054).

WARNING: When attaching the Victorian Lace Face, <u>do not over-tighten the screws</u>. Over-tightening the screws may damage the face – simply tighten the screws until they contact the face.



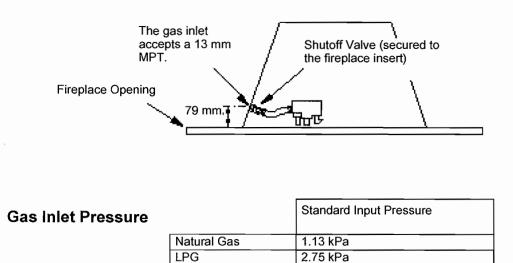
Installation (for authorized personnel only)

Gas Line Requirements

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- The gas line must be installed in accordance with AS 5601-2004: Gas Installations.
- An AGA Certified manual shutoff valve is required within 914 mm of the heater. It should be placed upstream of the flex line (if used) and may be installed behind the access door inside the heater).
- The heater and gas control valve must be disconnected from the gas supply piping during any pressure testing
 of that system at test pressures in excess of 2 kPa. For pressures under 2 kPa, isolate the gas supply piping
 by closing the manual shutoff valve.
- Leak test all gas line joints and the gas control valve prior to and after starting the heater.
- This heater is designed either for natural gas or for LPG (but not for both). Ensure that the available gas supply
 matches the Data Label.
- Installation must be performed by an authorized person.

Gas Line Location



- If the pressure is not sufficient, make sure the piping used is large enough, the supply regulator is adequately adjusted, and the total gas load for the residence does not exceed the amount supplied.
- The supply regulator (the regulator that attaches directly to the residence inlet or to the LPG tank) should supply gas at the suggested input pressure listed above. Contact the local gas supplier if the regulator is at an improper pressure.

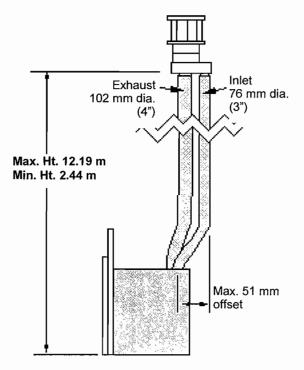
Vent Requirements

- The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use its own separate vent system.
- Make sure the exhaust pipe on the heater connects to the exhaust portion of the cap. The illustrations below show how the flex liners should be attached.
- The exhaust vent must reline the entire length of the chimney and terminate above the chimney top
- Be careful not to crimp or rupture the liner when bending it into chimney offsets
- When installed, the vent must meet all of the vent manufacturer's requirements
- Make sure to order the following:

102 mm (4") UL 441 Gas Liner for Exhaust, 76 mm (3") UL 441 Gas Liner for Air Inlet

168 mm (6-5/8") to 76 mm (3") & 102 mm (4") Co-Linear Adapter & Flashing (Travis Part # 98900124).

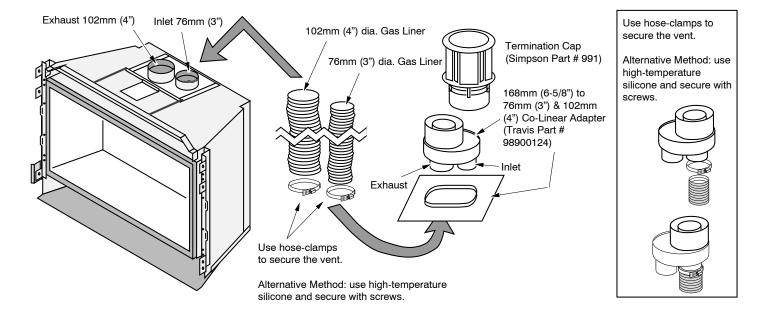
Vertical Termination Cap (Dura-Vent pt # 991)



Altitude Considerations

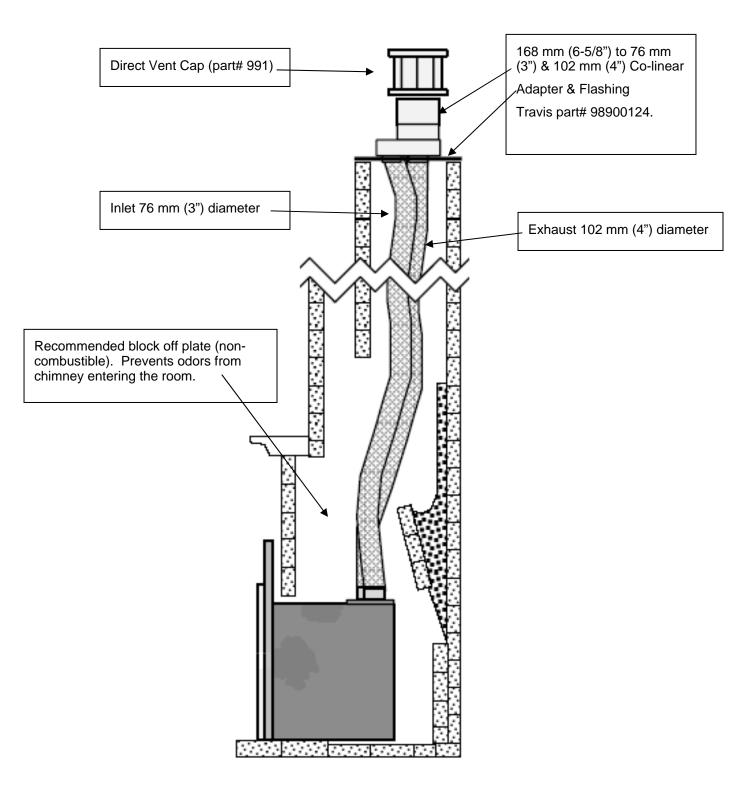
- This heater has been tested at altitudes ranging from sea level to 2,400 m. In this testing we have found that the heater, with its standard orifice, burns correctly with just an air shutter adjustment.
- Failure to adjust the air shutter properly may lead to improper combustion which can create a safety hazard. Consult your dealer or installer if you suspect an improperly adjusted air shutter.

Vent Installation



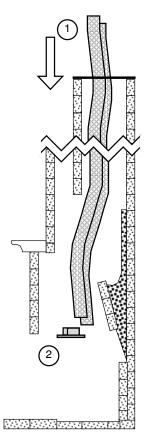
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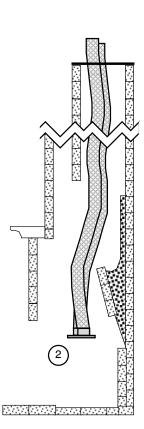
Vent Configuration

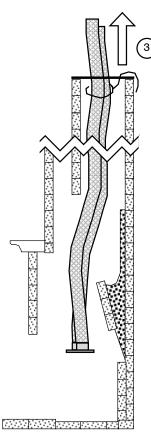


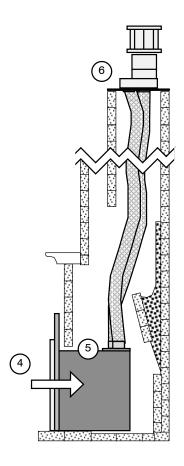
Vent Connector Removal and Installation

- The vent connector is shipped attached to the insert, but may be removed to facilitate tight installations. See the directions below for installation.
- 1. Route the flex vent through the chimney from above (leave an extra 914 mm at the top). Make sure the flex is thoroughly stretched.
- 2. Remove the vent connector and attach it to the flex vent (see the instructions on the following page). NOTE: be careful of the anti-seize on the connector it will stain clothing, etc.
- 3. Pull on the flex vent until the vent connector is at the same height as the insert. Temporarily attach the flex vent to the top of the chimney (leave extra slack).
- 4. Slide the insert into place, guiding the vent connector into the guides on top of the insert.
- 5. Attach the vent connector to the appliance (see the following page for details).
- 6. Remove any excess slack in the flex line and attach the vent termination.

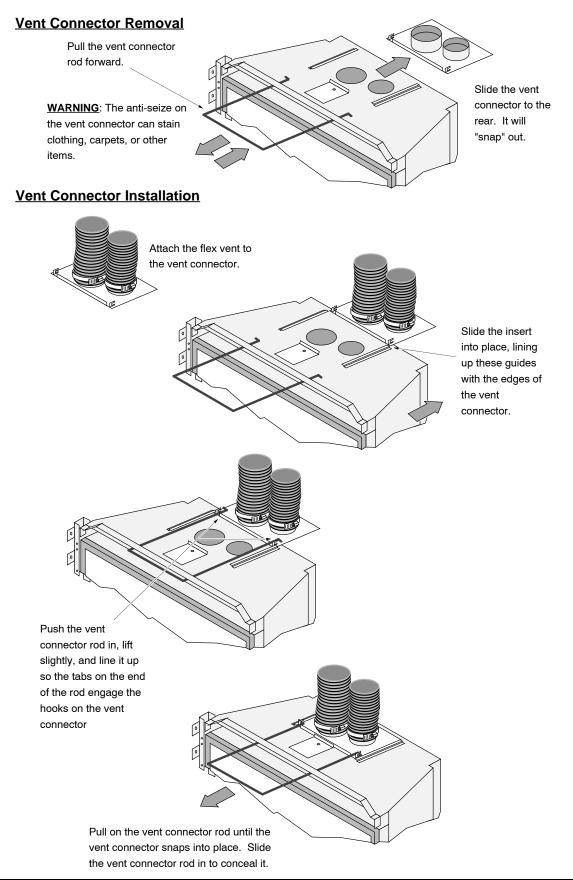








Installation (for authorized personnel only)



Installation Without Surround Panels

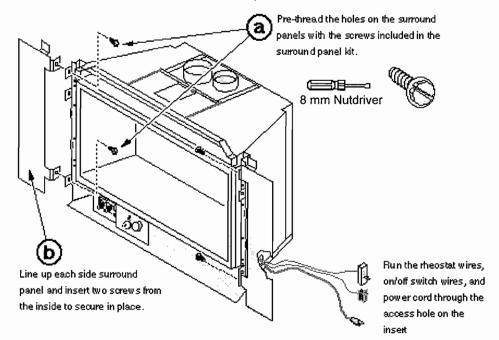
The insert may be installed without surround panels. Mount the on/off switch and rheostat to the control panel under the burner pan (see "Installation of the On/Off Switch and Rheostat" on page 19).

Surround Panel Installation

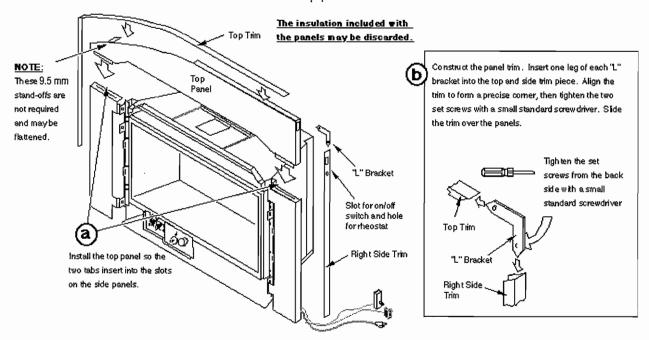
18

PANEL SIZE	WIDTH	HEIGHT	PART #
203 mm x 254 mm Rectangular	1122 mm	848 mm	98500606
Arched 203 mm x 254 mm	1122 mm	848 mm	98500608
254 mm x 330 mm Rectangular	1224 mm	924 mm	98500607

Follow the directions below to install the side panels.

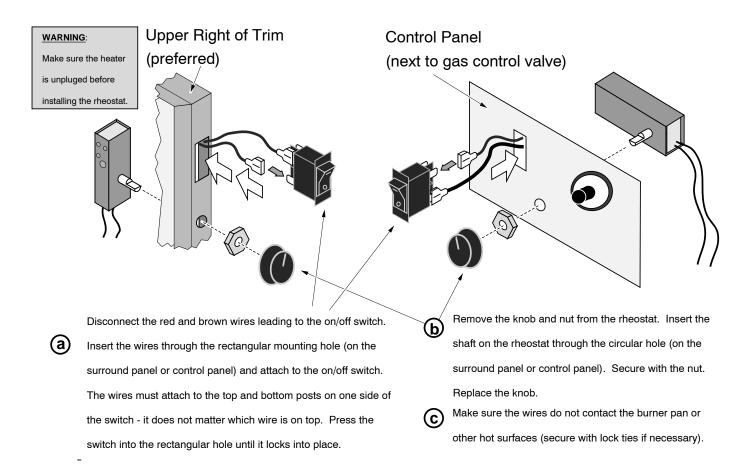


2 Follow the directions below to install the top panel.



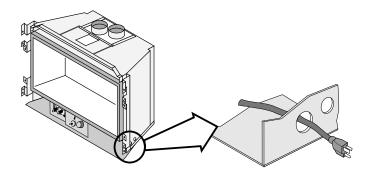
Installation of the On/Off Switch and Rheostat

The on/off switch and rheostat may be installed in either the surround panels or control panel. See the illustration below for installation details.



Electrical Connection

- Route the power cord out of the access hole on the right side of the appliance.
- Plug the power cord into a grounded 240 Volt outlet (do not remove the grounding pin).
- The electrical connection may also be made using the optional Wiring Kit (SKU 97200315).



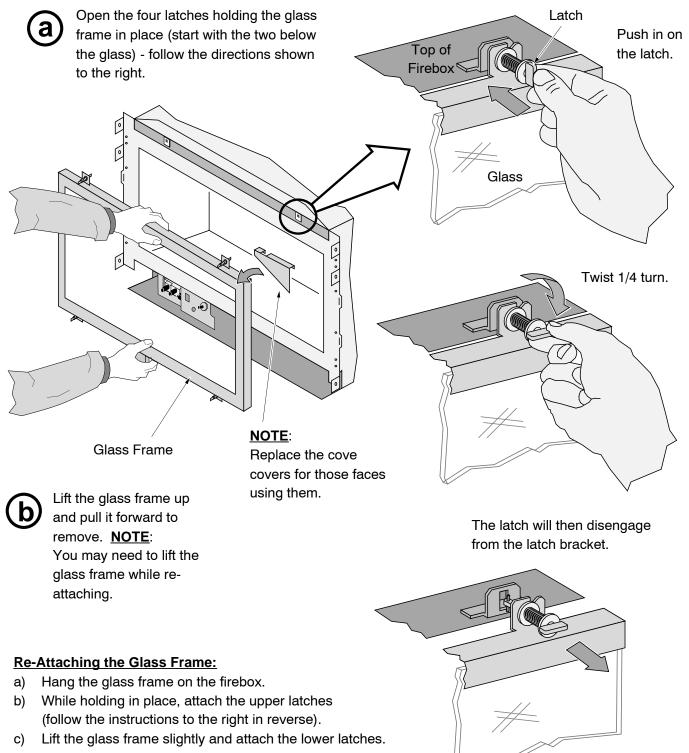
Finalizing the Installation

Glass Frame Removal and Installation

Warning: The appliance must be completely cool before removing the glass.

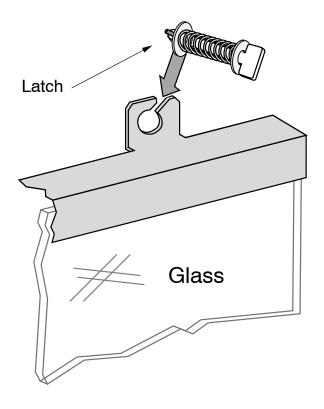
Warning: Do not strike or slam the glass.

Note: If using a Victorian Lace or Bungalow face, attach the arch covers after installing the glass.

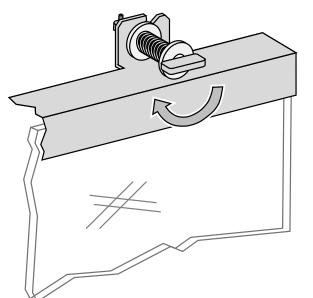


Glass Frame Removal and Installation (continued)

The glass latch can come loose from the glass frame. This occurs when the latch is turned 1/8 turn when disengaged from the unit. Follow the directions below to re-install the latch if it comes loose.



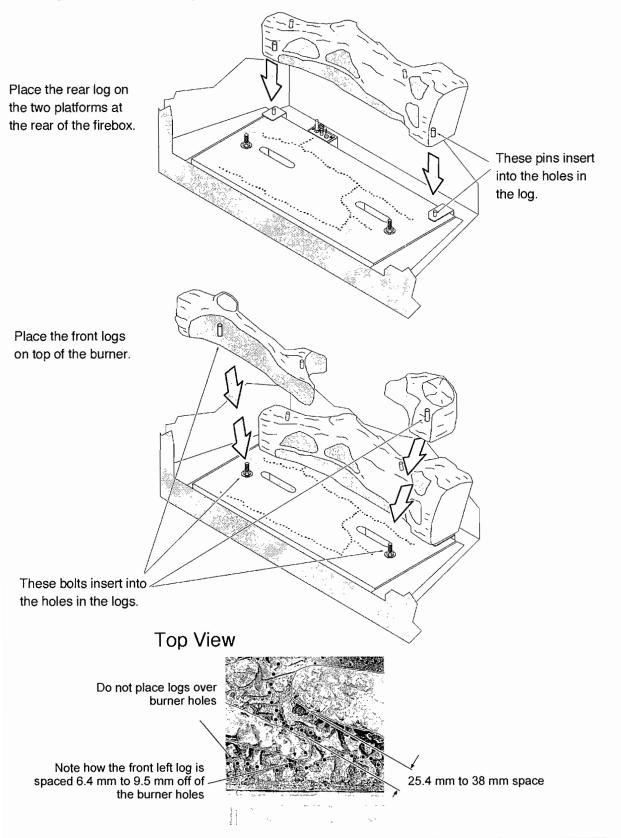
Hold the latch at an angle and insert it into the slot on the glass frame. Note how the washer fits in front of the flange on the glass frame. You will need to push slightly to get the latch to insert.



Once fully inserted, turn the latch until it is is level.

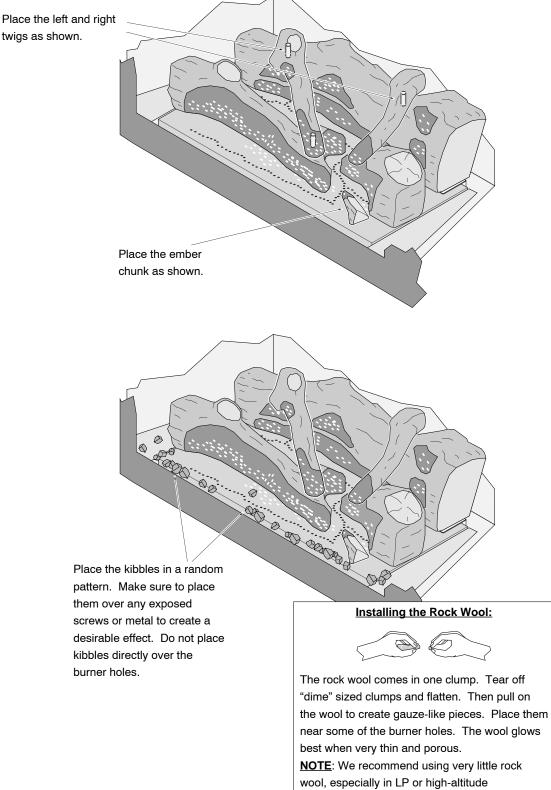
Log Set Installation

Step 1 - Install the logs



Finalizing the Installation

Step 2 - Install the twigs, ember chunk, kibbles, and rock wool



Steps for Finalizing the Installation

1. Remove the glass (see page 20).

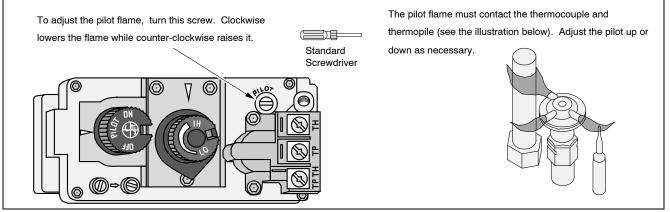
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<u>NOTE</u>: If using LPG convert the appliance prior to installing the logs.

- 2. We recommend you purge the gas line at this time (with the glass removed). This allows gas to be detected once it enters the firebox, ensuring gas does not build up.
- 3. Turn on gas to the heater. Leak test all gas joints prior to starting the appliance. Start the pilot. Start the main burner. Leak test all gas joints again.
- 4. Check the pilot flame following the directions below.

Pilot Flame Inspection

The pilot flame should look like the illustration below. Adjust the pilot flame if necessary.

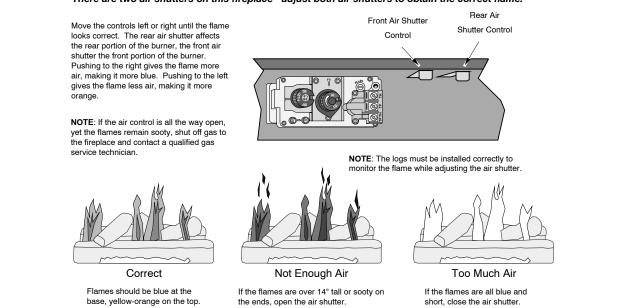


- 5. Install the logs (see page 22).
- 6. Replace the glass.
- 7. Check the air shutter following the directions below.

Air Shutter Adjustment

Let the heater burn for fifteen minutes (make sure the logs and glass are in place. The flames should look like the illustration below. Adjust the air shutter, if necessary, to achieve the correct looking flame.

There are two air shutters on this fireplace - adjust both air shutters to obtain the correct flame.

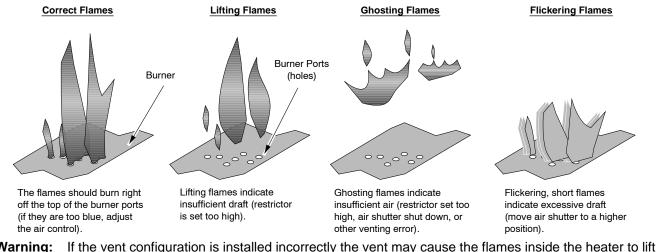


FINE TUNING THE EMBER-FYRE™ BURNER

Each installation is affected by altitude, vent configuration, and fuel quality. Because of this, the restrictor and air shutter may need to be fine tuned to each installation. Follow the hints below to fine-tune the burner for optimum performance and aesthetics.

Air Shutter Hints:

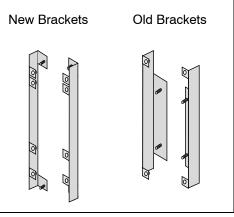
- For more glow, open the air shutter, however, this will make the flames more blue.
- For yellow flames, close the air shutter, however, this may create less glow.



- **Warning:** If the vent configuration is installed incorrectly the vent may cause the flames inside the heater to lift or "ghost" a dangerous situation. Inspect the flames after installation to insure proper performance. If the vent configuration is correct, yet the flames are lifting or ghosting, shut off gas to the heater and contact the dealer for information on remedying the problem.
 - 8. Replace the glass.
 - 9. Attach the face following the directions included with the face.

NOTE: If using the Classic Arched, Artisan, Metropolitan or Victorian Lace Face you must use the face mounting brackets included with the heater (SKU 225-20054). See page 11 for details.

 Turn the flame adjust knob to its highest position - the flames should not contact the top of the firebox. Check the flame on low position. The flames should burn off of each burner hole. If the heater does not work correctly, contact your dealer for a remedy.

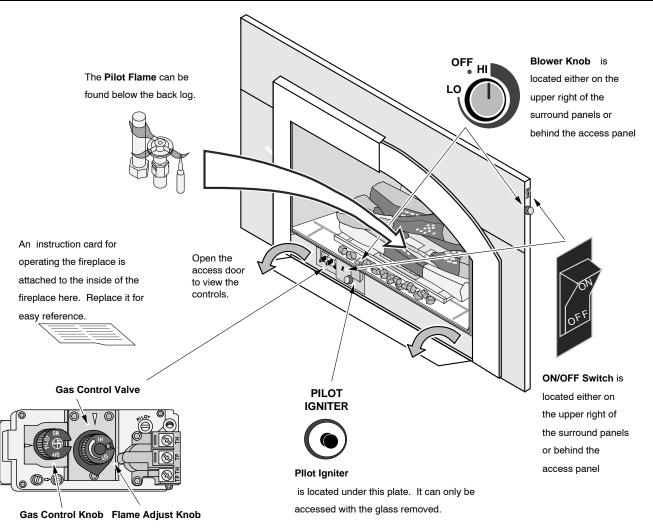


11. Give this manual to the home owner and fully explain the operation of this heater.

Before You Begin

• Read this entire manual before you use your new heater (especially the section "Safety Precautions" on pages 4 & 5). Failure to follow the instructions may result in property damage, bodily injury, or even death.

Location of Controls



Blower Knob	This knob controls the speed of the internal convection blower that pushes the heated air into the room.
On/Off Switch	This control is used to turn the heater on and off.
Pilot Igniter	The pilot igniter is used only to start the pilot. When pressed, it sends an electrical charge to the pilot assembly. This creates a blue spark directly next to the pilot, igniting the pilot flame.
Gas Control Knob	This knob is used to control gas to the heater and for starting the pilot. There are three positions, ON, OFF, & PILOT. The pointer to the left of the knob indicates the position this knob is in.
Flame Adjust Knob	This knob controls the flame height from low ("LO") to high ("HI"). The pointer above the knob points to the position this knob is in.

Starting The Pilot Flame

The pilot flame is required to ignite the main burners (it also plays a safety role). It should be left on once lit. It will stay lit unless the gas control valve is turned to "OFF". However, the pilot will go out if the gas is shut off, the LPG tank runs out (or low) or if the stove malfunctions. If the pilot turns off frequently, call your dealer for information. To start the pilot follow the directions below:

WARNING:

When lighting or re-lighting the pilot, the glass must be removed (see page 20).

- a Remove the glass (see page 20 for details).
- b Push the gas control knob in slightly and turn it to the "OFF" position. The knob will not turn from "ON" to "OFF" unless the knob is depressed slightly. Wait five minutes to let any gas that may have accumulated inside the firebox escape. If you smell leaking gas, follow the directions on the cover "IF YOU SMELL GAS".
- c Turn the gas control knob to the "PILOT" position and press the knob in, this will allow gas to flow to the pilot light. Press the button on the pilot igniter repeatedly until you see the pilot light.

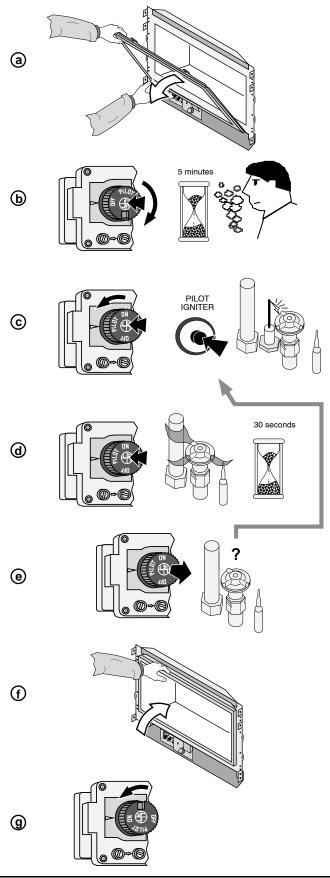
WARNING:

If the pilot does not light after 15 seconds, release the knob and call your dealer for service. Do not attempt to light pilot until service has been performed.

NOTE:

You may wish to remove the log set to gain a better view of the pilot (see page 22).

- **d** Keep the gas control knob depressed for 30 seconds once it is lit.
- e Release the gas control knob. If the pilot goes out, repeat step C. If the pilot refuses to stay lit, call your dealer for service. With the pilot lit, proceed to step "f".
- f Replace the glass.
- **g** Turn the gas control knob counter-clockwise to "ON". The pilot is now lit and the heater can be turned on and off.

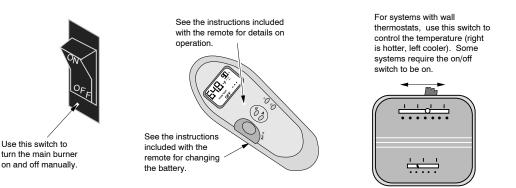


Starting the Heater for the First Time

- Burn the heater at a high setting with the blower off for an extended period (up to 48 hours). This will cure the painted surfaces. **Fumes** from the paint curing and oil burning off the steel will occur. This is normal. We recommend opening a window to vent the room.
- Condensation may appear on the glass each time you start the heater this is normal.
- Blue Flames will occur on the heater when it first comes on. After fifteen minutes the flames will turn a more realistic yellow and orange color.
- Certain installations use a remote "wall switch" to turn the heater on and off. If this is the case, leave the ON/OFF switch "ON".

Turning the Heater On and Off

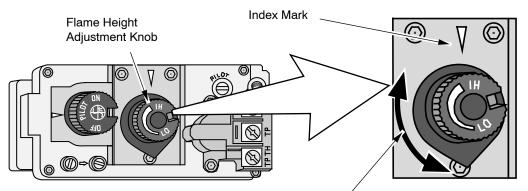
After the pilot has been started...



- Do not place any combustible items on top of or directly in front of the heater, even temporarily. The optional thermostat may start the heater causing a combustible item to ignite.
- If the heater turns on and off frequently while using the thermostat, you may want to adjust the flame height down until it produces just enough heat needed.

Adjusting the Flame Height

Your heater has an adjustable flame to tailor the look and heat output to your specific needs. It is
adjusted by turning the middle dial on the gas control valve.

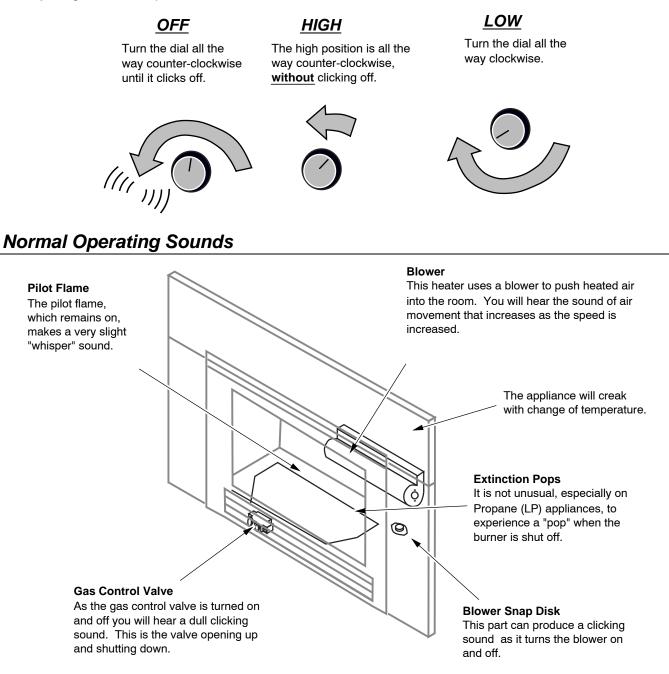


Turn counter-clockwise to adjust the flame higher, clockwise to lower.

Operation

Adjusting the Blower Speed

The blower helps transfer heat from the heater into the room. It will not turn on until the heater is up to temperature (approximately 10 minutes after starting). See the illustration below for instructions on adjusting the blower speed.



Normal Operating Odors

This appliance has several areas that reach high temperatures. Dust or other particles on these areas may burn and create an odor. This is normal during start-up. You may notice the smell is more acute if the appliance was left idle for a long period.

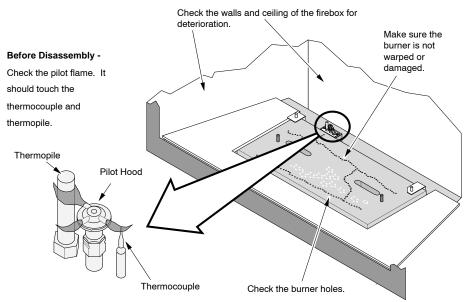
Safety Label

Maintaining Your Heater's Appearance

Fingerprints or other marks left on the optional plated surface may become etched in place if they are not wiped clean prior to turning the heater on. Clean the plated surfaces with denatured alcohol and a soft cloth (with the heater cool). Other cleaners may leave a film that may become etched into the surface.

Yearly Service Procedure

- Failure to inspect and maintain the heater may lead to improper combustion and a potentially dangerous situation. Servicing should only be carried out by an authorized person.
- 1. Check the pilot flame. It should touch approximately 9.5 mm of the top of the thermopile and touch the top of the thermocouple (see illustration below). If it does not, contact your dealer for service.
- 2. Shut off gas to the heater by turning the gas control knob to "OFF" (see step A under "Starting the Pilot" on page 28). Let the heater cool for 15 minutes. Remove the face (see the instructions included with the face) and glass (see page 20).
- 3. Remove the log set (**NOTE: the logs are very fragile -** see page 22). If severely deteriorated, replace. Check the logs for sooting. A small amount of soot along the bottom of the logs is normal. If excessive sooting is found, the heater will require adjustment. Contact your dealer.
- 4. Clean the burner (especially the burner holes) and inspect the following:
 - Make sure the burner is not warped, cracked, or damaged.
 - Check the firebox and area around the pilot to make sure there is no warping or damage.
 - If any problem is found, discontinue use and contact your dealer for service.



- 5. Replace the log set. Clean and replace the glass (use non-abrasive cleaner if damaged, replace). Make sure the gasket along the perimeter of the glass contacts the face of the firebox and forms an air-tight seal. If it does not, re-align or replace the gasket to insure an air-tight seal. Replace the faceplate.
- 6. Inspect the area behind the access door. Check the gas control valve and the gas lines. If damage is found, discontinue use and contact your dealer for service. Clean the air channels, ducts, and the area around the blower.
- 7. Start the pilot and turn on the main burner. The flames should be orange/yellow and not touch the top of the firebox. If the pilot or main burners do not burn correctly, contact your dealer for service. Monitor the blower operation.
- 8. Remove any debris or vegetation near the vent termination. Contact your dealer if any sooting or deterioration is found near the vent termination.

Troubleshooting Table

Problem:	Possible Cause:	Don't Call for Service Until You:
Pilot Will Not Light	A gas shut off valve is turned off The gas control knob isn't turned to "PILOT" The valve control knob isn't pushed in The igniter wasn't pressed repeatedly No LPG in Tank	Check all gas shut off valves See "Starting the Pilot Light" Step C See "Starting the Pilot Light" Step C See "Starting the Pilot Light" Step C Check Tank Level
Main Burners Will	The pilot light has gone out The gas control valve is turned to "PILOT" or "OFF"	See "Starting the Pilot Light" See "Starting the Pilot Light"
Not Start	The ON/OFF switch is turned to "OFF" The remote control is not working correctly The thermostat is disconnected or set too low	Turn the ON/OFF switch to "ON" See the remote control instructions See "Thermostat Operation"
Remote Control Does Not Work	The pilot light has gone out The gas control valve is turned to "PILOT" or "OFF" The ON/OFF switch is turned to "OFF" The remote is too far away from the heater	See "Starting the Pilot Light" See "Starting the Pilot Light" Turn the ON/OFF switch to "ON" Use the remote closer to the heater
	The remote control receiver is turned "Off" One of the two remote control batteries is dead	See the remote control instructions See the remote control instructions
Thermostat Does Not Work	The pilot light has gone out The gas control valve is turned to "PILOT" or "OFF" The ON/OFF switch is turned to "OFF" The thermostat is set too low	See "Starting the Pilot Light" See "Starting the Pilot Light" Turn the ON/OFF switch to "ON" See "Thermostat Operation"
Heater Will Not Distribute Heat	The heater is not getting electricity The heater is not up to temperature	Check the breaker switch See "Operating Your Heater"
Pilot Goes Out Intermittently	The gas supply has been shut off	Keep the gas supply turned on
Flames Are Too Blue	The heater has just been started	This is normal - see "Starting the Heater for the First Time" Adjust Air Shutter - contact your dealer
Flames Are Too Short (Under 152 mm)	The flame height may be turned too low	Turn the flame height to "HI" - See "Adjusting the Flame Height"
Thin Layer of Soot Covers the Glass	The logs or coals are placed incorrectly Improper air shutter adjustment	See "Log Set Installation" Adjust Air Shutter - contact your dealer

Safety Label

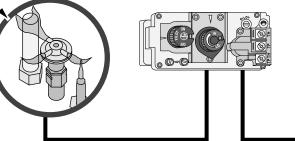
How this Heater Works

This heater was designed with safety as the primary concern. Many of the components inside this heater are for safety purposes. Therefore, only certified gas service technicians should service this heater.

What Turns the Main Burners On and Off

This heater uses a millivolt system to control its operation (a millivolt is a very small amount of electricity). The thermopile and thermocouple generate electricity when heated by the pilot flame. This electricity is used to operate the gas valve. Without enough electricity, the gas valve will not turn on. That is why when starting the pilot the gas control knob has to be pressed in long enough for the thermocouple to heat up and generate enough electricity. The thermopile provides power for the ON/OFF switch, remote control, or thermostat (see the illustration below). Because the thermopile generates the electricity needed to turn the heater on and off, this heater can be operated when the power is out (although the blower will not run).

When heated, the thermopile generates electricity (a very small amount measured in "Millivolts"). This electricity is used to operate the main burners.



The main burners are switched on and off using the electricity generated by the thermopile. The ON/OFF switch, remote control, or thermostat control the circuit to the main burner.



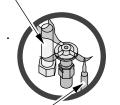
What Prevents Gas Buildup

This appliance utilizes a high-technology gas valve in conjunction with a pilot flame to ensure no gas builds up inside the firebox.

The thermocouple (next to the pilot) senses when the pilot flame is lit. If the pilot flame goes out, this thermocouple no longer generates electricity, causing the gas valve to automatically shut off all gas to the heater, preventing the pilot from spilling gas into the firebox.

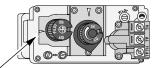
Pilot Flame

The pilot flame is a time-proven component that eliminates the possibility of gas buildup inside the firebox.



Thermocouple

The thermocouple generates a small amount of electricity. If the pilot flame goes out, the gas valve automatically shuts off all gas.



Gas Valve

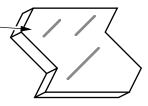
This high-technology valve automatically shuts off all gas if it does not receive a signal from the thermocouple. If any component is damaged or sensing a malfunction, or if the wiring is damaged, it will shut off all gas.

Ceramic Glass

The glass in your heater is the most durable glass available. It has been tested to be extremely resistant to breakage from temperature changes.



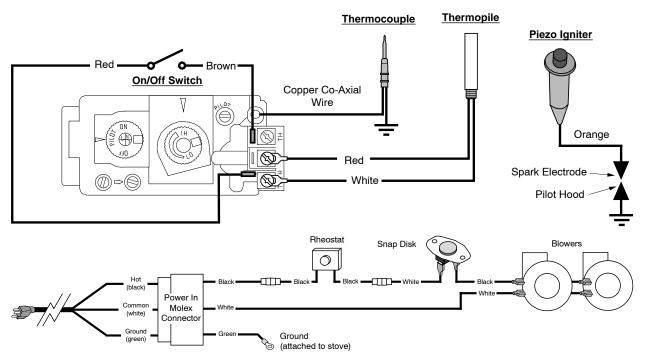
External Shut Off Valve This valve is placed on the gas line to shut off gas to the appliance during maintenance procedures.



34

Safety Label

Wiring Diagram



<u>Caution</u>: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

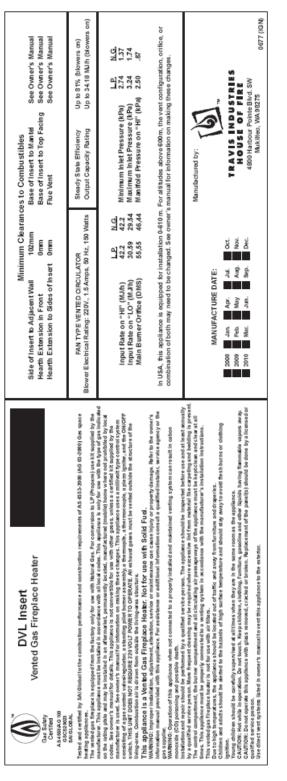
Replacement Parts List

Caution: Use only Travis Industries replacement parts. Do not use substitute materials.

<u>Warning</u>: Do not operate appliance with the glass front removed, cracked, or broken. Replacement of the glass should be done by a licensed or qualified service person.

Safety Label

The safety (listing) label is attached to the operating tag (chained to the heater near the gas control valve). A copy is shown below

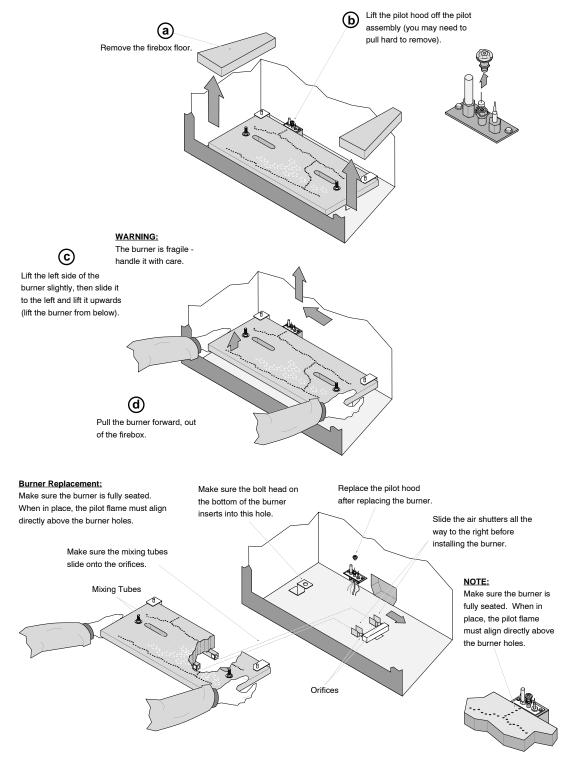


LPG Conversion Instructions

Install the conversion kit prior to installing the gas line to ensure proper gas use.

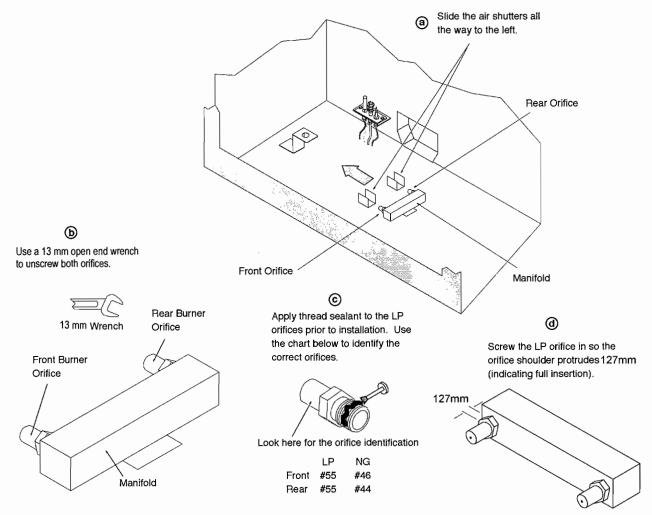
- 1 Remove the glass (see page 20). Remove the logs and coals (if installed page 22)
- 2 Remove the burner (see illustration below).

WARNING: Do not disassemble the burner – screws on the burner must be left in place.

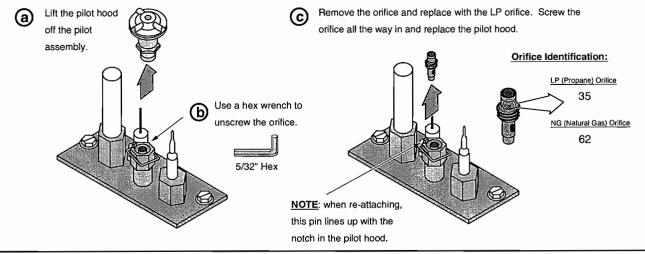


Optional Equipment (for authorized personnel only)

3 Follow the directions below to replace the orifices.



4 Remove the pilot orifice following the instructions below. Replace with the LPG pilot orifice



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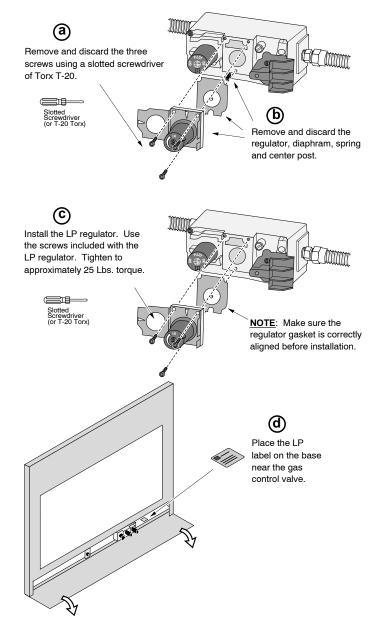
37

Optional Equipment (for authorized personnel only)

5 Install the logs and embers.

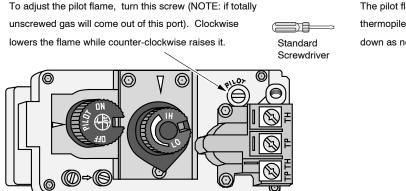
38

- 6 Replace glass and face.
- 7 Remove the regulator from the front of the gas control valve. Replace with the LPG regulator, using the new gasket and screws included with the regulator. **NOTE:** Leak test this area after the heater is installed, gas is connected, and the main burner is lit.



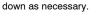
8 Make the gas line connection, bleed the gas line (if applicable), start the heater and thoroughly leaktest all gas connections and the gas control valve. Check the pilot. Adjust if necessary.

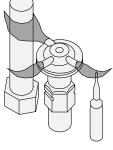
WARNING: When lighting or re-lighting the pilot, the glass must be removed (see page 20).



The pilot flame must contact the thermocouple and

thermopile (see the illustration below). Adjust the pilot up or





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Limited 7 Year Warranty

To register your DRAGON WHOLESALING 7 Year Warranty, complete the enclosed Warranty card and mail it within **ten (10)** days of the appliance purchase date to: DRAGON WHOLESALING PTY LTD, Unit 2, 14-16 Lexington Drive, Norwest, NSW, Australia 2153. DRAGON WHOLESALING warrants this gas appliance (appliance is defined as the equipment manufactured by Travis Industries, Inc. and distributed by DRAGON WHOLESALING) to be defect-free in material and workmanship to the original purchaser from the date of purchase as follows:

Check with your dealer in advance for any costs to you when arranging a warranty call. Mileage or service charges are not covered by this warranty. This charge can vary from store to store. Years 1 & 2 - COVERAGE: PARTS & LABOR Burner Assembly: Gas Control Assembly Accessories Burner, Burner Pan, Air Shutter Assembly, Main Burner Adjustable control valve, millivolt wiring and connectors (located Cast Brick, Cast Firebacks, Power Heat Ducts, Andirons within the metal heater structure), thermopile, thermocouple, pilot Orifice Convection Heat Exchanger hood, orifices, pilot gas line, piezo ignitor Firebox Assembly: Ceramic Glass Re-Installation Allowance Adjustable Air Restrictor, Pressure Relief Mechanisms, Glass (breakage from thermal shock) In cases where heater must be removed from home for Barometric Control Mechanism (for models with Remote repairs, a partial cost of re-installation is covered (pre Heat Ducts), Glass Attachment Mechanism Ceramic Logs authorization required) Electrical Assembly (within heater Log Set, Coals, Ember Strip (Steel Fiber) **One-Way Freight Allowance** structure): Gold, Nickel & Copper Plating One-way freight allowance on pre-authorized repair

Blower, wiring harness, snap discs, rheostat speed control

Exclusions: Paint, Gasketing

Years 3 THROUGH 5 - COVERAGE: PARTS & LABOR

Convection Heat Exchanger

Firebox Assembly: Adjustable Air Restrictor, Pressure Relief Mechanisms, Barometric Control Mechanism (for models with Remote Heat Ducts), Glass Attachment Mechanism

Face & Door (see "Conditions and Exclusions" # 9)

One-Way Freight Allowance

done at factory is covered

One-way freight allowance on pre-authorized repair done at factory is covered.

Exclusions: Paint, Gasketing, Burner Assembly, Electrical Assembly, Gas Control Assembly, Ceramic Glass, Ceramic Logs, Gold, Nickel & Copper Plating, Accessories, Re-Installation Allowance

Years 6 & 7 - COVERAGE: PARTS ONLY

Firebox Assembly:

Adjustable Air Restrictor, Pressure Relief Mechanisms, Barometric Control Mechanism (for models with Remote Heat Ducts), Glass Attachment Mechanism

Exclusions: Paint, Gasketing, Burner Assembly, Electrical Assembly, Gas Control Assembly, Ceramic Glass, Ceramic Logs, Gold, Nickel & Copper Plating, Accessories, Convection Heat Exchanger, Re-Installation Allowance, One-Way Freight Allowance, Labor

CONDITIONS & EXCLUSIONS

- 1. This new gas appliance must be installed by a qualified gas appliance technician. It must be installed, operated, and maintained at all times in accordance with the instructions in the Owner's Manual. Any alteration, willful abuse, accident, neglect, or misuse of the product shall nullify this warranty.
- 2. This warranty is nontransferable, and is made to the ORIGINAL purchaser, provided that the purchase was made through an authorized DRAGON WHOLESALING dealer.
- 3. Discoloration and some minor expansion, contraction, or movement of certain parts and resulting noise, is normal and not a defect and, therefore, not covered under warranty. The installer must ensure the appliance is burning as per the rating tag at the time of installation. Over-firing (operation above the listed BTU rate) of this appliance can cause serious damage and will nullify this warranty.
- The warranty, as outlined within this document, does not apply to the chimney components or other Non-Travis accessories used in conjunction with the installation of this product. If in doubt as to the extent of this warranty, contact your authorized DRAGON WHOLESALING retailer before installation.
- DRAGON WHOLESALING will not be responsible for inadequate performance caused by environmental conditions such as nearby trees, buildings, roof tops, wind, hills or mountains or negative pressure or other influences from mechanical systems such as furnaces, fans, clothes dryers, etc.
- 6. This Warranty is void if:
- a. The unit has been operated in atmospheres contaminated by chlorine, fluorine or other damaging chemicals.
- b. The unit is subject to submersion in water or prolonged periods of dampness or condensation.
- c. Any damage to the unit, combustion chamber, heat exchanger or other components due to water, or weather damage which is the result of, but not limited to, improper chimney/venting installation.
- 7. Exclusions to this 7 Year Warranty include: injury, loss of use, damage, failure to function due to accident, negligence, misuse, improper installation, alteration or adjustment of the manufacturer's settings of components, lack of proper and regular maintenance, damage incurred while the appliance is in transit, alteration, or act of God.
- 8. This 7 Year warranty excludes damage caused by normal wear and tear, such as paint discoloration or chipping, worn or torn gasketing, corroded or cracked logs, embers, etc. Also excluded is damage to the unit caused by abuse, improper installation, modification of the unit, drilling of the orifices, or the use of fuel other than that for which the unit is configured. Units are shipped for natural gas and must be converted to LPG using the included conversion kit. Confirm fuel configuration with your installer.
- Damage to gold or nickel surfaces caused by fingerprints, scratches, melted items-, or other external sources left on the gold or nickel from the use of cleaners other than denatured alcohol is not covered in this warranty.
- 10. DRAGON WHOLESALING is free of liability for any damages caused by the appliance, as well as inconvenience expenses and materials. Incidental or consequential damages are not covered by this warranty. In some states, the exclusion of incidental or consequential damage may not apply.
- 11. This warranty does not cover any loss or damage incurred by the use or removal of any component or apparatus to or from the gas appliance without the express written permission of DRAGON WHOLESALING and bearing a DRAGON WHOLESALING label of approval.
- 12. Any statement or representation of DRAGON WHOLESALING products and their performance contained in DRAGON WHOLESALING advertising, packaging literature, or printed material is not part of this 7 year warranty.
- This warranty is automatically voided if the appliance's serial number has been removed or altered in any way. If the appliance is used for commercial purposes, it is excluded from this warranty.
 No dealer, distributor, or similar person has the authority to represent or warrant DRAGON WHOLESALING products beyond the terms contained within this warranty. DRAGON WHOLESALING assumes no liability for such warranted inc.
- 15. DRAGON WHOLESALING will not cover the cost of the removal or re-installation of hearths, facing, mantels, venting or other components.
- 16. If for any reason any section of this warranty is declared invalid, the balance of the warranty remains in effect and all other clauses shall remain in effect.
- 17. THIS 7 YEAR WARRANTY IS THE ONLY WARRANTY SUPPLIED BY DRAGON WHOLESALING THE MANUFACTURER OF THE APPLIANCE. ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ARE HEREBY EXPRESSLY DISCLAIMED AND PURCHASER'S RECOURSE IS EXPRESSLY LIMITED TO THE WARRANTIES SET FORTH HEREIN.

IF WARRANTY SERVICE IS NEEDED:

- 1. If you discover a problem that you believe is covered by this warranty, you MUST REPORT it to your DRAGON WHOLESALING dealer WITHIN 30 DAYS, giving them proof of purchase, the purchase date, and the model name and serial number.
- 2. DRAGON WHOLESALING has the option of either repairing or replacing the defective component.
- 3. If your dealer is unable to repair your appliance's defect, he may process a warranty claim through DRAGON WHOLESALING, including the name of the dealership where you purchased the appliance, a copy of your receipt showing the date of the appliance's purchase, and the serial number on your appliance. At that time, you may be asked to ship your appliance, freight charges prepaid, to DRAGON WHOLESALING. DRAGON WHOLESALING, at its option, will repair or replace, free of charge, your DRAGON WHOLESALING appliance if it is found to be defective in material or workmanship within the time frame stated within this 7 year warranty. DRAGON WHOLESALING will return your appliance, freight charges (years 1 to 5) prepaid by DRAGON WHOLESALING to your regional distributor, or dealership.
- 4. Check with your dealer in advance for any costs to you when arranging a warranty call. Mileage or service charges are not covered by this warranty. This charge can vary from store to store.



<u>Overview</u>

The baffle is shipped outside the DVL insert to allow for the ceramic logs to be shipped inside the firebox. Attach the baffle before installing the insert.

Baffle Installation

- 1 Remove the glass
- 2 Remove the two screws directly above the firebox opening (see the illustration below).
- 3 Place the baffle inside the firebox so the bend on the back of the baffle inserts into the joggle clip.
- 4 Replace the two screws to secure the front of the baffle.

