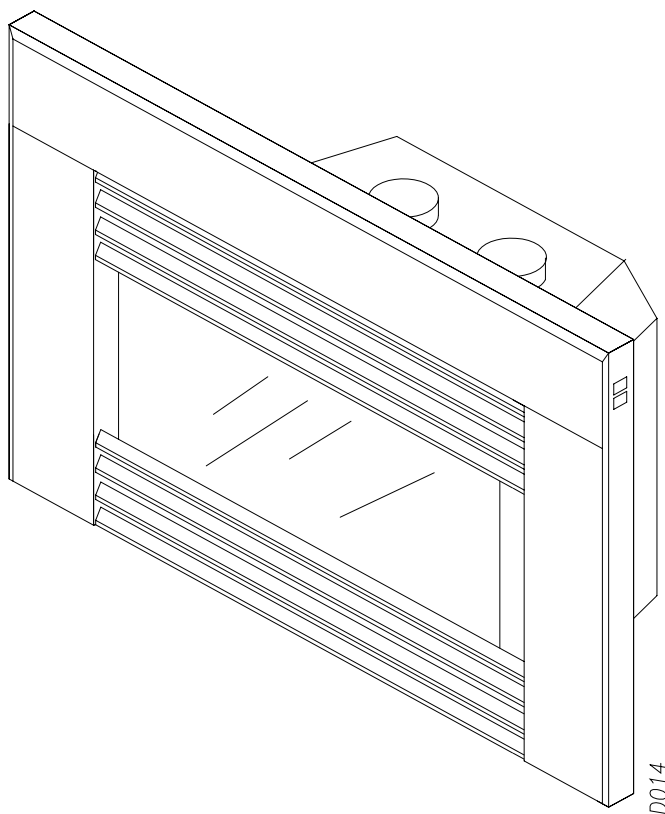




***GW30B, GWB30B***  
***GW30PB, GWB30PB***  
**GRAVITY DIRECT VENT WALL FURNACE**  
**INSTALLATION INSTRUCTIONS**

**SAVE THIS BOOK**

This book is valuable. In addition to instructing you on how to install and maintain your appliance, it also contains information that will enable you to obtain replacement parts or accessory items when needed. Keep it with your other important papers.



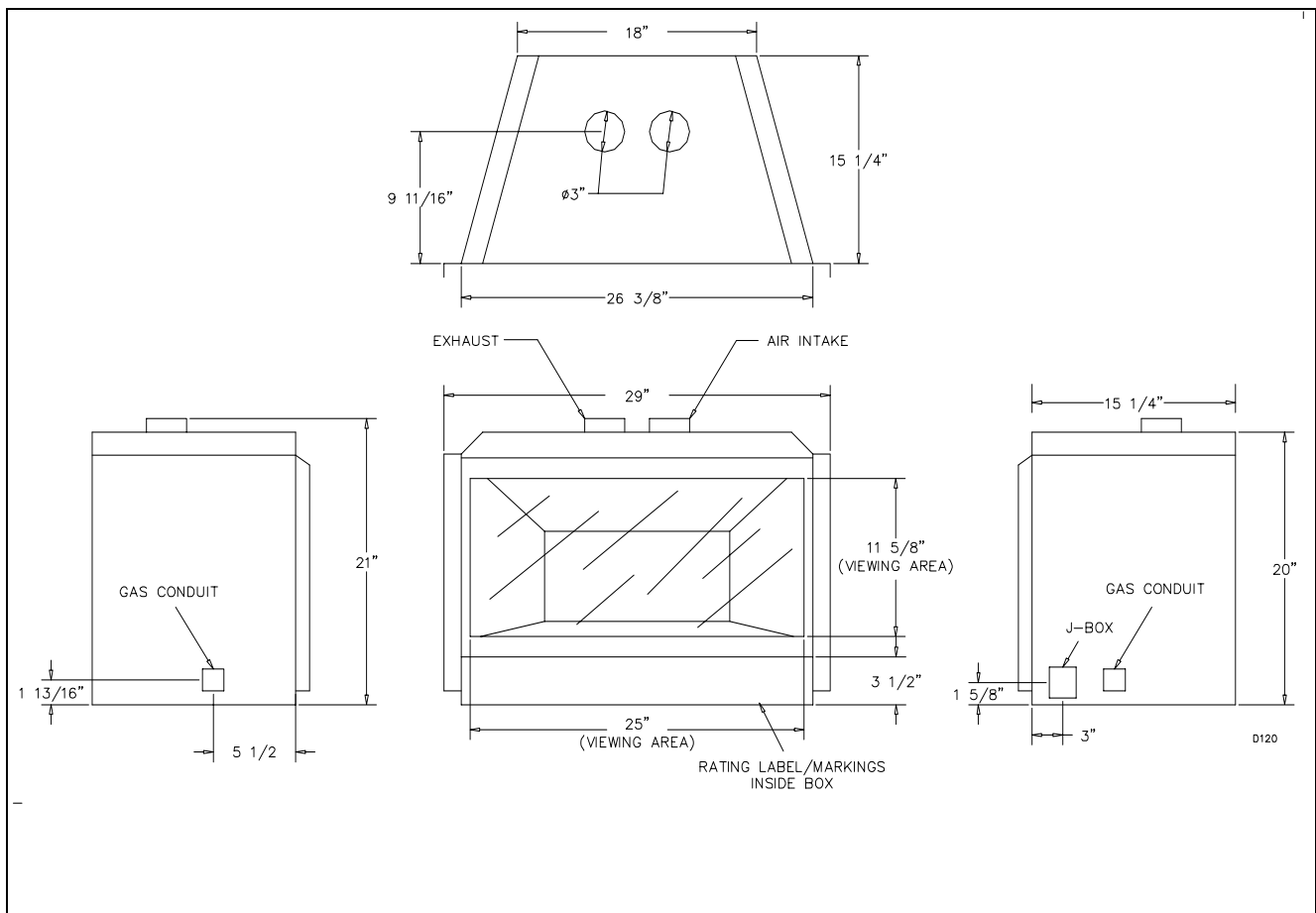
▲ **WARNING:** This Gravity Direct Vent Wall Furnace Series is intended for use with natural or propane gas only (depending on the type of gas your particular model is approved for), do not attempt to burn any solid fuels in this fireplace.

**DESA INTERNATIONAL**  
**2701 INDUSTRIAL DRIVE**  
**P.O. BOX 90024**  
**BOWLING GREEN, KY 42101-9004**  
**[www.desatech.com](http://www.desatech.com)**

**P/N 55328**  
**REV B**  
**6/02**

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### FOR YOUR SAFETY

- Do not store or use gasoline or any other flammable vapors or liquids in the vicinity of this or any other appliance.
- Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.
- Do not place clothing or other flammable materials on or near the appliance.
- NEVER leave children unattended when a fire is burning in the fireplace.

### FOR YOUR SAFETY

#### 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.

▲ **WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause injury, property damage, or loss of life. Refer to this manual for assistance or additional information. Consult a qualified installer or local distributor.

**CHECK LOCAL CODES BEFORE  
INSTALLING THIS FIREPLACE.**

## INTRODUCTION

Models GW30B/GW30PB series are gravity direct vent wall furnace inserts with a sealed combustion chamber that uses millivolt gas control valve and millivolt ignition system.

The system requires a unique termination that includes transition pipes. The flex pipe must be installed only in masonry or listed factory built chimney.

If you are uncertain as to what gas your unit is equipped for, please check the rating plate located in the interior of the appliance opening or consult your local distributor of DESA products.

**BEFORE BEGINNING THE INSTALLATION OF THE FIREPLACE, READ THESE INSTRUCTIONS THROUGH, COMPLETELY.**

- ◆ This DESA fireplace and its components are safe when installed according to this installation manual. Unless you use DESA components, which has been designed and tested for this appliance, you may cause a fire hazard.
- ◆ The DESA warranty will be voided by and DESA disclaims any responsibility for the following actions:

- a) Modification of the fireplace, components, doors, blower, fans, air inlet system and damper control.
- b) Use of any component part not manufactured or approved by DESA in combination with a DESA fireplace system.

When installed on site in a Manufactured Home (mobile home) installation must conform with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 or when such a standard is not applicable, the Standard for Manufactured Home Installation, ANSI A225.1/NFPA 501A.

This appliance, when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70-1987 and CSA C22.2 Canadian Electrical Code for Canada.

The installation must conform to local codes, or in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1-1992 (CAN B149. IN CANADA)

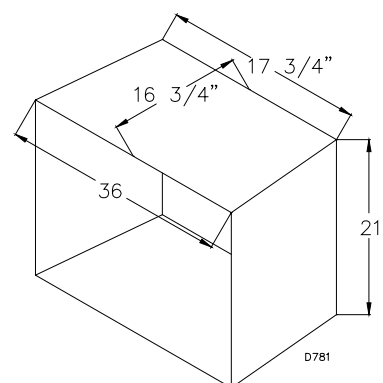
This appliance complies with ANSI Z21.44-1995, and CAN1 2.19-M81, IR #41 and #55 as a gravity direct vent wall furnace.

**THIS APPLIANCE MAY BE USED AS A PRIMARY  
SOURCE OF HEAT.**

## MINIMUM INSIDE FIREPLACE DIMENSIONS

The minimum inside dimensions of a masonry or listed factory built fireplace are as follows:

• Front Width	36"
• Back Width	17 3/4"
• Depth	16 3/4"
• Height	21"

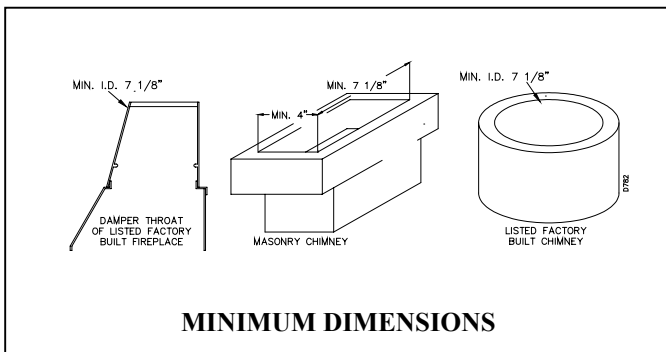


**INSIDE DIMENSION**

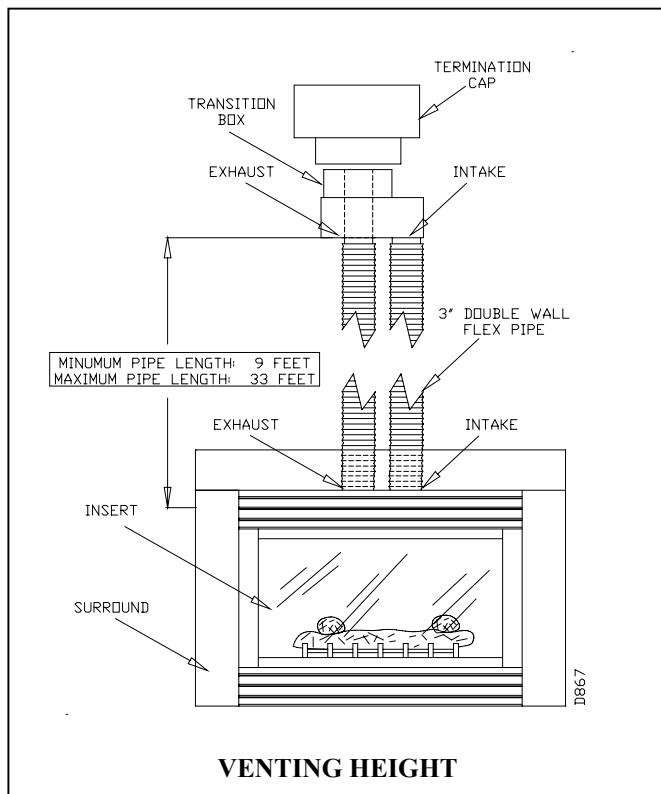
## MINIMUM CHIMNEY SIZE

If the insert is installed in a masonry fireplace, the dimensions of the chimney must be a minimum of 7 1/8" x 4".

If the insert is installed in a listed factory built fireplace, the dimensions of the factory built chimney must be a minimum of 7 1/8 " in diameter.



NOTE: DAMPER THROAT OF THE CHIMNEY MUST MEET THE MINIMUM DIMENSIONS SPECIFIED.



Minimum venting height is 9 feet  
Maximum venting height is 33 feet

To determine the safest and most efficient location for your appliance, consider the following guidelines:

1. The location must allow for all the proper clearances (see section on **Clearances and Mantle Clearances**).

2. Consider a location where the heat output would not be affected by drafts, air conditioning ducts, windows, or doors.

3. This fireplace may be installed in bedrooms or bathrooms in accordance with local codes.

### ALSO, IN SELECTING A LOCATION, THE FOLLOWING PRECAUTIONS MUST BE OBSERVED:

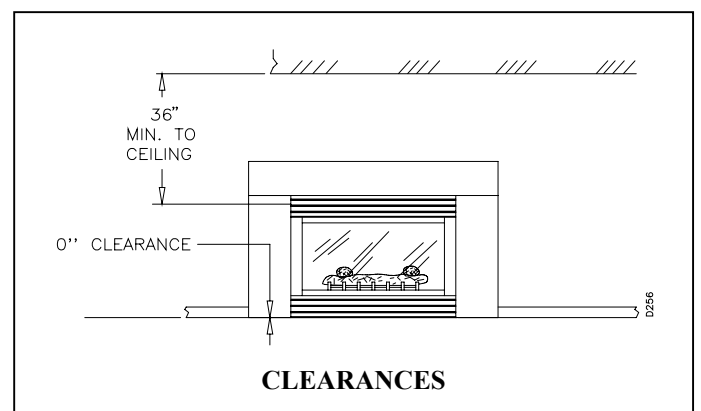
1. Due to high temperatures, do not locate this appliance in high traffic areas or near furniture and draperies.
2. Never obstruct the front opening of the appliance or the flow of combustion and ventilation air. Keep control compartments accessible.
3. Do not locate close to where gasoline or other flammable liquids may be stored. The appliance must be kept clear and free from combustible materials.

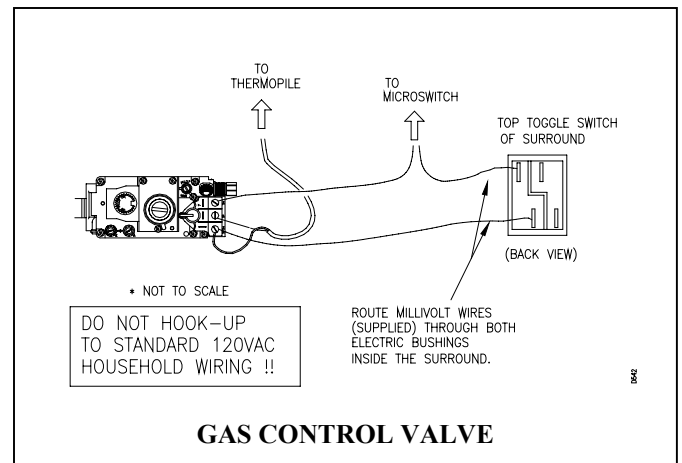
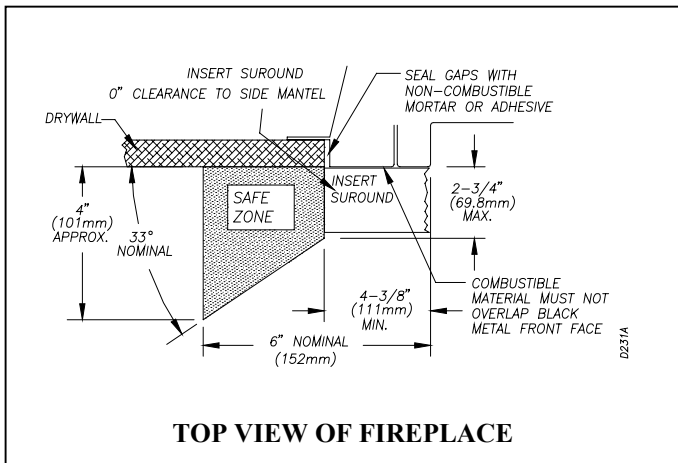
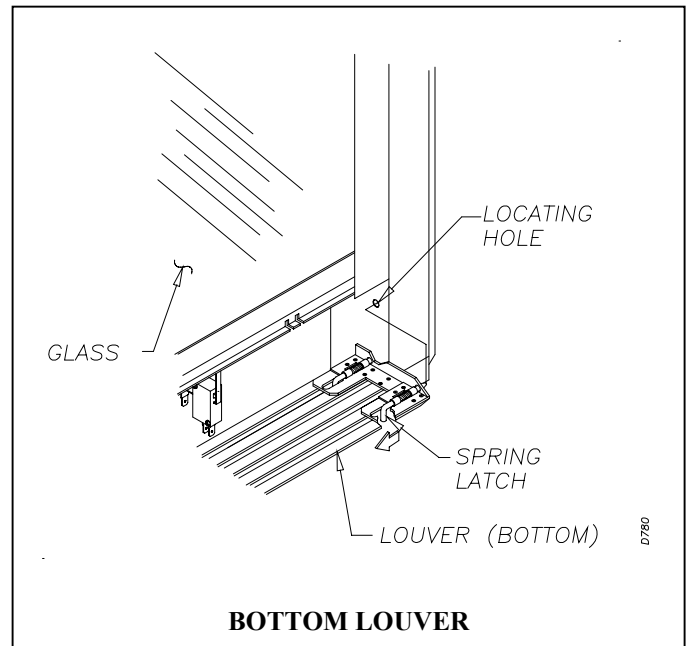
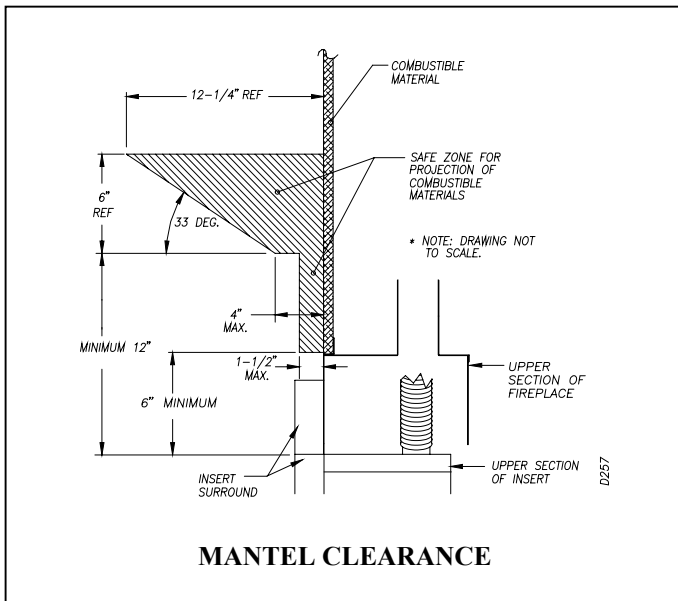
### MINIMUM CLEARANCES TO COMBUSTIBLES

- Opposite wall ----- 36"
- Ceiling to top of insert----- 36"
- Perpendicular wall from edge of glass ---- 9"
- Floor ----- 0"

### MANTLE CLEARANCES

Woodwork, such as wood trims, mantles, and other combustible materials projecting no more than **1-1/2 inches (38mm)** shall not be placed within 6 inches (152 mm) of the top of the insert (Refer to the above figure). Combustible material above and projecting more than **1-1/2 inches (38 mm)** from the appliance's front face must not be placed less the **12 inches (305 mm)** from the opening of the appliance, (ref. NFPA Standard 211 Sec.7-3.3.3).





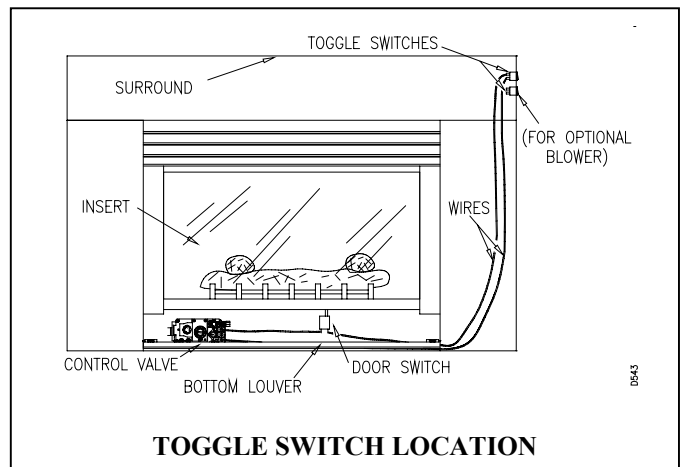
### TOGGLE SWITCH CONNECTION

The installation of a toggle switch in this appliance allows you to activate the gas control valve without the use of normal household electricity. The valve operates on millivolt current supplied by the heat generated from the sensor on the thermopile. Refer to Surround Attachment for installing the surround.

1. To swing down louver assembly. First pull on the upper spring latches towards the inside of louver assembly. The spring latches are located at each corner of the louver assembly as shown in the preceding figure.
2. Connect the 18 GA. wires from the gas control valve to the TOGGLE SWITCH located at the upper right corner of the surround as shown in the figure below. (Wires and toggle switches are supplied with the appliance).
3. The wires must be routed through the lower right side of the insert, through both electric bushings of the insert (one at the lower right side and the other towards the top), and finally connected to the top toggle switch.
4. The bottom toggle switch is for the optional blower. The wires for the blower are routed the same way as the wires for the gas control valve. Refer to the wiring diagram on page xx for connecting the wires to the blower.

**CAUTION:** Do not wire this millivolt system wall switch to a regular 120v AC wiring.

**NOTE:** If any of the original wire supplied must be replaced, use type 18 AWG-105 deg. C (25 ft. length maximum) or equivalent.



## GAS SUPPLY TESTING

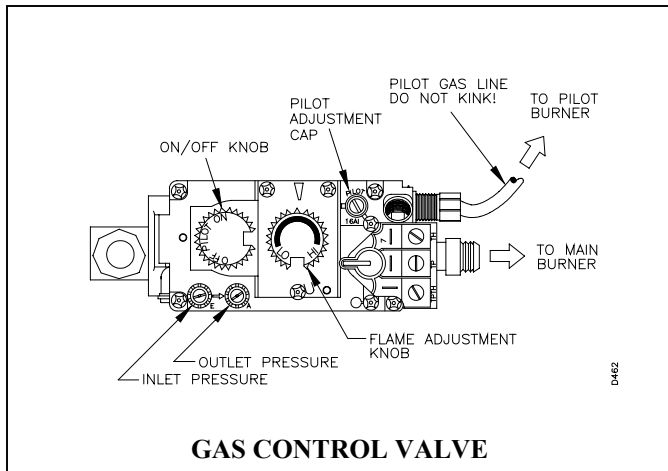
**NOTE:** This section is intended as a guide for qualified technicians installing gas to the appliance.

▲ **WARNING:** Do not connect appliance before pressure testing gas piping. Damage to gas valve may result and an unsafe condition may be created.

The appliance 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  $\frac{1}{2}$  psig (3.5 kPa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than  $\frac{1}{2}$  psig (3.5 kPa).

The gas control valve is secured underneath the firebox. Two 1/8 NPT plugged tappings are provided on the gas control valve for pressure test gauge connections.



**GAS CONTROL VALVE**

## GAS LINE HOOK-UP

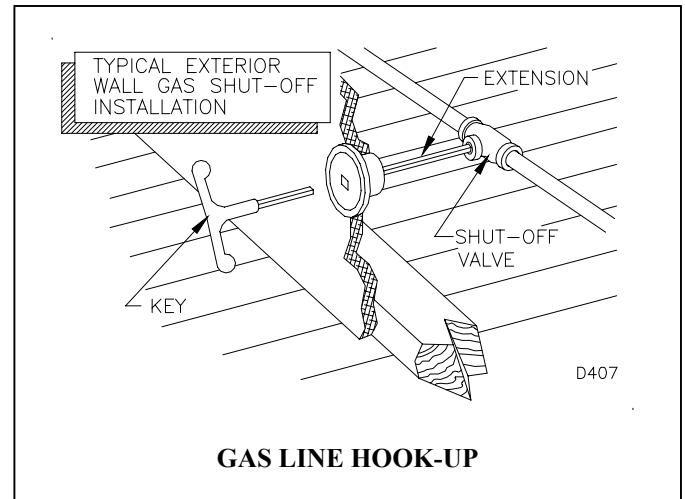
Gas line hook-up should be done by your gas supplier or licensed service technician.

**NOTE:** Before you proceed, make sure your gas supply is off.

A manual shut-off valve has been included in the fireplace's gas supply system. However, consider installing an extra shut-off valve outside the appliance's enclosure (check with local codes), where it can be accessed more conveniently with a key through a wall.

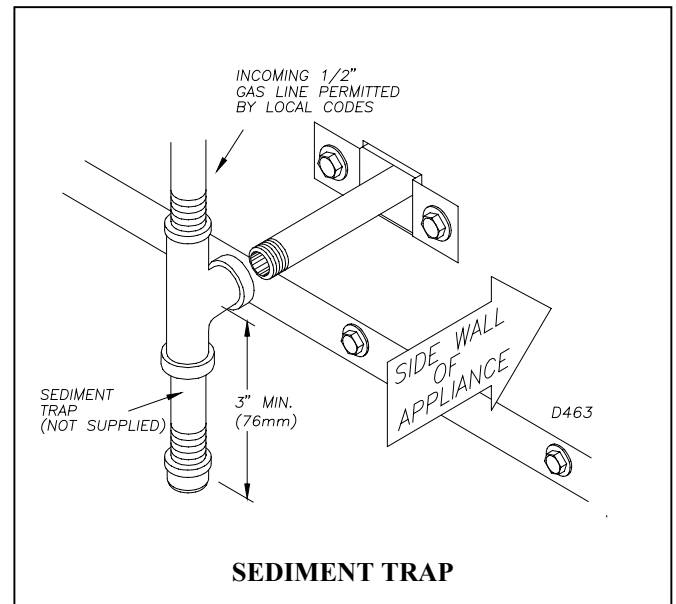
In conformance with local codes, route a  $\frac{1}{2}$ " NPT gas line towards the appliance coming in from either the left or right side of the fireplace.

**CAUTION:** Do not kink flexible gas line.



**GAS LINE HOOK-UP**

Install a sediment trap between the incoming gas line and the gas control box. The sediment trap should extend down a minimum of 3 inches (76 mm) beyond the center of the pipe.



**SEDIMENT TRAP**

When routing gas line through conduit sleeve, make sure to repack insulation to fill gaps between gas line and conduit sleeve.

Compounds used on threaded joints of gas piping shall be resistant to the action of propane or natural gas. Compounds should be applied lightly to ensure excess sealant does not enter the gas line.

Complete your gas line installation by connecting the incoming gas line to flexible gas line. Secure tightly with a wrench but do not over-tighten.

**CAUTION:** All gas piping and connections must be tested for leaks after the installation is completed. After ensuring that the gas valve is on, apply a commercial leak detection solution to all connections and joints. Bubbles forming show a leak. Correct all leaks at once. **DO NOT USE AN OPEN FLAME FOR LEAK TESTING AND DO NOT OPERATE ANY APPLIANCE IF A LEAK IS DETECTED. LEAK TESTING SHOULD BE DONE BY A QUALIFIED SERVICE PERSON.**

▲ **WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.

GAS RATINGS		
TYPE OF GAS	NATURAL	PROPANE
MAXIMUM INPUT RATING	26,000 BTU/HR	24,000 BTU/HR
MAXIMUM OUTPUT RATING	18,200 BTU/HR	16,800 BTU/HR
MANIFOLD PRESSURE	3.5 IN WC	10.0 IN WC
MINIMUM SUPPLY PRESSURE	4.5 IN WC	11.0 IN WC

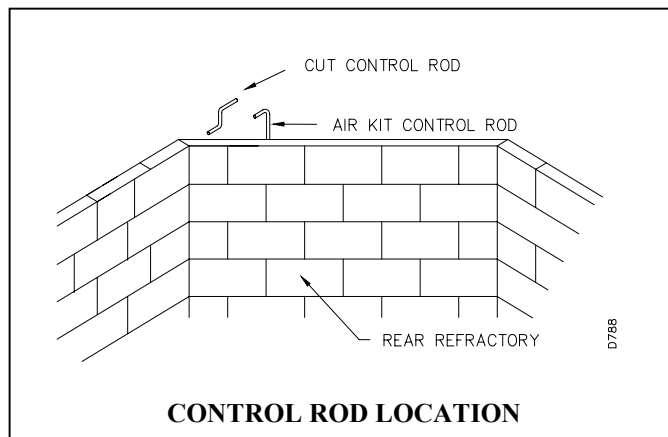
## INSTALLING THE INSERT INTO A MASONRY OR LISTED FACTORY BUILT FIREPLACE

Read this section thoroughly before proceeding with the installation of the insert and the termination. Each installation is unique therefore planning is important.

1. Remove the fireplace damper, if possible. This will make the flex installation easier.
2. Determine the length of flex pipe needed and clearly mark each end of the flex pipe that will be the exhaust.
3. The two flex pipes can be attached to the transition box and the flex pipes can be routed down the chimney, or the flex pipes can be routed down the chimney first, attach to the insert, and finally attached to the transition box.

Note: To attach flex pipes to insert, first attach flex pipe to collar. Then secure collar to insert. Refer to diagram on PG 9.

4. Remove the glass doors, grates, screens, and other accessories that may hinder the installation of the insert. If the insert is installed in a listed factory built fireplace, do not remove the refractory.
5. Some of DESA's listed factory built fireplaces have control rods for the air kit that need to be cut as shown for the insert to fit.
6. Remove the glass door from the insert. This will decrease the weight of the insert and reduce the risk of damaging the glass during installation. Be careful of the three screws that hold the glass door in place.
7. Carefully slide the insert into the fireplace opening.
8. Make sure the insert is leveled. If it is not, put non-combustible material (ex. metal shims or bricks) under the insert to level it.



NOTE: Combustible material that has been fireproofed is not considered non-combustible.

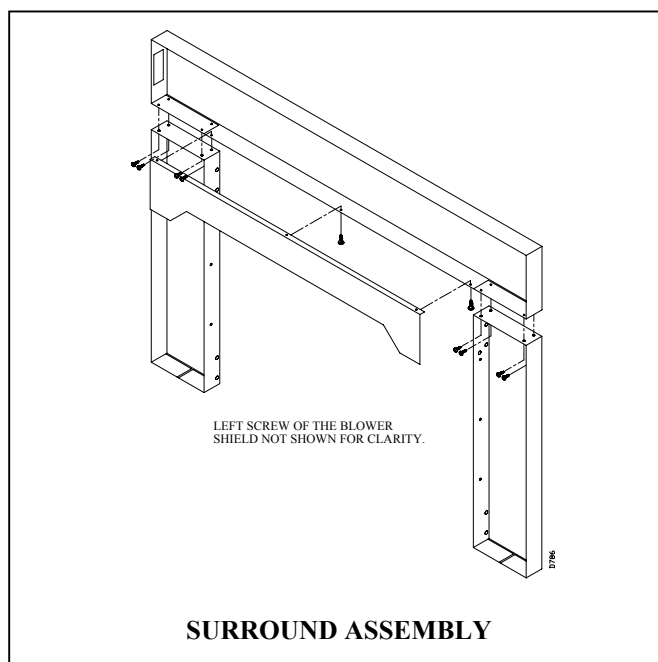
9. With both 3-inch pipes hanging through the chimney, attach each flex to the appropriate pipe of the insert. The pre-marked flex pipe is attached over the left pipe (Exhaust). Tighten the clamp over the flex pipe. Repeat the procedure for the right pipe (Intake).

10. Attach the glass door with three sheet metal screws. (Extra screws are taped to the glass).

## SURROUND ASSEMBLY

Read instructions thoroughly before proceeding.

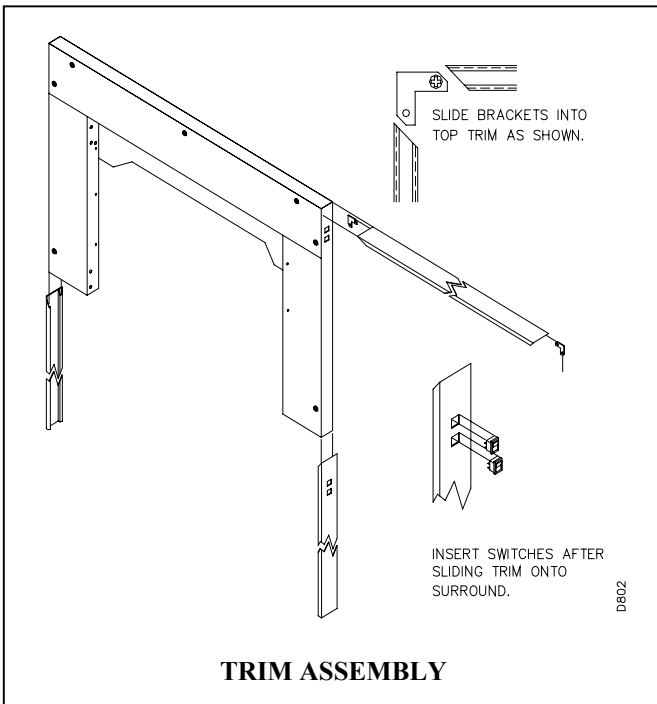
1. Lay the three pieces of the surround on carpet or cloth with the front side facing down. This will prevent scratching the surface.
2. Attach the left panel to the top panel with four screws. The holes of the left panel should be on the inside of the surround assembly. Repeat the procedure for the right panel.
3. For the blower shield, attach it to the assembled surround with the blower shield's flange over the surround. Secure the blower shield with three screws. Attach screws from under as shown in the figure below. (11 screws total).



## TRIM ASSEMBLY

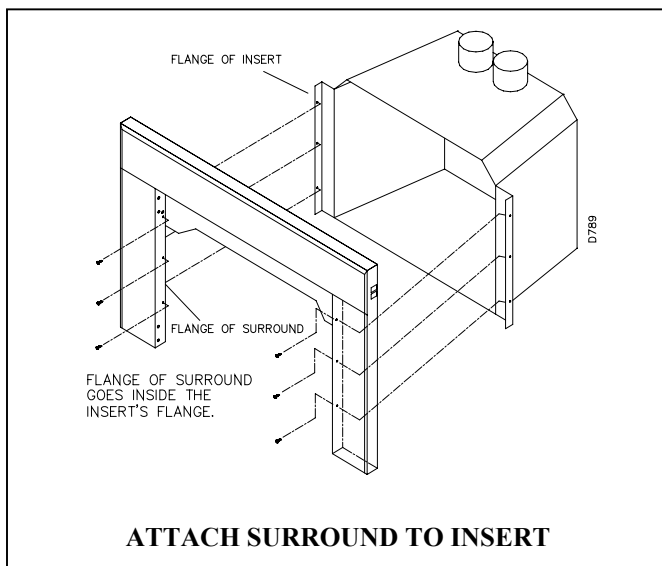
1. Slide top trim over the surround assembly. Secure frame brackets with screws to the trim.
2. Slide the left trim from the bottom of the surround and secure to the frame bracket with a screw. Repeat the procedure with the right trim.
3. Insert both toggle switches into the square holes of the right trim.

Note: The trims slide over the seven screws on the front surface of the surround.



## ATTACH SURROUND TO INSERT

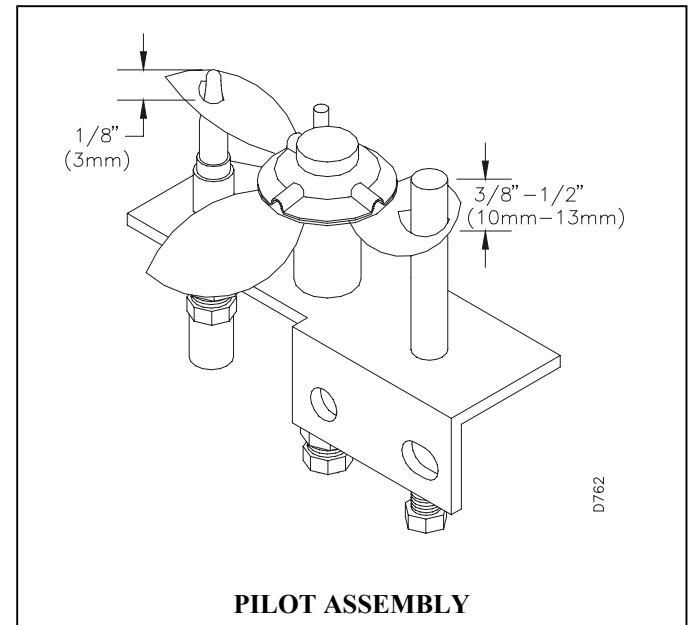
The flange of the surround must go on the inside of the insert's flange. Four screws secure the surround to the insert. Refer to the figure below.



## PILOT ASSEMBLY ADJUSTMENTS

The pilot assembly is factory preset for the proper flame height. Alterations to these settings may have occurred during shipping and handling. If this is the case, some minor readjustments may be necessary and should be done by a qualified technician.

To access the pilot assembly, glass door must be open. The proper settings for the thermopile height should be at a distance of 3/8" to 1/2" from the pilot flame as shown below.



## GLASS PANEL REMOVAL AND LOG SET INSTALLATION

Before proceeding, make sure gas control valve is in the "OFF" position.

1. To open the louver assembly, simply pull on the louver spring latches towards the inside of the louver assembly, refer to figure on page 4.

2. To open the glass door, undo both top latches located on the middle and the right side of the firebox. The two lower latches are located under the middle and right side of the firebox.

For the top latch, place your left index finger on top of the latch and your right index finger on the bottom of the latch. Slowly pull the latch with your right index finger. At the same time, apply some pressure with your left index finger.

This will prevent the latch from releasing quickly (Refer to the following figure). Be careful when opening the latches since they have springs.

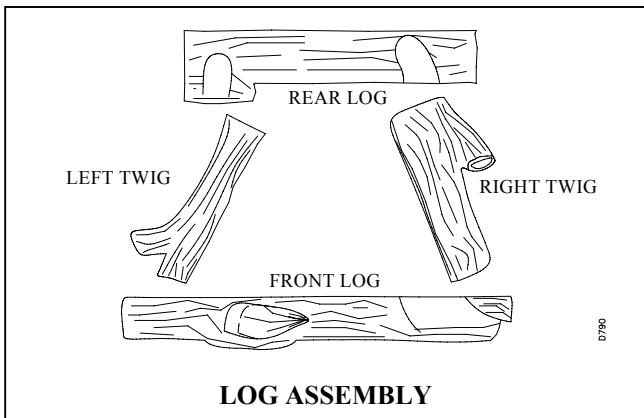
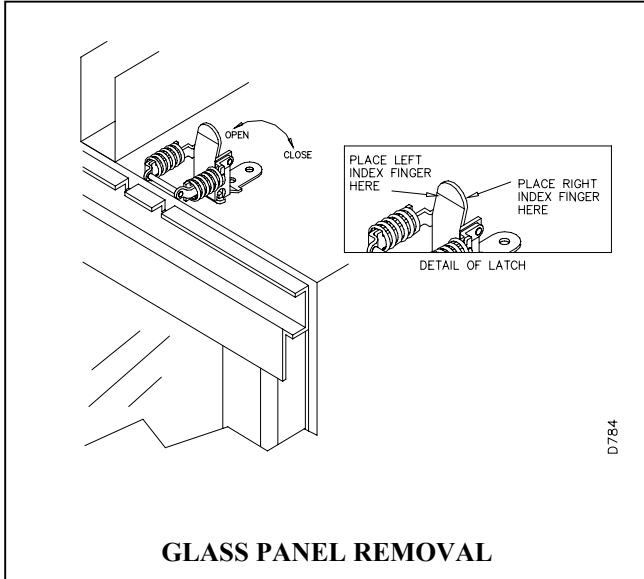
4. Carefully swing the door to the left. The glass door is securely mounted to the firebox by means of three screws.

If the door is not completely closed, the microswitch located in the middle (underside) of the firebox will not properly operate and the main burner will not light.



5. To remove the logs from shrink wrap, carefully cut the plastic around the perimeter of log. Do not tear the logs from package with out cutting plastic first.

6. Carefully place the log set as shown in the figure below. The front and rear logs can be placed either with the split oak or round oak showing, depending on personal preference. Regardless of which side of the front and rear logs are showing, the twigs will remain in the same position.



7. Front and rear logs have slots for brackets. Be careful not to alter the pilot or burner location.

8. Next remove the ceramic fiber embers from the bag and place small pieces on top of burner ember tray located on the very front of burner with grate. Avoid blocking burner ports when placing embers.

9. When closing the glass door, make certain the safety door switch is fully depressed by the door. The burner will not turn on if the door switch is not fully depressed. Replace the louver assembly in the reverse order of step 1.

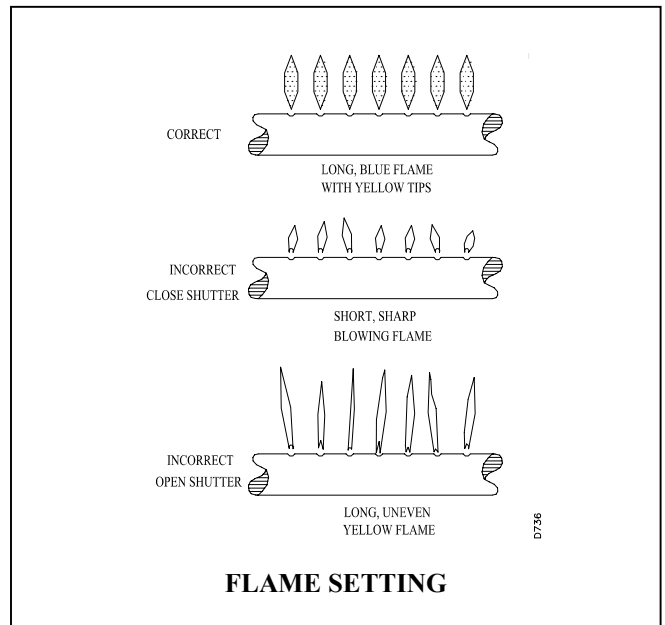
## BURNER REMOVAL

BEFORE PROCEEDING, MAKE SURE THE ENTIRE UNIT IS COOL.

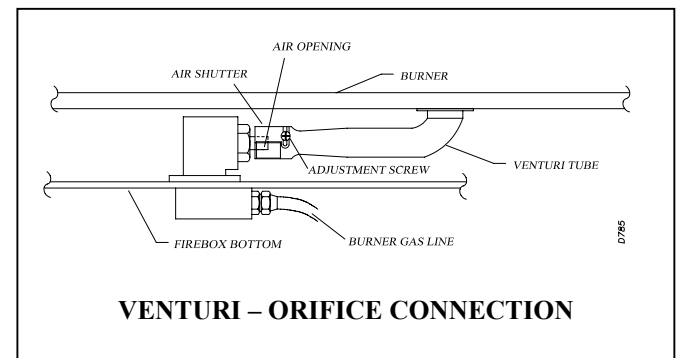
- Remove the louver assembly.
- Open the four latches and swing the door to the left.
- Remove the logs.
- Remove the screw that attaches the pilot to the burner.
- Slide the burner to the right, lift up, and remove from firebox.
- To put the burner back, place the burner to the right inside the firebox. Slide the burner to the left.
- Make certain the orifice is inside the venturi tube when sliding the burner to the left.
- Secure the pilot to the burner with the screw.

## BURNER FLAME ADJUSTMENT

The air shutter, located at the base of the main burner has been factory preset to the proper air-to-gas ratio which results in an even, clean burning flame cross the burner.



If readjustment is necessary, you can restore the proper flame setting by loosening the air shutter screw and rotating the air shutter until proper flame setting is achieved. Don't forget to retighten screw.



## DECORATIVE FACING

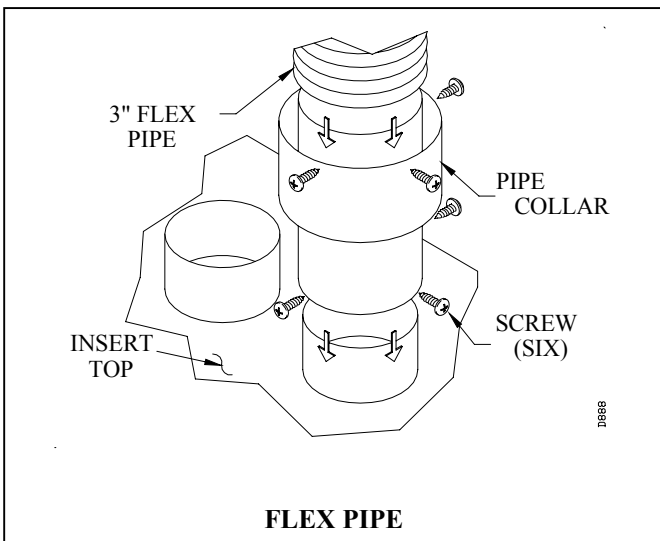
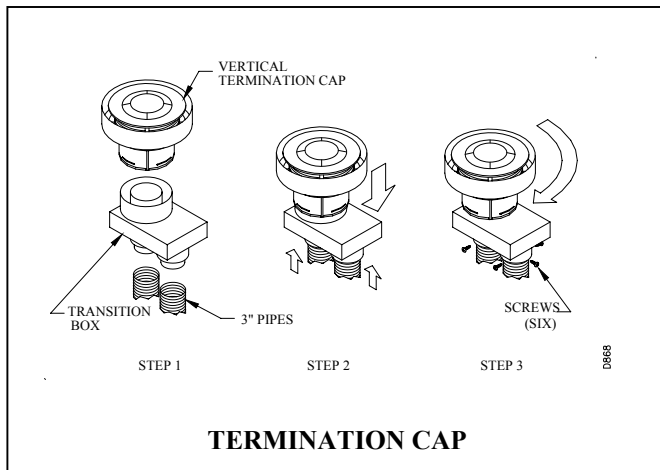
Any non-combustible material may be used for facing (glass, tile, brick, etc.) as long as the proper clearances are observed (Refer to the section on Clearances). Louvered openings must not be obstructed and the louver assembly must remain removable for servicing.

Use only heat-resistant, non-combustible mortar or adhesive when securing facing material.

NOTE: Combustible material, such as wood, that has been fireproofed is NOT considered non-combustible.

## TERMINATION CAP AND TRANSITION BOX ASSEMBLY

The termination cap must be twist-locked to the top of the transition box as shown below.



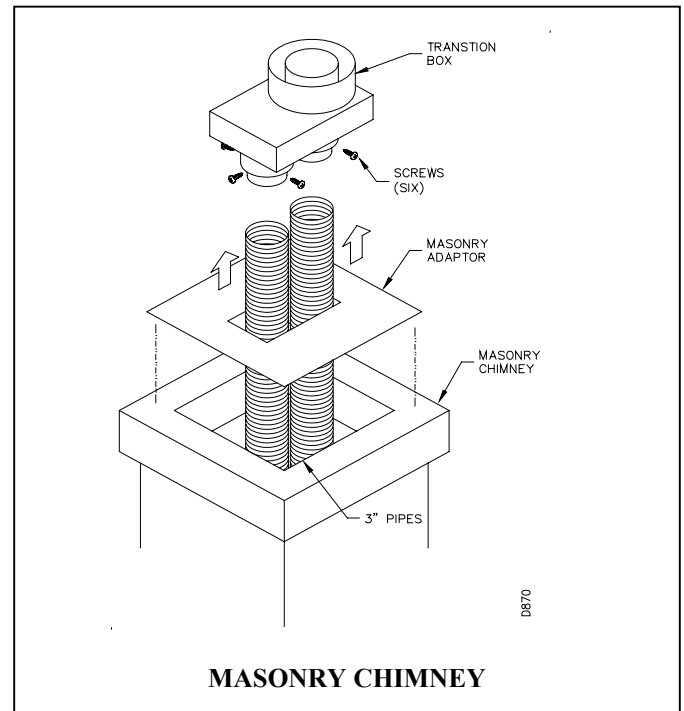
## ATTACHING TRANSITION BOX TO CHIMNEY

Read these instructions thoroughly. Each installation is unique therefore careful planning is required.

### MASONRY CHIMNEY

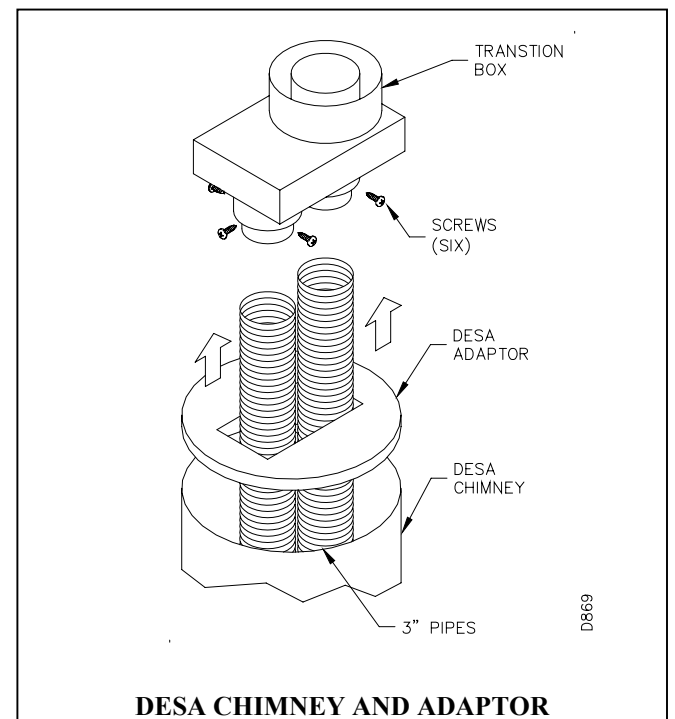
- Attach the masonry adapter to the chimney. Make sure the flex pipes are protruding out of the chimney for easy connection to the transition box.
- Attach the flex pipes to the transition box with six sheet metal screws. Place the transition box over the adapter and secure with sheet metal screws. Refer to the figure below.

- Maximum chimney size with transition adapter is 13"x13". Seal openings to prevent any water leakage.



### DESA CHIMNEY

1. Attach the DESA chimney adapter to the listed factory built chimney. Make sure the 3" flex pipes are protruding for easy connection to the transition box.
2. Attach flex pipes to the transition box. Secure flex pipes with three sheet metal screws.
3. Secure transition box to the adapter with sheet metal screws.
4. Seal openings to prevent leakage.



## OPERATING GUIDELINES AND MAINTENANCE INSTRUCTIONS

When lit for the first time, the appliance may emit a slight odor for about an hour or two. This is normal and is due to the "curing" of the logs and the "burn-in" of internal paints and lubricants used in the manufacturing process. Keep compartment, logs, burners, and area surrounding the logs clean by vacuuming or brushing at least twice a year.

Temporary removal of the log set may ease the cleaning of the burner and pilot assembly. In cleaning, take care not to alter the pilot or burner location.

Have a qualified agency periodically inspect the vent system at the start of each heating season for any obstructions that may hinder its normal operation. Never obstruct the flow of combustion and ventilation air. Keep the front of the appliance clear of all obstacles and materials.

▲ **WARNING:** Children and adults should be alerted to the hazards of high surface temperatures and to stay away from these to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance.

▲ **WARNING:** Do not strike, slam, or abuse glass door.

**IMPORTANT:** Turn off gas and toggle switch before servicing appliance. Any safety screen or guard removed for servicing the appliance must be replaced prior to operating the appliance.

**CAUTION:** The unit and logs can get very hot-handle only when cool.

**CAUTION:** If the glass breaks, be cautious of fragments on the floor. Keep children away from the area. Do not operate unit when glass is broken. Use proper gloves to remove the glass door. Discard safely.

A glass door kit can be ordered through your local distributor. Do not use substitute material for glass. Any household glass cleaner may be used to clean the glass panel. Do not use abrasive cleaners as this may damage the glass. Clean glass only when cool.

**FOR FURTHER OPERATING GUIDELINES, CONTACT YOUR AUTHORIZED REPRESENTATIVE.**

## REPLACEMENT AND ACCESSORY PARTS

**Log Set:** Front, rear and top twigs come standard with all units.

**Pilot Assembly:** If in need of replacing, have a qualified technician replace it.

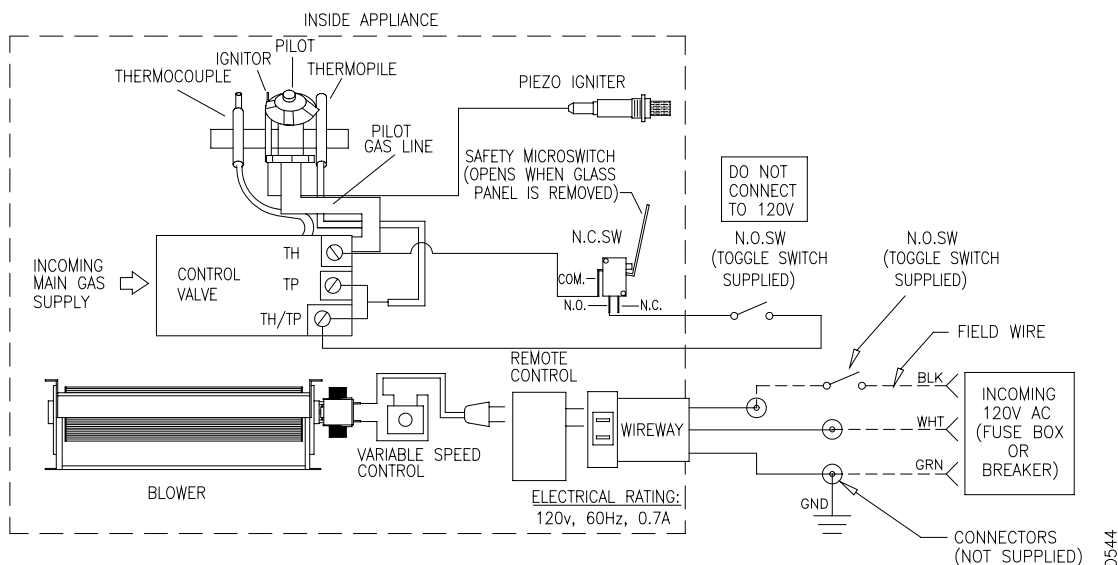
**Gas Control Valve:** If in need of replacing, have a qualified technician replace it.

**Toggle Switch:** The toggle switches and millivolt wires come standard with this appliance.

**Fan Kit:** The fan kit is optional and may be installed at any time. Installation instructions are included with the fan kit.

**Ceramic Fiber Embers:** This ember material will provide a warm red glow and 'licks' of flame when operating the gas log set.

- When ordering replacement or accessory items, please have your appliance's model and serial number ready.
- The model and serial number for your particular appliance may be found on the rating plate located inside the appliance.
- Refer to the parts list and diagrams when ordering replacement parts for your appliance.
- Repair parts or accessory items may be bought from your distributor/dealer.
- All product specifications are subject to change without notice.



**WIRING DIAGRAM**

## 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. When lighting the pilot, follow these instructions exactly.

B. BEFORE turning "ON", smell around the appliance for gas. Be sure to smell next to the floor, for some gas is heavier than air and will settle on the floor.

### WHAT TO DO IF YOU SMELL GAS

- \* Do not try to light any appliance.
- \* Do not touch any electrical switch; do not use any phone in the building.
- \* Immediately call your gas supplier from a neighbor's phone. follow the supplier's instructions.

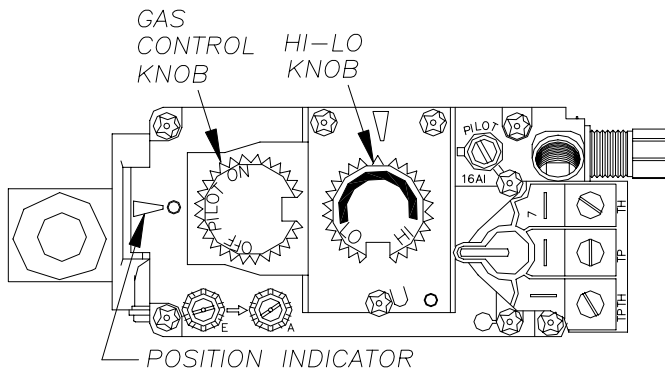
\* If you cannot reach your supplier, call the fire department.

C. Use only your hands to push in control knob. never use tools. If the knob will not push in or slide by hand, don't try to repair it. Call a qualified service technician. Forced or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any gas control which has been submersed.

## LIGHTING INSTRUCTIONS

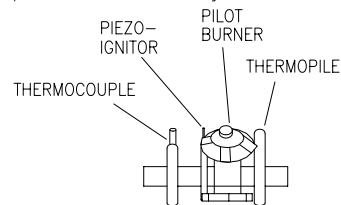
1. STOP! Read the safety information above on this label before proceeding.
2. Set the "HI-LO" knob to the lowest setting.
3. Turn off all electrical power to the appliance.
4. Open control access panel.
5. Push in gas control knob slightly and turn clockwise to "OFF".



NOTE: It is recommended that you maintain the gas control knob in the full "OFF" position during lengthy periods of seasonal non-usage.

6. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.

7. The pilot is located by the main burner..



8. Turn knob on gas control counterclockwise to "PILOT".
9. Push in the control knob all the way and hold in. Immediately light the pilot by pressing the red ignitor button until a flame appears. Continue to hold the control knob in for about (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 9.
- If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
- If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
10. Turn gas control knob counterclockwise to "ON". Knob can be turned to "ON" only if the control knob is popped out.
11. Set "HI-LO" knob to desired setting.
12. Turn on all electric power to the appliance.

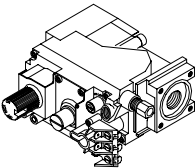
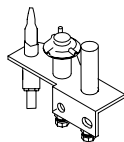
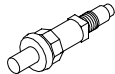
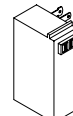


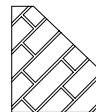
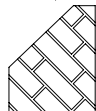
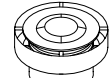
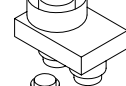


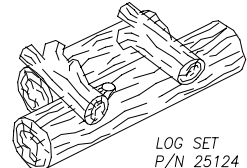
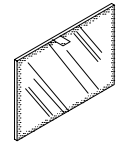

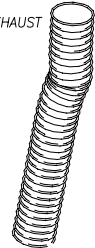
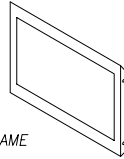
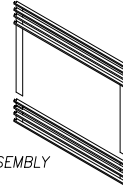
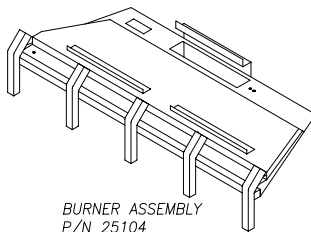
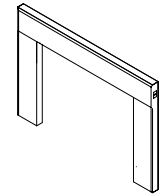
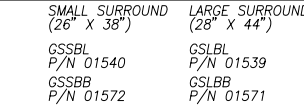
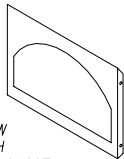
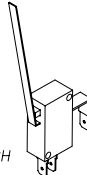
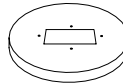
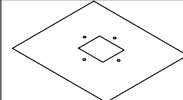
## TO TURN OFF GAS TO APPLIANCE

1. Turn off the wall switch.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove control access panel.
4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.
5. Replace control access panel.

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OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> <li>Pilot will not stay lit after carefully following lighting instructions.</li> </ul>	<ul style="list-style-type: none"> <li>No gas supply or shut-off valve is off.</li> </ul>	<ul style="list-style-type: none"> <li>Check to see if you have gas supply.</li> </ul>
	<ul style="list-style-type: none"> <li>Air in gas line.</li> </ul>	<ul style="list-style-type: none"> <li>Hold regulator control valve in the "PILOT" position for 2 or 3 minutes to purge air. If you smell gas, stop and wait for a few minutes before trying to light the unit.</li> </ul>
	<ul style="list-style-type: none"> <li>Construction debris clogging pilot orifice.</li> </ul>	<ul style="list-style-type: none"> <li>Remove debris and dirt. Inspect and clean any other possible obstructions.</li> </ul>
	<ul style="list-style-type: none"> <li>Low gas pressure.</li> </ul>	<ul style="list-style-type: none"> <li>Contact your gas supplier.</li> </ul>
	<ul style="list-style-type: none"> <li>Control valve knob is not on the "PILOT" position.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to section on pilot lighting.</li> </ul>
	<ul style="list-style-type: none"> <li>Kinked pilot line.</li> </ul>	<ul style="list-style-type: none"> <li>Have a qualified technician replace pilot line.</li> </ul>
	<ul style="list-style-type: none"> <li>Bad valve.</li> </ul>	<ul style="list-style-type: none"> <li>Replace regulator valve (Refer to Replacement Parts List).</li> </ul>
	<ul style="list-style-type: none"> <li>Bad thermocouple or loose connection.</li> </ul>	<ul style="list-style-type: none"> <li>Tighten thermocouple or replace.</li> </ul>
<ul style="list-style-type: none"> <li>Pilot lit but no flame on the burner.</li> </ul>	<ul style="list-style-type: none"> <li>Wall switch wires defective.</li> </ul>	<ul style="list-style-type: none"> <li>Check electrical connections.</li> </ul>
<ul style="list-style-type: none"> <li>Frequent pilot outage problem.</li> </ul>	<ul style="list-style-type: none"> <li>Pilot flame maybe too low or blowing (high) causing the valve safety to drop out.</li> </ul>	<ul style="list-style-type: none"> <li>Clean and/or adjust pilot flame for maximum flame impingement on thermocouple.</li> </ul>

# ACCESSORY PARTS LIST

 <p>VARIABLE VALVE P/N 14389 P/N 14390</p>	 <p>PILOT ASSEMBLY NAT. P/N 25236 LP P/N 25237</p>	 <p>PIEZO SWITCH P/N 14261</p>	<p>OPTIONAL REMOTE CONTROL KIT P/N 00710</p>  <p>RECEIVER</p>  <p>TRANSMITTER</p>	<p>REFRACTORY KIT (GWRK) P/N 01554</p> <p>BACK P/N 25267</p>  <p>LEFT P/N 25268</p>  <p>RIGHT P/N 25269</p> 	 <p>VERTICAL TERMINATION CAP</p>  <p>TRANSITION BOX</p> <p>COLLARS</p>  <p>GWTK (TERMINATION KIT) P/N 01643</p>
 <p>BLOWER KIT P/N 01527</p>	 <p>LOG SET P/N 25124</p>	 <p>FLAT DOOR</p> <p>GWFD (BLACK) P/N 01553</p>	 <p>PIPE CLAMP 3" P/N 13455</p>	<p>FLEX DUCT 3" INTAKE/EXHAUST P/N 13454</p> 	<p>GWTK-16 (16' VENT KIT) P/N 01560 GWTK-33 (33' VENT KIT) P/N 01559</p>
 <p>FPGW WINDOW FRAME P/N 01666</p>	 <p>FLBGW LOUVER ASSEMBLY P/N 01664</p>	 <p>BURNER ASSEMBLY P/N 25104</p>	 <p>SMALL SURROUND (26" X 38") GSSBL P/N 01540 GSSBB P/N 01572</p>	 <p>LARGE SURROUND (28" X 44") GSLBL P/N 01539 GSLBB P/N 01571</p>	
 <p>APGW ARCH P/N 01667</p>	 <p>MICROSWITCH P/N 14153</p>		 <p>GWTK-F TRANS. BOX FMI ADAPTER P/N 01555</p>	 <p>GWTK-M TRANS. BOX MASONRY ADAPTER P/N 01556</p>	

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**DESA INTERNATIONAL INCORPORATED  
GAS APPLIANCE  
LIMITED 2-YEAR WARRANTY**

**THE WARRANTY**

DESA International Inc. warrants the Gas Appliance to be free from defects in materials and workmanship at the time of manufacture.

**REMEDY AND EXCLUSIONS**

The coverage of this Warranty is limited to all components of the gas appliance manufactured by DESA, with the exception of glass and refractory. The glass is warranted for 90 days. There will be no cost for replacement of glass within 90 days of installation, provided that breakage is due to heat from the appliance. We do not warranty breakage occurring during installation or transportation.

If the decorative gas appliance covered by this Warranty is found to be defective within one year from the date of installation, DESA will, at its option, replace or repair defective components of the decorative gas appliance manufactured by DESA at no charge, or will pay for reasonable costs incurred in replacing or repairing such components. These charges should be pre-approved by DESA before any work is done. During the second year of the Warranty, DESA shall supply replacement parts, if readily available, at the current minimum wholesale price. DESA will not be responsible for any other expense.

**REFRACTORY WARRANTY (IF APPLICABLE)**

**FIRST YEAR:** DESA warrants the refractory (except for hairline cracks less than 1/16" in width), one year from the date of manufacture to be free from defect in material and workmanship. If the original owner of a DESA fireplace believes that any of the refractory parts have failed during the above one-year period, he/she should notify the nearest (DESA) distributor or dealer. DESA will pay for the refractory replacement and reasonable labor charges. DESA will be responsible for the freight charges.

**SECOND YEAR:** DESA will supply refractory replacement parts at the current list price that is in effect at time of replacement. DESA will assume no responsibility for any labor or freight charges incurred.

This Warranty covers only parts and labor as provided above. In no case shall DESA be responsible for materials, components, or construction, which are not manufactured or supplied by DESA. DESA will not be responsible for any labor charges to remove such materials, components, or construction. All replacement parts will be shipped F.O.B., Santa Ana, to purchasers' address or the nearest DESA distributor.

**QUALIFICATIONS TO THE WARRANTY**

The decorative gas appliance Warranty outlined above is further subject to the following qualifications:

1. The gas appliance must be installed as per the DESA installation instructions and local building codes. The use of components manufactured by others with this DESA gas appliance, (except for the Type B venting system as outlined in the installation instructions, if applicable), could create serious safety hazards, may result in denial of certification by recognized national safety agencies, and could be in violation of local building codes. This Warranty does not cover any damages occurring from the use of any components not manufactured or supplied by DESA.

2. The DESA appliance must be subjected to normal use. The decorative gas appliances are designed to burn either natural or propane gas only. Burning conventional fireplace fuels such as wood, coal, or any other solid fuel will cause damage to the decorative gas appliance, will produce excessive temperatures, and will result in a fire hazard.

**LIMITATION OF LIABILITY**

It is expressly understood that DESA's sole obligation and purchaser's exclusive remedy under this Warranty, expressed or implied, or in contract, tort, or otherwise, shall be limited to replacement or repair as specified above. In no event shall DESA be responsible for any incidental or consequential damages caused by defects in its products, whether such damage occurs or is discovered before or after replacement or repair, and whether or not such damage is caused by DESA's negligence. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The duration of any implied warranty with respect to this DESA decorative gas appliance is limited to the duration of the foregoing Warranty.

**INVESTIGATION OF CLAIMS AGAINST WARRANTY**

DESA reserves the right to investigate any and all claims against this Warranty and to decide upon method of settlement. DESA is not responsible for work done without written consent. DESA shall in no event be responsible for any warranty work done without first obtaining DESA's written consent.

**HOW TO REGISTER A CLAIM AGAINST WARRANTY**

A (DESA) dealer or distributor should be contacted directly by the owner for any service, including service under these warranties. The repair and replacement of any defective part covered by these warranties is the responsibility of the nearest (DESA) dealer or distributor.

**OTHER RIGHTS**

This Warranty gives you specific rights, and you may also have other rights, which vary from State to State. These warranties are given in lieu of any other expressed warranties. DESA does not authorize any person or representative to make representations to the contrary in connection with the sale of a decorative gas appliance.