

INSTALLER:

Leave this manual with the appliance.

CONSUMER:

Retain this manual for future reference.

WARNING: If the information in these instructions is not followed exactly a fire or explosion may result causing property damage, personal injury or death.

FOR YOUR SAFETY

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

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier call the fire department.

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

This appliance may be installed in an after-market permanently located, manufacture home (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases unless a certified kit is used.

This appliance is suitable for installation in a bedroom or bed sitting room.

PACIFIC ENERGY

SERIAL #

MIRAGE 30 INSTALLATION AND OPERATING INSTRUCTIONS



**MODEL: MIRAGE 30, SERIES: A
DIRECT VENT FREE STANDING
GAS STOVE**



We endorse



**NATIONAL
FIREPLACE
INSTITUTE®**
A CERTIFICATION AGENCY

Visit www.pacificenergy.net for the most recent version of this manual

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DANGER



**HOT GLASS WILL CAUSE
BURNS.**

**DO NOT TOUCH GLASS UNTIL
COOLED.**

**NEVER ALLOW CHILDREN TO
TOUCH GLASS.**

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with the appliance and shall be installed for the protection of children and other at-risk individuals.

This stove is equipped with a micro mesh safety screen for your protection and must be installed with the unit. Removal of the safety screen will cause the stove to become a burn hazard.

Caution

FOR YOUR SAFETY - Do not install or operate your Pacific Energy gas stove without first reading and understanding this manual. Any installation or operational deviation from the following instructions voids the Pacific Energy™ Warranty and may prove hazardous.

This appliance and its individual shut off valve must be disconnected from gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

This 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 1/2 psig (3.5 kPa).

Note: When lit for the first time, the appliance will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

Do not use the gas stove if any part has been under water. Immediately call a qualified service technician to inspect the gas stove and to replace any part of the control system and any gas control which has been under water.



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the United States by the National Fireplace Institute® (NFI) as NFI Gas Specialists

Safety

Due to high temperatures, this gas appliance should be located out of traffic and away from furniture and draperies.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room as the appliance. Toddlers, young children, and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at-risk individuals in the house. To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children, and other at-risk individuals out of the room and away from hot surfaces. Clothing or other flammable material should not be placed on or near the appliance.

Any grill, panel or door removed for servicing the unit must be replaced prior to operating. Failure to do so may create a hazardous condition.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

It is our policy that no responsibility is assumed by the Company or by any of its employees or representatives for any damages caused by an inoperable, inadequate, or unsafe condition which is the result, either directly or indirectly, of any improper operation or installation procedures.

This appliance must not be connected to a chimney flue serving a separate solid fuel burning appliance.

— Important Note for the Commonwealth of Massachusetts —

From Massachusetts Rules and Regulations 248 CMR 5.08:

- (a) For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied.
 - 1. **INSTALLATION OF CARBON MONOXIDE DETECTORS.** At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gas fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed, in addition, the installing plumber or gas fitter shall observe that a battery operated or hard-wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard-wired carbon monoxide detectors.
 - a. In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard-wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.
 - b. In the event that the requirements of this subdivision cannot be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.
 - 2. **APPROVED CARBON MONOXIDE DETECTORS.** Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed as IAS certified.
 - 3. **SIGNAGE.** A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, "GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS".
 - 4. **INSPECTION.** The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.089(2) (a) 1 through 4.
- (b) **EXEMPTIONS.** The following equipment is exempt from 248 CMR 5.089(2)(a) 1 through 4.
 - 1. The equipment listed in Chapter 10 entitled "Equipment Not Required To Be Vented" in the most current edition of NFPA 54 as adopted by the Board; and
 - 2. Product Approved side wall horizontal vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.
- (c) **MANUFACTURER REQUIREMENTS – GAS EQUIPMENT VENTING SYSTEM PROVIDED.** When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:
 - 1. Detailed instructions for the installation of the venting system design or the venting system components; and
 - 2. A complete parts list for the venting system design or venting system.
- (d) **MANUFACTURER REQUIREMENTS – GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED.** When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the fuel gases, but identifies "special venting systems", the following requirements shall be satisfied by the manufacturer.
 - 1. The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and
 - 2. The "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.
- (e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

Mirage 30 Dimensions

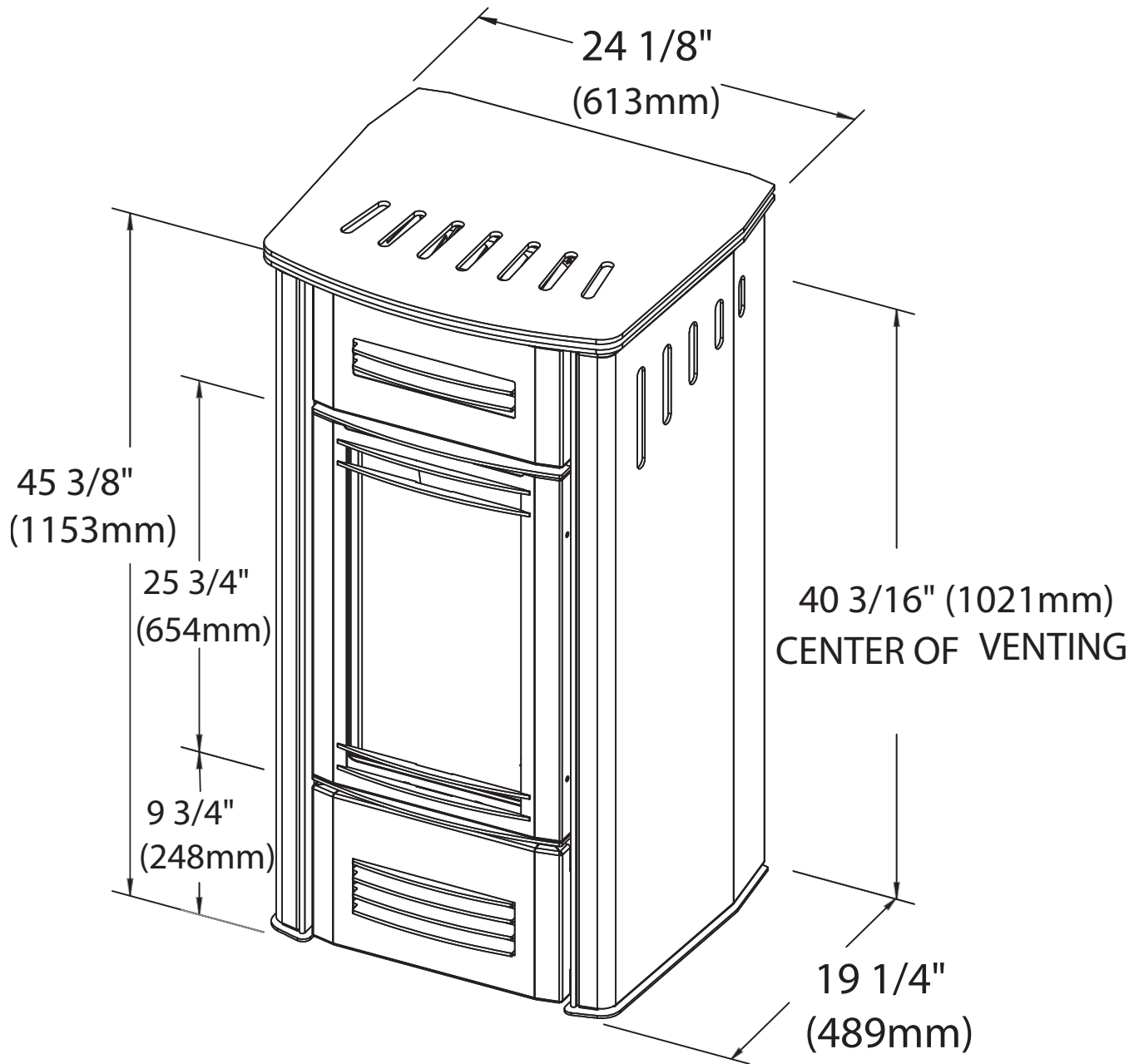
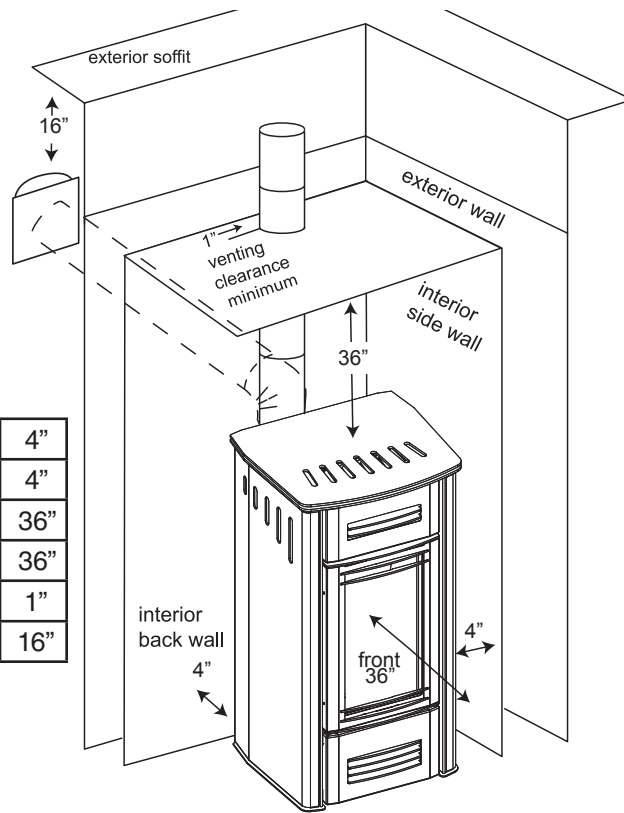


Figure 1: Mirage 30 Dimensions.

Clearances to Combustibles

Minimum Clearance to Combustible Materials

INTERIOR SIDE WALL	4"
INTERIOR BACK WALL	4"
INTERIOR CEILING	36"
IN FRONT OF HEATER	36"
VENTING CLEARANCE	1"
EXTERIOR SOFFIT	16"



Note on corner placement
Refer to minimum clearances as shown in (Figure 3).

Refer to page 8 for venting allowances.

Location Note:

The Mirage 30 can be installed directly onto any flooring material without additional floor protection. The only requirement is that the floor be stable and strong enough to support the stove.

Figure 2: Mirage 30 clearance to combustibles.

Locating the Stove

In planning the installation for the stove, it is necessary to determine where the unit is to be installed, location of vent system or a wall projection (Figure 3). Due to high temperatures, do not locate this stove in areas of high traffic, near furniture or draperies. Also keep in mind that if the unit is positioned to its' minimum clearances as shown in (Figure 2), the unit may need to be moved in order to perform service, depending on the nature of service to be performed.

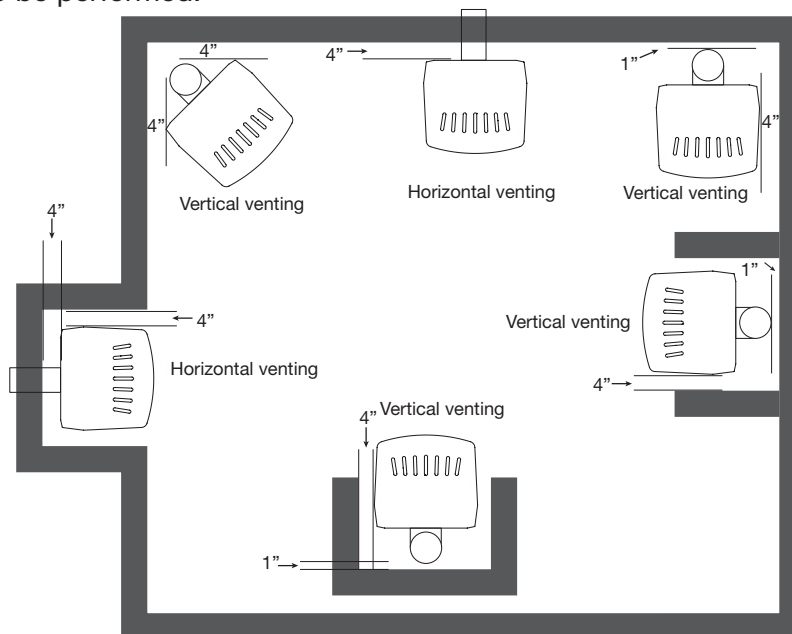


Figure 3: Mirage 30 Common locations & minimum clearances.

Vent Terminal Clearances

Minimum clearances to the vent terminal must be maintained as shown in (Figure 4) and the Roof Pitch Table. Measure clearances to the nearest edge of termination hood.

NOTE: Vent terminal must not be recessed

NOTE: LOCAL CODES OR REGULATIONS MAY REQUIRE DIFFERENT CLEARANCES.

Roof Pitch Table	(minimum)	
	ft	m
Flat to 6/12	1.00	0.30
Over 6/12 to 7/12	1.25	0.38
Over 7/12 to 8/12	1.50	0.46
Over 8/12 to 9/12	2.00	0.61
Over 9/12 to 10/12	2.50	0.76
Over 10/12 to 11/12	3.25	0.99
Over 11/12 to 12/12	4.00	1.22

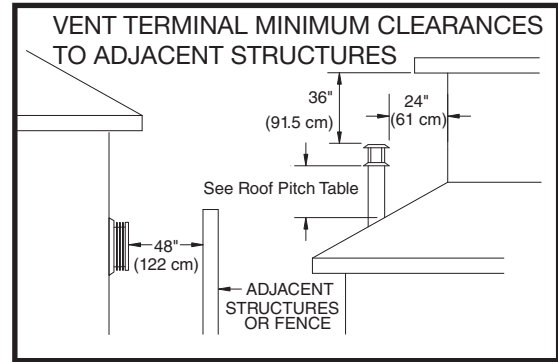


Figure 4: Clearances to adjacent structures.

Vent Terminal Minimum Clearances

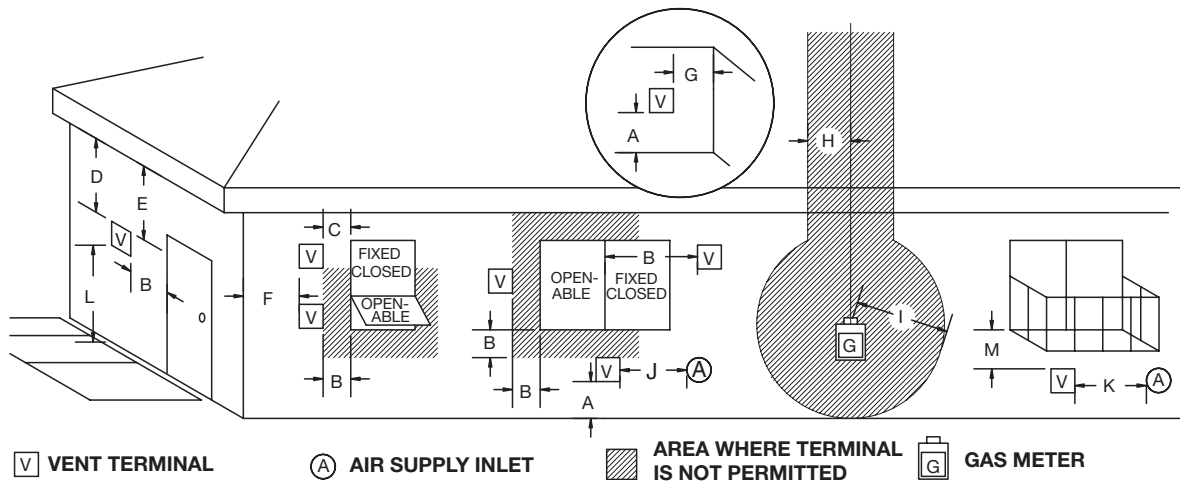


Figure 5: Minimum clearances to vents.

A	*12 inches (30 cm) min.	Clearances above grade, veranda, porch, deck, or balcony
B	*12 inches (30 cm) min.	Clearance to window or door that may be opened
C	12 inches (30 cm) min.	Clearance to permanently closed window recommended to prevent condensation on window
D	16 inches (40 cm) min.	Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm)
E	16 inches (40 cm) min.	Clearance to unventilated soffit
F	6 inches (15 cm) min.	Clearance to outside corner
G	6 inches (15 cm) min.	Clearance to inside corner
H	3 feet (90 cm) min.	*Not to be installed above a meter/regulator assembly within 3 feet (90 cm) horizontally from the center-line of the regulator
I	*3 feet (90 cm) min.	Clearance to service regulator vent outlet
J	*12 inches (30 cm) min.	Clearance to non mechanical air supply inlet to building or the combustion air inlet to any other appliance
K	*6 feet (1.8 m) min.	Clearance to a mechanical air supply inlet
L	*7 feet (2.1 m) min.	^ Clearance above paved side-walk or a paved driveway located on public property
M	**16 inches (76 cm) min	Clearance under veranda, porch, deck, or balcony

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

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

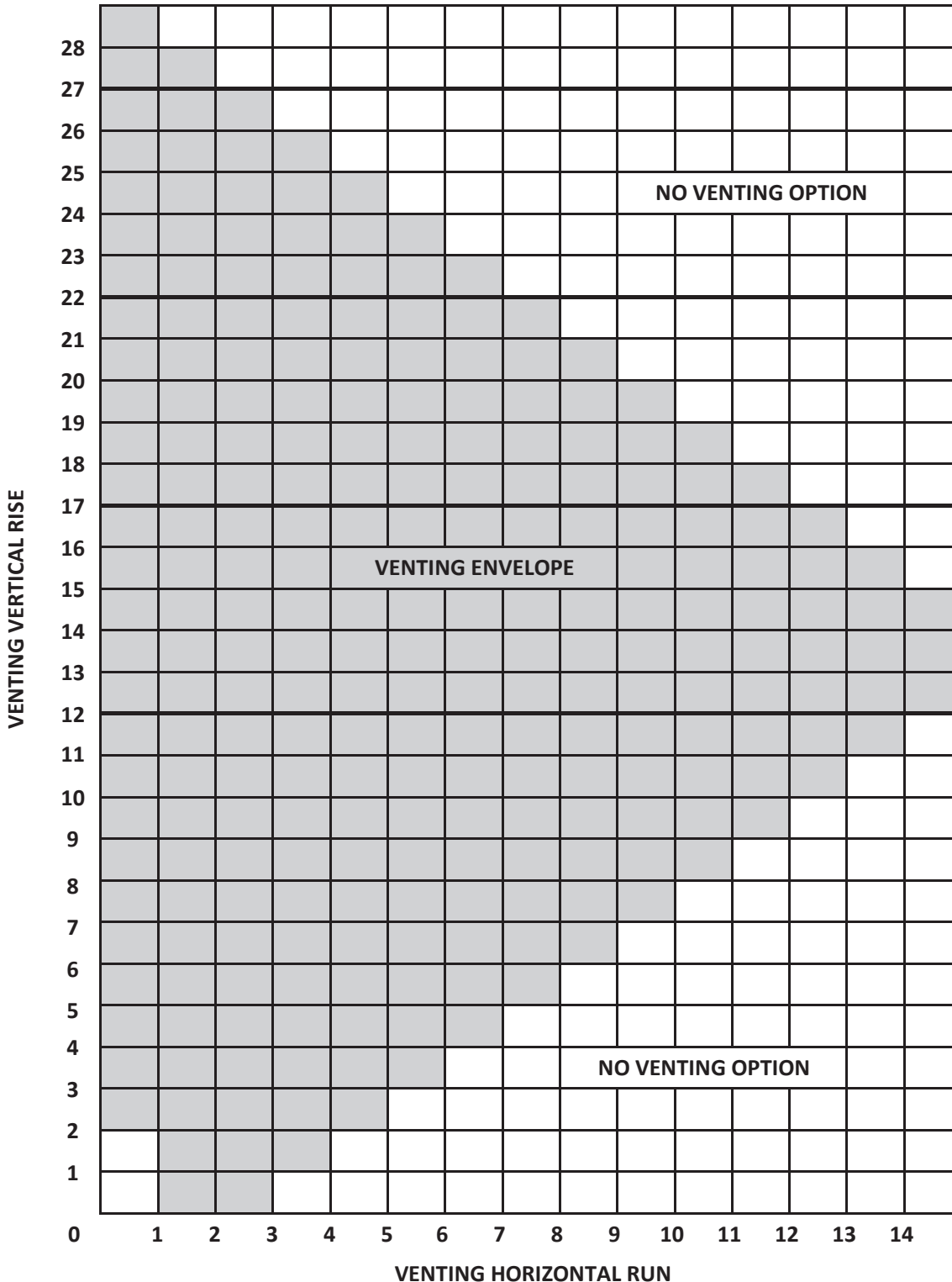
* as specified in CGA B149 Installation Codes, Note: local Codes or Regulation may require different clearances

* for U.S.A. Installations follow the current National Fuel Gas Code, ANSI Z223.1

Co-axial Venting

The Mirage 30 can be vented using co-axial components, or co-linear components for venting through an existing fireplace and chimney. Maximum and minimum venting lengths can be found on the venting charts - co-axial (Figure 6) & co-linear (Figure 7).

MIRAGE 18 / 30 CO-AXIAL VENTING CHART



Note: The vent must not exceed a total length of 28 feet. Any combination of rise and run may be used but must be constrained to the boundaries of this chart. A Maximum of three (3) 90° elbows may be used. Only one (1) 90° elbow or combination of other elbows equaling 90° can be used without reducing horizontal run. For each additional 90° elbow, or an equal combination of elbows, reduce horizontal vent run by 2 feet. Ensure vent pipe is properly supported.

Figure 6: Mirage Venting Chart.

Co-Linear Venting

Simpson Duravent High-Wind (cap style) Co-Linear Kit w/Flex (46DVA-CL34) or Simpson Duravent Prairie (cap style) Co-Linear Kit w/Flex (46DVA-CL34P) are recommended for use with this appliance. Visit <http://www.duravent.com> for kit details.

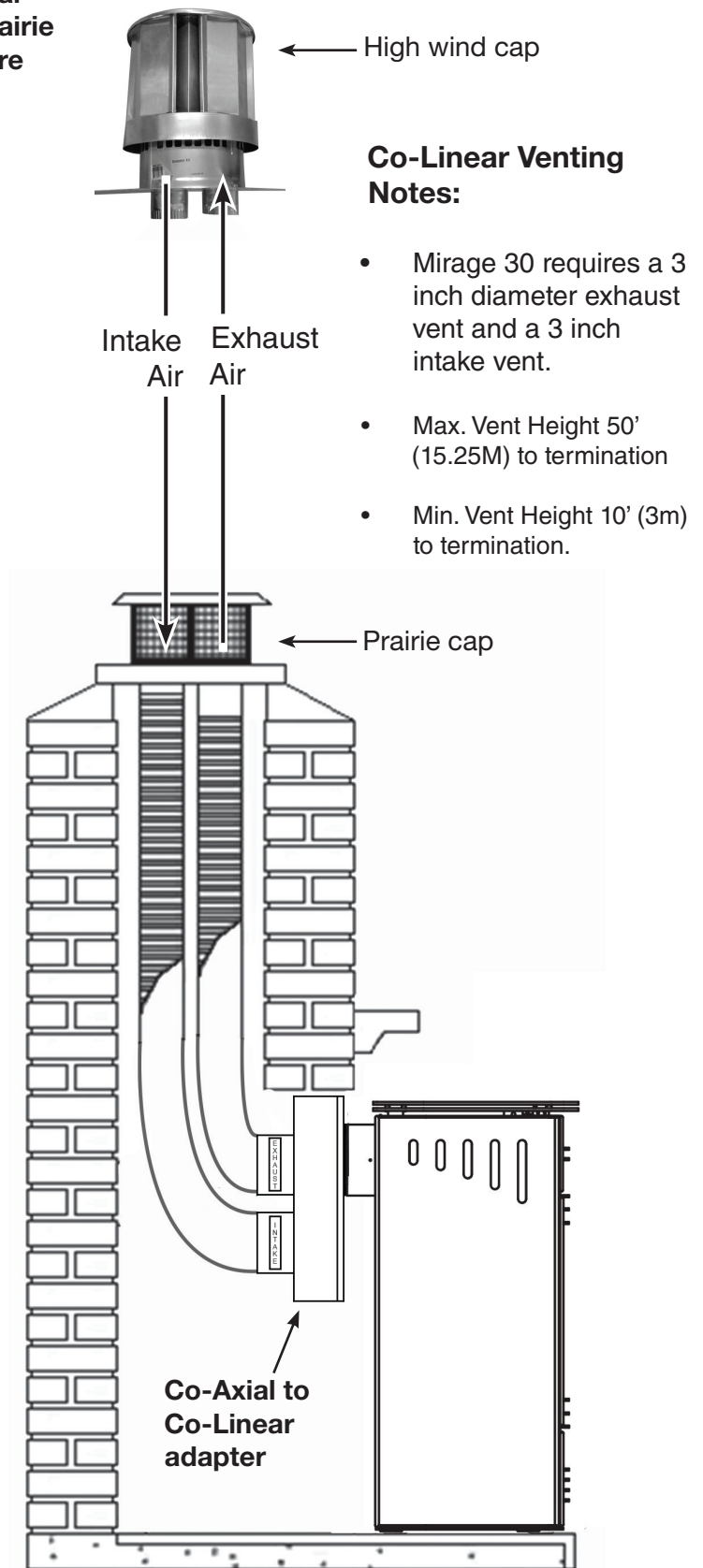
1. Measure chimney height, cut flex liner (min. 10' to termination) as required. Mark one pipe at both ends to identify combustion air intake pipe from flue outlet pipe.
2. Attach marked flex liner pipe to the intake side of vent terminal. Seal and secure with sealant and screws provided. Attach the other pipe to the outlet side of vent terminal. Seal and secure with sealant and screws provided.
3. Insert both flex liners from top of the chimney, down through the damper opening.
4. Before attaching vent terminal to top of chimney, apply a bead of caulking to top of clay liner. Slip vent terminal over liner and secure in place with lateral retaining bolts.
5. For larger chimneys, flashing will need to be constructed according to local building codes.

NOTE:

If venting the Mirage 30 through an existing fireplace opening using a co-axial to co-linear adapter, the customer will have a couple of aesthetic options which include:

1. Sealing up the existing fireplace opening with a cover or other material, leaving room in the cover or other material to accommodate the adapter so that it is positioned flush (Figure 7) with the cover or other material.
2. Position the Mirage 30 so that it and the adapter are located outside of the existing fireplace opening.

Figure 7: Mirage co-linear venting.



Optional Direct Vent Termination “Snorkel”

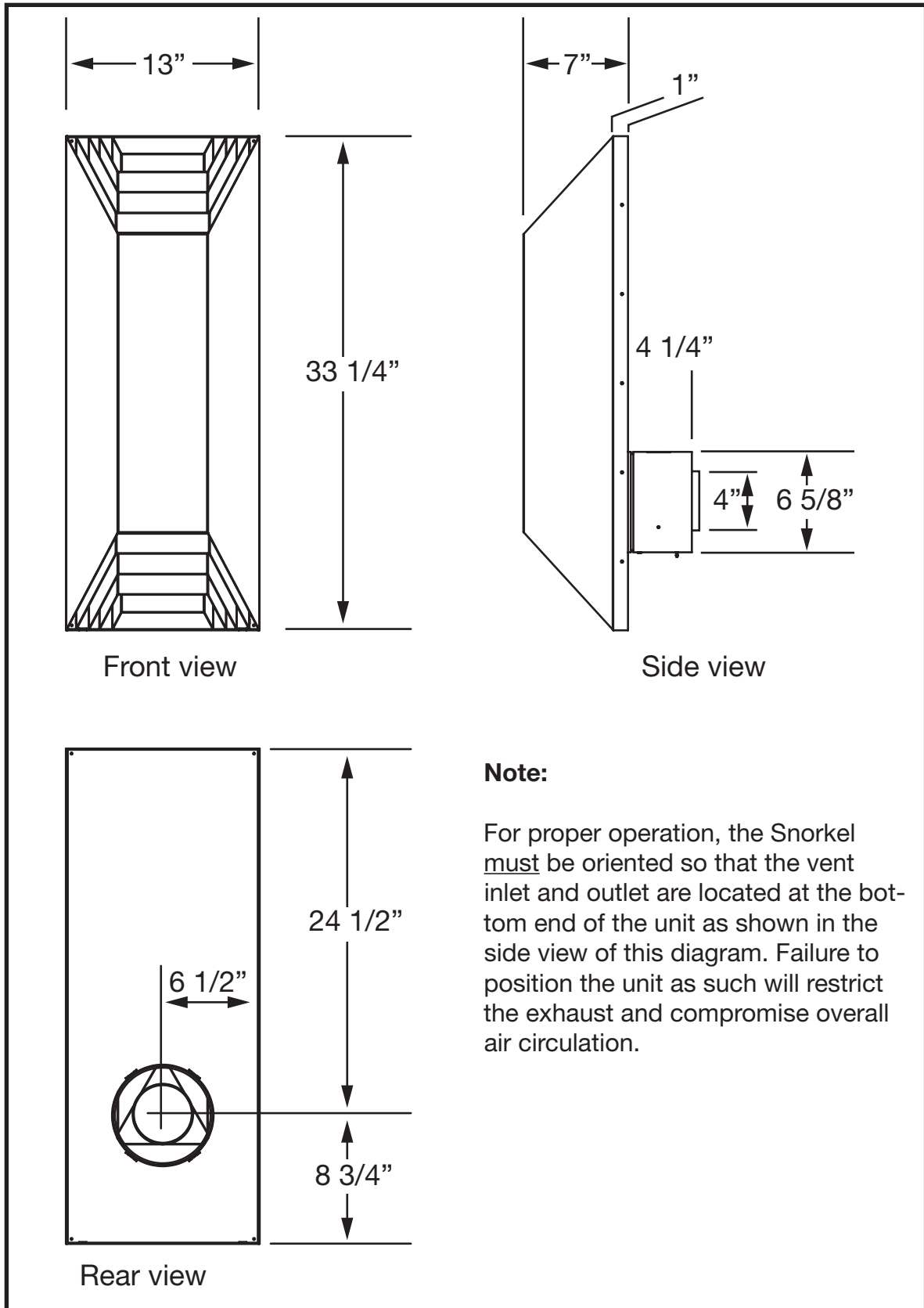


Figure 8: Snorkel dimensions.

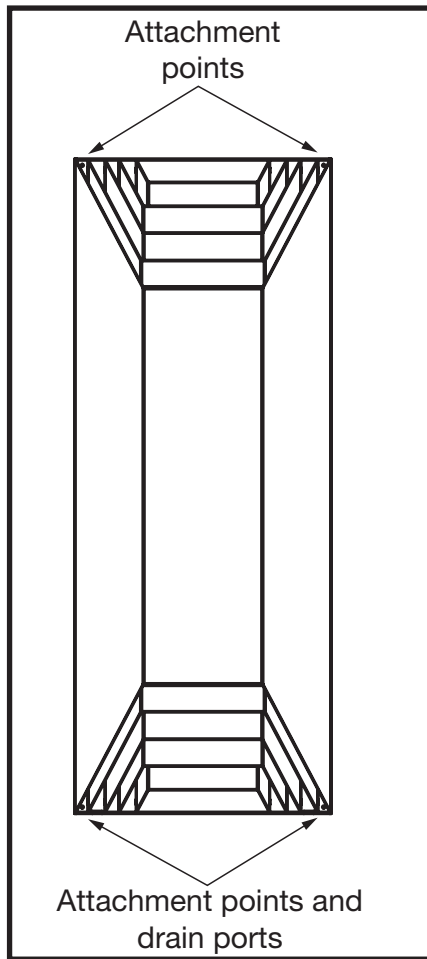


Figure 9: Fastening the snorkel.

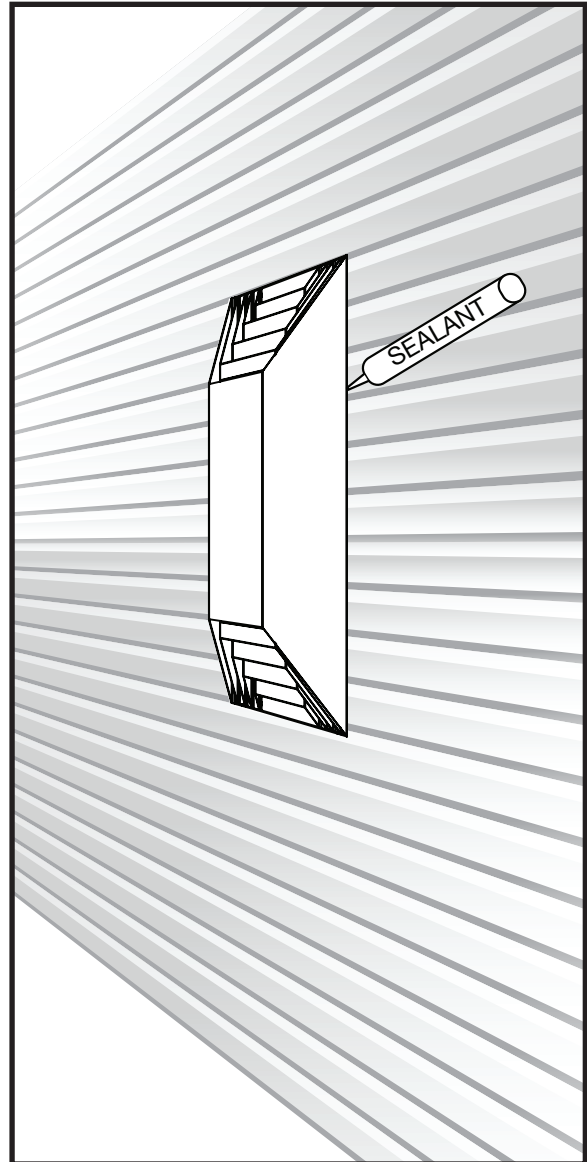


Figure 10: Caulking the snorkel.

Installation:

The Snorkel can be attached to an exterior wall using 4 supplied screws. Be sure to position the Snorkel correctly so that the drain ports are located at the bottom of the unit.

Exterior facing or siding can butt right up to the sides of the unit and can extend up to 1" from the wall to which the unit is attached.

Exterior caulking should be applied to the unit both at the wall where the unit attaches and where the exterior facing or siding meets the unit.

Venting Components

NOTE: Mixing venting components from different manufacturers is inadvisable.

Description	ICC EXCELDirect®		Metal-Fab® Sure-Seal		Security Secure Vent™		Selkirk Direct-Temp™		DuraVent DirectVent Pro®	
	Galvanized	Black	Galvanized	Black	Galvanized	Black	Galvanized	Black	Galvanized	Black
6" Pipe Length	4DL6	4DL6B	4D6	4D6B	SV4L6	SV4LB6	4DT-06	4DT-06B	46DVA-06	46DVA-06B
9" Pipe Length	N/A	N/A	N/A	N/A	N/A	N/A	4DT-09	4DT-09B	46DVA-09	46DVA-09B
12" Pipe Length	4DL1	4DL1B	4D12	4D12B	SV4L12	SV4LB12	4DT-12	4DT-12B	46DVA-12	46DVA-12B
18" Pipe Length	N/A	N/A	4D18	4D18B	N/A	N/A	4DT-18	4DT-18B	46DVA-18	46DVA-18B
24" Pipe Length	4DL2	4DL2B	4D24	4D24B	SV4L24	SV4LB24	4DT-24	4DT-24B	46DVA-24	46DVA-24B
36" Pipe Length	4DL3	4DL3B	4D36	4D36B	SV4L36	SV4LB36	4DT-36	4DT-36B	46DVA-36	46DVA-36B
48" Pipe Length	4DL4	4DL4B	4D48	4D48B	SV4L48	SV4LB48	4DT-48	4DT-48B	46DVA-48	46DVA-48B
60" Pipe Length	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	46DVA-60	46DVA-60B
Adjustable Length (< 12")	4DLT	4DLTB	4DAL	4DALB	SV4LA SV4LA12	SV4LB SV4LB12	4DT-AJ12	4DT-AJ12B	46DVA-08A	46DVA-08AB
Adjustable Length (> 12")	N/A	N/A	N/A	N/A	SV4LA24	SV4LB24	N/A	N/A	46DVA-16A	46DVA-16AB
Telescopic Pipe	N/A	N/A	N/A	N/A	N/A	N/A	4DT-TL14 4DT-TL38	4DT-TL14B 4DT-TL38B	46DVA-17TA 46DVA-24TA	46DVA-17TAB 46DVA-24TAB
45° Elbow	4DE45	4DE45B	N/A	N/A	N/A	SV4EBR45	4DT-EL45	4DT-EL45B	46DVA-E45	46DVA-E45B
45° Elbow (Swivel)	N/A	N/A	4D45L	4D45LB	SV4E45	SV4EB45	N/A	N/A	N/A	N/A
90° Elbow	4DE90	4DE90B	N/A	N/A	N/A	SV4EBR90	4DT-EL90S	4DT-EL90SB	46DVA-E90	46DVA-E90B
90° Elbow (Swivel)	N/A	N/A	4D90L	4D90LB	SV4E90	SV4EB90	N/A	N/A	N/A	N/A

4" x 6 5/8" Rigid Piping Components Cross Reference

Figure 11: Venting Components 1.

Description	ICC EXCELDirect®	Metal-Fab® Sure-Seal	Security Secure Vent™	Selkirk Direct-Temp™	DuraVent DirectVent Pro®
Ceiling Support	4CS	4DSP	SV4SD	4DT-CS	46DVA-DC
Cathedral Support Box	4SS	4DRS	SV4CSB	4DT-CSS	46DVS-CS
Wall Support	4WS	4DWS	SV4BM	4DTWS/B	46DVA-WS
Offset Support	4OS	N/A	SV4SU	4DT-OS	46DVA-ES
Wall Thimble	4WT	4DWT	SV4RSM	4DT-WT	46DVA-WT
Firestop Spacer	4CS	4DFS	SV4BF	4DT-FS	46DVA-FS
Trim Plate	4TP	4DCP	SV4PF	4DT-TP	N/A
Attic Insulation Shield	4AS	N/A	SV4RSA	4DT-AIS	46DVA-IS
Storm Collar	4SC	4DSC	SV4FC	4DT-SC	46DVA-SC
Flat Roof Flashing	4F	N/A	SV4F	4DT-AF6	46DVA-FF
Adjustable Flashing (0/12 - 6/12)	4FA	4DF	SV4FA	4DT-AF6	46DVA-F6
Adjustable Flashing (6/12 - 12/12)	4FB	4DF-12	SV4FB	4DT-AF12	46DVA-F12
Vinyl Siding Standoff	4VSS	4DVS	SV4VS	4DT-VS	46DVA-VSS
High Wind Vertical Cap	4VT	N/A	N/A	N/A	46DVA-VCH
High Wind Horizontal Cap	4DHT	N/A	N/A	N/A	46DVA-HSCH
Horizontal Termination Cap	4HT	4DHT	SV4CHC	4DT-HC	46DVA-HC
Vertical Termination Cap	4VT	4DVT	SV4CGV	4DT-VT	46DVA-VC
Snorkel Termination Cap	4ST14 4ST36	4DST14 4DST36	SV4STC14 SV4STC36	4DT-ST14 4DT-ST36	46DVA-SNK14 46DVA-SNK36
Horizontal Termination Kit	4HTK	4DHTKA 4DHTKB	SV0HK SV0HK2	4DT-HKA 4DT-HKB	46DVA-KHA 46DVA-KHC
Vertical Termination Kit	N/A	4DHTK	SV0FK SV0FAK / SV0FBK	4DT-VKC	N/A

4" x 6 5/8" Rigid Pipe Components Cross Reference Chart

Figure 12: Venting Components 2.

Gas and Electrical Connections

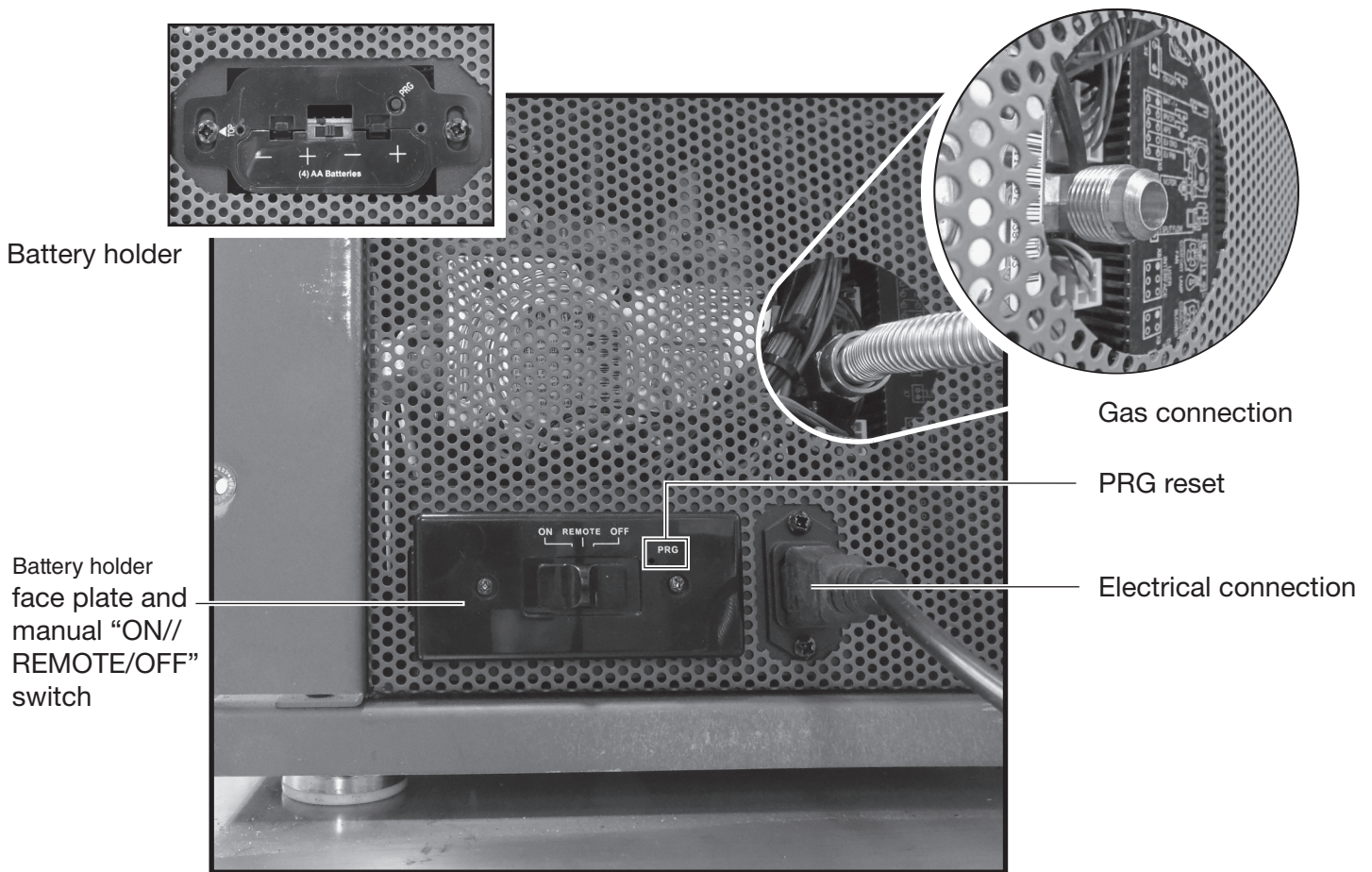


Figure 13: Gas and Electrical connection.

Gas connection

Connect the gas supply line to the 1/2" flare fitting at the rear of the unit as seen in (Figure 13). Please see the gas supply section of the manual for requirements of the gas supply.

Electrical connection

Plug the provided IEC power cord into the receptacle at the rear of the unit as shown in (Figure 13). The battery holder and manual "ON/REMOTE/OFF" switch is also located here. See details of operation on page 19.

Gas Supply

Servicing of the stove can be performed from the rear of the unit by removing the access panel from the unit. Caution: The gas line should be installed by a qualified service person in accordance with all building codes. This section is intended as a guide for qualified technicians installing this stove. Consult local and/or national building codes before proceeding.

- Gas supply line connection is located on the rear of the stove. Gas connection accepts a ½" 45° flare fitting. Correct gas line diameter must be used to assure proper operation and pressure.
- The stove input rating is shown in the chart below.
- A drip leg must be installed in the gas supply line going to the gas control valve to minimize the possibility of any loose scale or dirt within the gas supply line from entering the control valve.
- It is essential that a union or flanged connection be installed just upstream of the valve to allow for repair or replacement of the gas valve.

Check local codes for additional requirements.

Turn on the gas supply and check that all connections are tight and leak free.

Gas Pressure Check

Gas pressure requirements

<u>Input Pressure</u>	<u>Natural Gas</u>	<u>Propane</u>
Minimum	4.0" WC	11.0" WC
Maximum	13.9" WC	13.9" WC

Manifold Pressure

High	3.5" WC	10" WC
Low	1.6" WC	6.4" WC

Mirage

<u>Gas</u>	<u>Orifice</u>	<u>Output</u>	<u>AFUE</u>
NG	1.98mm	30,000 btu/hr	72%
LP	1.25mm	28,000 btu/hr	72%

Please refer to following page for gas pressure testing procedure.

Gas Pressure Testing Procedure

Note: To test the gas pressure, turn off the gas supply to the stove before loosening test point screws. Verify gas pressures with the stove lit and at the highest setting.

1. Remove switch cover and back panel and locate the valve as seen in (Figure 14).
2. Locate the inlet and outlet test points on the valve which can be seen in (Figure 15). After locating test ports loosen the screws within the ports using a flat-tip screwdriver.
3. Attach pressure gauge to the test ports.
4. Turn gas supply back on and test pressures.
5. After testing is finished turn off gas supply, remove the pressure gages and re-tighten the screws in the test points.

Pilot Adjustment

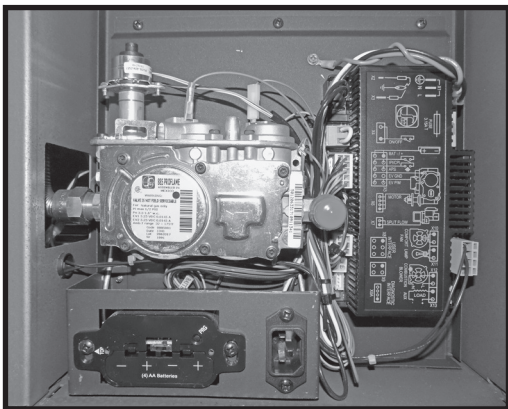


Figure 14: Valve & IFC module location.

The pilot flame level can be adjusted by turning the adjustment screw, using a flat-tip screwdriver, seen on the valve in (Figure 15).

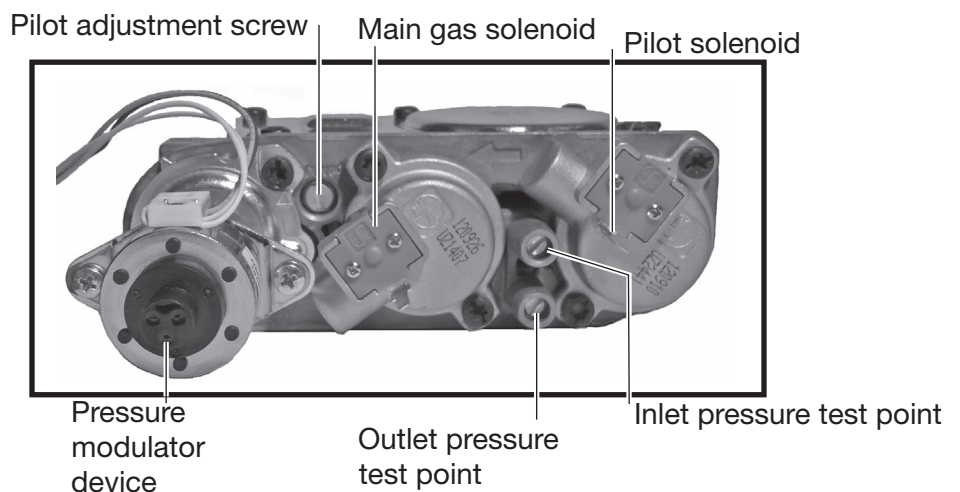


Figure 15: valve.

Lighting Instructions

FOR YOUR SAFETY READ BEFORE LIGHTING

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

- A. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS:**
- Do not try to light any appliance.
 - Do not touch any electric switch; do not use any phone in your building.

- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance & to replace any part of the control system & any gas control which has been under water.

LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information above on this label.
2. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
3. Push the "On/ Off" switch to turn the fireplace ON.
 - If the burner does light go to step 6.
 - If the burner does not light, complete steps 4 through 5.
 - If the burner will not light or stay lit after several tries, push the "On/ Off" switch for the fireplace to OFF, turn off all electric power

to the fireplace and call your service technician or gas supplier.
Note: Sufficient time must be allowed for air to escape from lines if the unit is being lit for the first time.

4. Push the "On/ Off" switch to the fireplace Off.
5. Allow sufficient length of time (minimum 5 minutes) for any gas in the combustion chamber to escape. If you still smell gas, **STOP!** Follow "B" in the safety information above on this label. If you don't smell gas, go to step 3.
6. Set fireplace to desired setting by using hand held remote.

TO TURN OFF GAS APPLIANCE

1. Push the "on/ off" switch to the "Off" position.

2. Turn off all electric power to the appliance and remove backup batteries if service is to be performed or for extended shutdown.

Due to high surface temperatures, keep children, clothing and furniture away. Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.

A cause de la temperature elevee des parois, tenir eloignes les enfants, les vetements et les meubles. Maintenir propres le bruleur et le compartiment de commande. Voir les instructions relatives a l'installation et au fonctionnement qui accompagnent l'appareil.

CAUTION: Hot while in operation. Do not touch. Severe burns may result. Keep children, clothing, furniture, gasoline and other liquids having flammable vapours away. Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.

ATTENTION: L'appareil est chaud lorsqu'il fonctionne. Ne pas toucher l'appareil. Risque de brûlures graves. Surveiller les enfants. Garder les vêtements, le meubles, l'essence ou autres liquides produisant des vapeurs inflammables loin de l'appareil. S'assurer que le brûleur et le compartiment des commandes sont propres. Voir les instructions d'installation et d'utilisation qui accompagnent l'appareil.

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Figure 16: Mirage 30 Lighting Instructions.

First Fire

When lit for the first time, the gas stove will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. Odours caused by the curing process may cause discomfort to some individuals.

It is normal for stoves fabricated of steel to give off some expansion and/or contraction noises during the start up or cool down cycle. Similar noises are found with your furnace heat exchanger or cook stove oven.

Special Operator Note

NOTE: Pilot may take up to 30 seconds to ignite each time the “ON” button has been selected.

Remote Control Operation

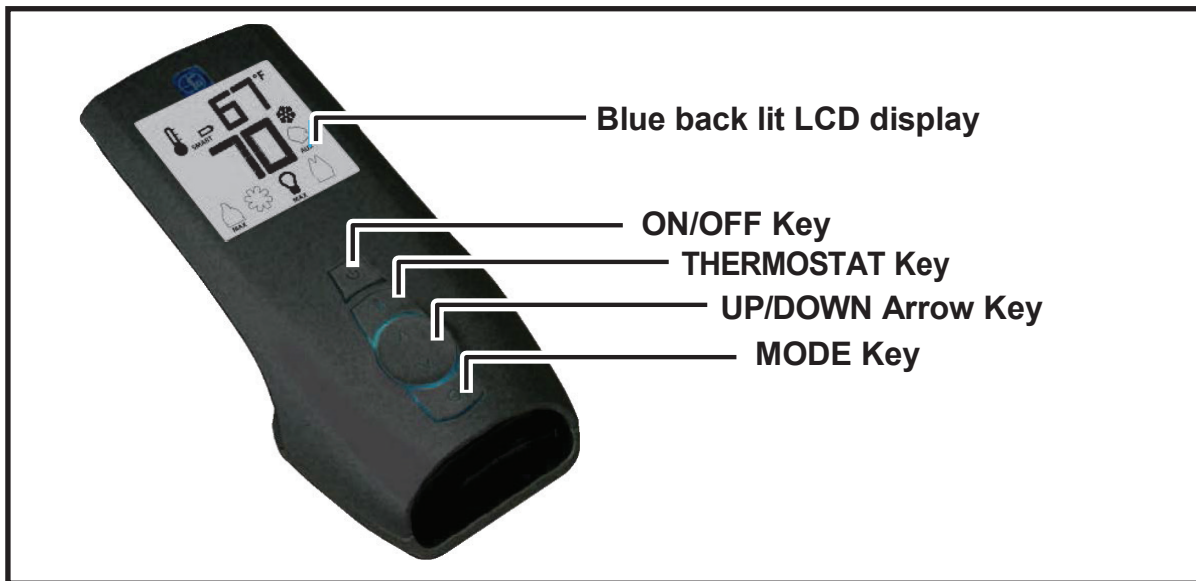


Figure 17: Proflame 2 handset.

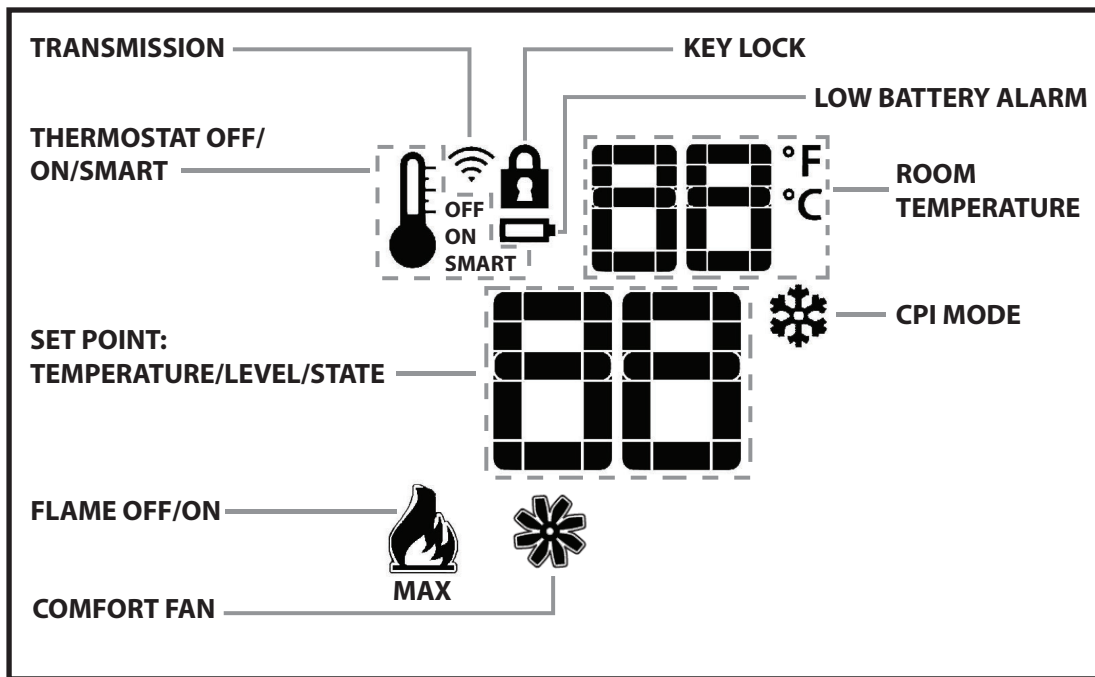


Figure 18: Proflame 2 LCD display.

Attention!

- Turn off the main gas supply for the appliance during installation or maintenance of the receiver/module device.
- Turn off main gas supply for the appliance prior to removing or reinserting the batteries.
- In case of remote control malfunction, turn off the fireplace using the “on/off” main switch located on back of stove.
- For installation/maintenance, turn off the fireplace at the on/off switch located on the back of the unit and at the fireplace power supply circuit breaker.

Remote Transmitter Description

The Proflame 2 Remote Control consists of two elements:

1. Proflame 2 Remote Control Transmitter.
2. Proflame Integrated Fireplace Control (IFC Module) board and a wiring harness to connect the IFC to the gas valve and stepper motor (Figure 14).

Transmitter (Remote Control with LCD Display)

The Proflame2 Transmitter uses a streamline design with a simple key layout and an informative LCD display (Figure 18). The remote control transmitter is powered by 3 AAA batteries. A mode key is provided to index between the features and a thermostat key is used to turn on/off or index through thermostat functions (Figure 17).

IFC Module

The Proflame 2 Integrated Fireplace Control (IFC) module is a device that allows automatic ignition and pilot flame supervision and commands the functions of the fireplace. It's configured to control the ON/OFF main burner operation, giving the choice of both IPI (intermittent pilot ignition), and CPI (continuous pilot ignition) modes. The Proflame 2 IFC module controls and connects directly to the pilot assembly and the automatic valve using low electric power.

The IFC module can be powered by both an AC power supply, and battery pack for back up. The Proflame 2 offers the added ability to control the comfort fan speed from OFF through six (6) speeds. The external batteries can provide DC power to the IFC allowing the batteries to be used only when line power is interrupted or lost.

Operating Procedure

Initializing the Fireplace for the first time

1. With the gas stove power plug unplugged and the main switch - located in the rear of the stove, turned to the OFF position, remove the switches' face plate and install 4 AA batteries into the battery holder (Figure 13). Once the batteries are installed and the switches' face plate reattached, turn the selection switch to "Remote" setting.
2. Install 3 AAA batteries into the Proflame2 Remote Control Transmitter (Figure 19).
3. Plug the power plug in and turn on the gas supply.
4. Insert a straightened paper clip into the opening marked "PRG" of the switches' face plate (Figure 13) and press the program key once (alternately, if the face plate is already off, simply press the "PRG" button on the battery holder). The IFC module, also located on the inside of the gas stove enclosure, will beep 3 times indicating that it is ready to synchronize with a remote control transmitter.
5. On the remote control transmitter, push the power on key once. The remote control transmitter will beep 4 times to indicate that the remote control transmitter and the IFC module are now synchronized. The remote control transmitter is now ready to use.

Using the Remote Control Transmitter

Temperature indication Display

With the remote control transmitter in the “OFF” position, press the thermostat and mode keys at the same time. Look at the LCD screen on the remote control transmitter to verify that a C or F is visible to the right of the room temperature display. (Figure 20) & (Figure 21).

Turn on the Stove

With the stove OFF, press the ON/OFF key on the remote control transmitter. The remote control transmitter display will show the active icons on the screen. At the same time the wall switch will activate the stove via the IFC module. A single “beep” from the IFC module will confirm reception of the command.

Turn off the Stove

With the stove ON, press the ON/OFF key on the remote control transmitter. The remote control transmitter LCD display will only show the room temperature (Figure 20) & (Figure 21). At the same time the IFC module will turn off the stove. A single “beep” from the IFC module confirms reception of the command.

Manual Bypass of the Remote Control Transmitter

If the batteries of the remote control transmitter are low or depleted, the gas stove can be turned off manually using ON/OFF switch located on rear of the gas stove (Figure 13). This will bypass the remote control transmitter.

Remote Flame Control

The Proflame2 has six (6) flame levels (Figure 22). With the gas stove turned on, and the flame level at maximum height, press the down arrow key once to reduce the flame height by one step until the flame is turned off.

The up arrow key will increase the flame height each time it is pressed. If the up arrow key is pressed while the gas stove is on but the flame is off, the flame will come on in the high position. A single “beep” will confirm reception of the command.



Figure 19: Proflame 2 remote control battery bay.

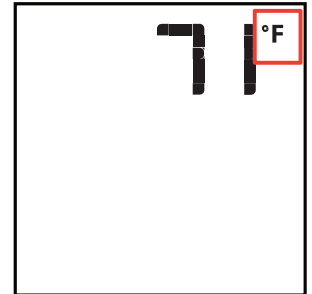


Figure 20: Display in Fahrenheit.

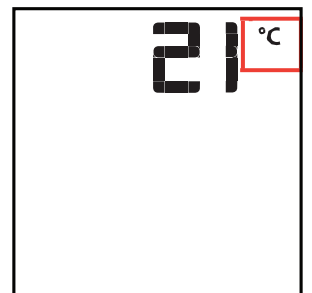
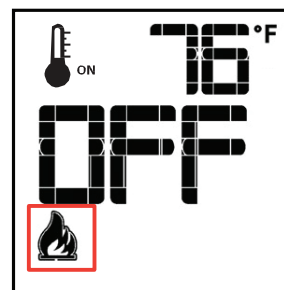
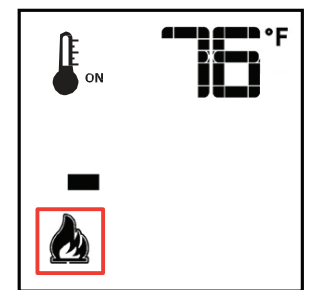


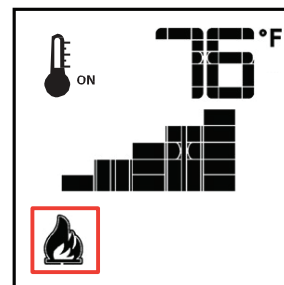
Figure 21: Display in Celsius.



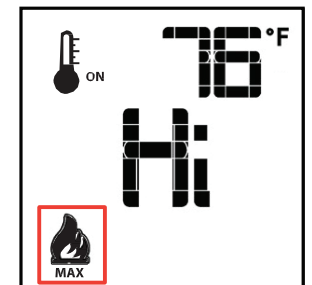
Flame level OFF



Flame level 1



Flame level 5



Flame level MAX

Figure 22: Flame level control.

Room Thermostat (Transmitter Operation)

The remote control transmitter can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in a room. To activate this function, press the thermostat button (Figure 17), the LCD display on the remote control transmitter will change to show that the room thermostat is “ON” and the set temperature is now displayed (Figure 23). To adjust the set point, press the up or down arrow button until the desired set point temperature is displayed on the LCD screen of the remote control transmitter.

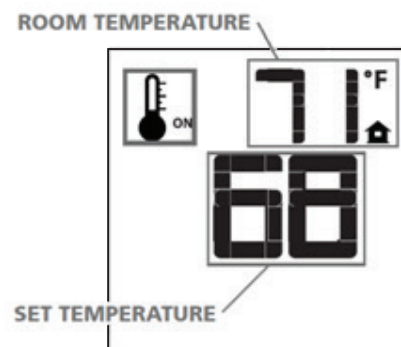


Figure 23: Room temperature.

Smart Thermostat (Transmitter Operation)

The Smart Thermostat function adjusts the flame height in accordance to the difference between the set point and the room temperatures. As the room temperature gets closer to the set point, the Smart Function will modulate the flame down. If the room temperature is cool, the Smart Function will modulate the flame up. To activate this function, press the THERMOSTAT button (Figure 17) until the word “SMART” appears to the right of the temperature icon (Figure 24). To adjust the set point, press the up or down arrow buttons on the handset until the desired set point temperature is displayed on the LCD screen of the remote control transmitter (Figure 25).

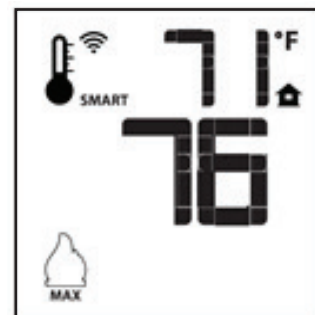


Figure 24: Smart flame function MAX temp.

Comfort Fan Speed Control

If the Stove is equipped with a hot air circulating fan, the speed of the fan can be controlled by the Proflame 2 System. The fan speed can be adjusted through six (6) speeds (Figure 26). To activate this function use the Mode Key (Figure 17) to index to the fan control icon (Figure 27). Use the Up/Down Arrow Keys (Figure 17) to turn on, off or adjust the fan speed (Figure 26). A single “beep” will confirm reception of the command.

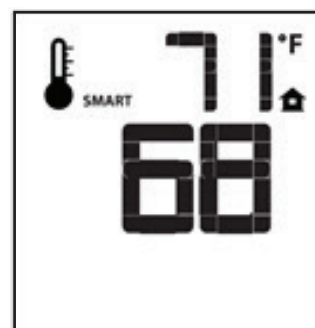


Figure 25: Smart flame adjusting temperature.

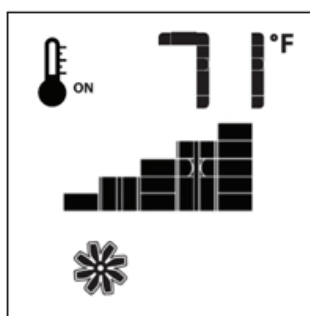


Figure 26: Comfort fan max.



Figure 27: Comfort fan off.

Continuous Pilot/Intermittent Pilot (CPI/IPI) selection

With the system in the “OFF” position, press the Mode Key (Figure 17) to index to the CPI mode icon (Figure 28). Pressing the Up Arrow Key will activate the Continuous Pilot Ignition mode (CPI). Pressing the Down Arrow Key will return to IPI. A single “beep” will confirm the reception of the command.

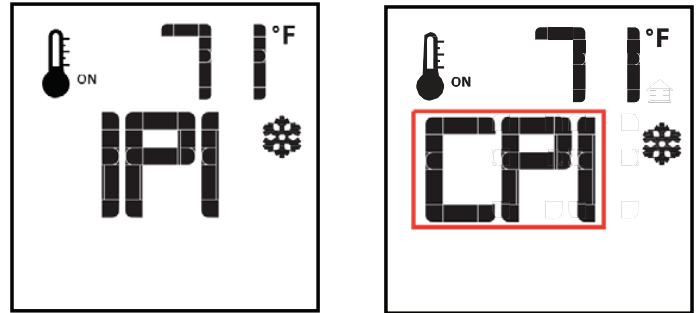


Figure 28: IPI - CPI control.

Key Lock

This function will lock the keys to avoid unsupervised operation. To activate this function, press the MODE and UP keys at the same time (Figure 17). The lock icon will appear (Figure 29). To deactivate this function, press the MODE and UP key at the same time.

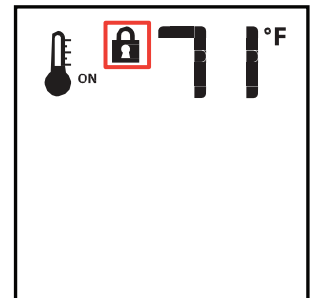


Figure 29: Key lock.

Low Battery Power Detection Transmitter

The life span of the remote control batteries depends on various factors: quality of the batteries used, the number of ignitions of the Stove, the number of changes to the room thermostat set point, etc.

When the remote control transmitters' batteries are low, an icon will appear on the LCD display (Figure 30) of the remote before all battery power is lost. When the batteries are replaced this icon will disappear.

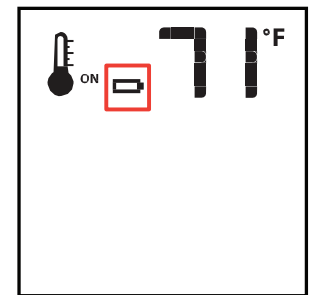


Figure 30: Low battery.

Receiver

The life span of the IFC module batteries depends on various factors: quality of the batteries used, the number of ignitions of the Stove, the number of changes to the room thermostat set point, etc.

When the IFC batteries are low, a “double-beep” will be emitted from the IFC module when it receives a command from the remote. This is an alert for a low battery condition for the IFC module. When the batteries are replaced, a single “beep” will be emitted from the IFC module when a key is pressed - See (“Initializing the Fireplace for the first time” on page 19).

Maintenance

CAUTION:

Turn off gas and electrical power supply (if applicable) and allow ample time for unit to cool before servicing appliance. It is recommended that the gas stove and its venting should be inspected at least once a year by a qualified service person.

Glass Door:

Warning: Do not operate gas stove with glass door removed, cracked or broken. Replacement of the glass door should be done by a licensed or qualified service person.

Do not strike or otherwise impact the glass in anyway that may cause it to break. If the glass becomes cracked or broken it must be replaced before using the fireplace. Replacement glass can be obtained from your nearest Pacific Energy™ dealer. The size required is 13" x 20 5/16" x 5mm. Use ceramic glass only. **Do not substitute with any other type.**

To remove broken glass, remove door frame as noted in section, See ("Door Removal / Installation" on page 25). Unclip the glass retainer clips located at the top and sides of the glass door frame. Pull the top edge of the glass out of the frame first, then lift it up and out of the bottom edge.

Install the new piece of glass with the gasket into the frame so that the thicker bead of gasket faces the gas stove.

Re-install glass retaining clips.

Annual Inspection:

- a) Remove glass door and inspect the decorative burner media (such as logs, pebbles, glass etc) for soot build up. If excessive build up of soot is present, have a qualified service person inspect and adjust the unit for proper combustion. Clean the decorative media and use a brush or vacuum cleaner to clean the burner, paying close attention to the burner ports.
- b) Check the pilot system for proper flame size and operation. Clean pilot free of soot, dust or any other deposits.
- c) Check that the vent pipe and vent terminal are open and free from blockage or debris. If the venting is disassembled for cleaning, it must be properly assembled and re-sealed.
- d) Check glass panel gasket, replace if necessary. It is important that the glass seal be maintained in good condition.
- e) Check and replace batteries as needed.

Note: The appliance area must be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.

Periodically:

- a) Viewing glass may be cleaned as necessary with glass cleaner.
- b) Exterior finish may be cleaned with mild soap and water.

CAUTION:

Do not use abrasive cleaners on glass or any other part of the gas stove.

Do not clean glass when hot.

Propane Conversion

Before starting the conversion make sure to shut off the gas supply to the unit and allow stove to cool to room temperature.

To convert the gas stove from natural gas to propane, the (GASC.LP30KIT) kit is required. This kit comes with new pilot and burner orifices as well as a new pressure modulator for the valve.

To switch the pressure modulator, follow the instructions that are provided with the conversion kit.

To change the orifices you are required to remove the door, and side cladding on your right. Please refer to the appropriate sections of this manual and follow instructions on how to correctly remove the components.

After removing the side cladding you will have access to the burner orifice's mounting plate on right side of unit. To access the orifice remove the two nuts securing the mounting plate and pull from side of unit (Figure 33). The orifice can be removed using a 1/2" socket. Before installing the new orifice, Loctite 567 Thread Sealant needs to be applied to the threads of the new orifice to ensure a proper seal when installed.

To replace the pilot orifice or to clean the pilot itself, you will need to remove the pilot hood which is held in place by a spring. First remove the spring, (Figure 32) and then remove the hood by pulling it up from the pilot bracket. To remove the existing orifice insert a 5/32" or 4mm Allen wrench into the hexagonal key-way of the orifice and rotate counter-clockwise until free. Insert the new orifice using the same Allen wrench and tighten it until a torque of 9 lbf in (1 Nm) is achieved. Replace the pilot hood by aligning the tab on the base of the hood with the slot in the side of the pilot journal, and push the hood down onto the pilot bracket. Replace the spring by pushing it onto its seat.

Before reinstalling the cladding, the venturi shutter will have to be adjusted to the correct opening - See ("Air Adjustment" on page 31) for correct adjustment of venturi.

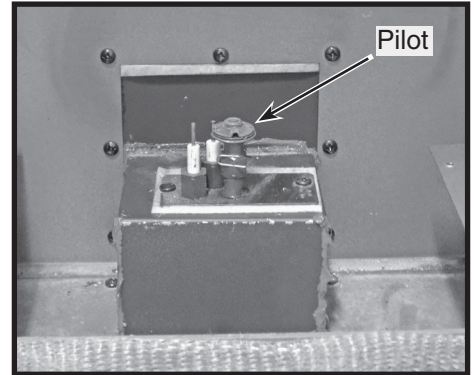


Figure 31: Mirage 30 Pilot.

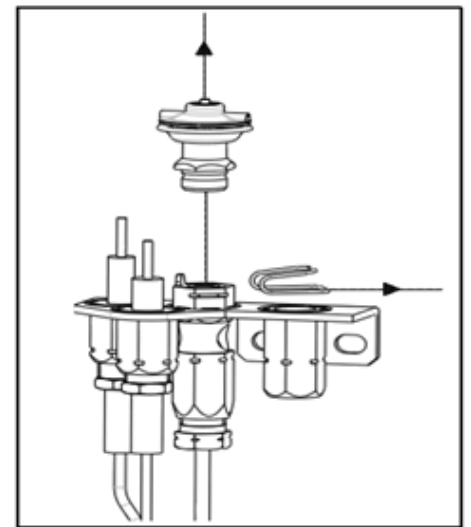


Figure 32: Pilot hood.

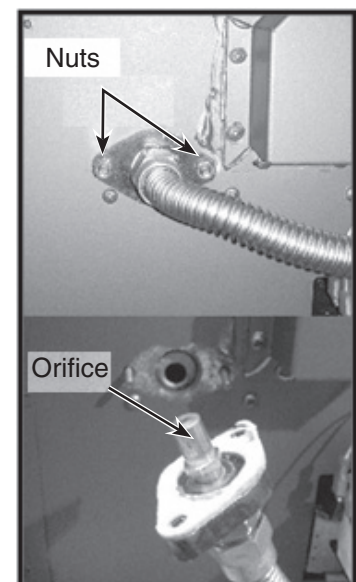


Figure 33: Orifice extraction.

Door Removal / Installation



Figure 34: Glass retainer.

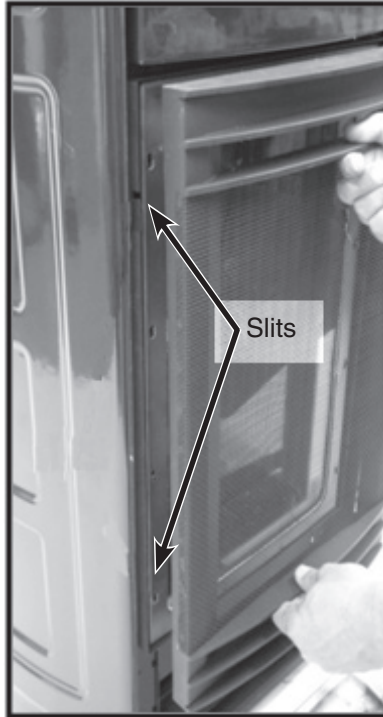


Figure 35: Outer door.

Removal

1. Lift the outer door up and pull away from unit.
2. Remove the 16 3/8" nuts (Figure 34) Carefully remove the glass retainer with the glass by tilting the top towards you.

Installation

1. Position the glass retainer's frame so that the studs on unit align with holes in frame. Secure using 12 3/8" nuts (Figure 34).

CAUTION: Over tightening of nuts could result in glass fracturing.

2. Insert and lower the outer door by positioning the door's pins into the slits in the firebox frame (Figure 35).

Fan Removal / Installation

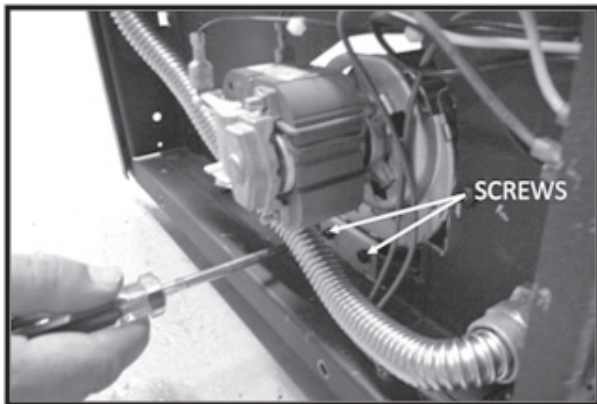


Figure 36: Fan install-removal.

Removal

1. Start by turning off the main gas supply to stove and disconnect the gas supply from the 1/2" flare fitting (Figure 13). Also, disconnect the power cord from the unit.
2. Remove 3 bolts (3/8" or Phillips) holding the side cladding panel on your right hand side (Figure 56).
3. Remove the two (2) screws from the panel (Figure 36) and pull the fan out of unit. You will have to disconnect the wires from the fan before you can remove it completely.

Installation

1. Connect wiring to the fan and insert into the stove through the side of the unit.
2. Insert both screws into the fan access panel to attach the fan to the unit (Figure 36).
3. Replace side cladding panel.

Firebox Panel Removal / Installation

Note: The burner tray needs to be removed before installation or removal of panels - See ("Burner Tray Installation / Removal" on page 27)

Removal

After removing the burner tray, remove the air restrictor plate (Figure 39) from the ceiling of the firebox. This plate keeps the side and upper back panels in place.

1. Allow the top portion of one side panel to move away from the firebox wall (Figure 38). When you have enough room, remove the panel from the stove. Repeat step 2 to remove the second side panel.

Note: With both side panels removed, there is nothing holding the upper back panel in place and so you must be ready to support and remove it at the same time as the side panel.

2. Remove the upper back panel by allowing it to tilt forward. Remove (Figure 40).
3. Remove the lower back panel by lifting it off of the pilot ledge and pull it out of stove (Figure 41).

Installation

1. Insert lower back panel so that it is sitting on the ledge at the back of the firebox (Figure 41).
2. Insert upper back panel so that it is sitting on top of the lower back panel as shown in (Figure 40). The panel must be supported until one of the side panels is mounted in place.
3. Insert first side panel by tilting the panel into the firebox chamber. Then, slide the panel until it reaches the firebox side wall.
4. Repeat step 3 for the second side panel.
5. Reinstall the air restrictor plate
6. Reinstall burner kit.

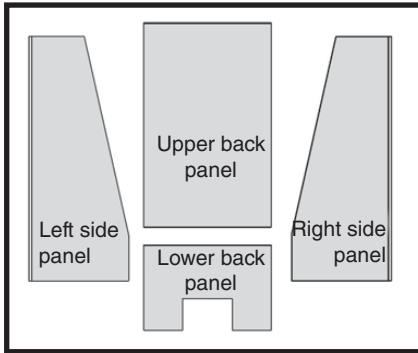


Figure 37: Interior panel set.

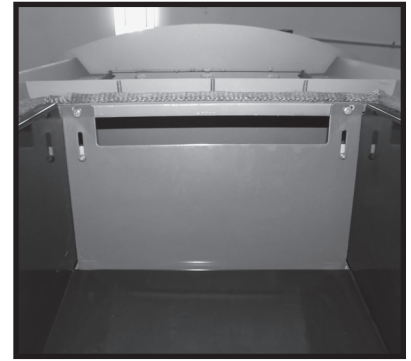


Figure 39: Mirage 30 air restrictor plate.



Figure 38: Right side panel.



Figure 40: Upper back panel.

Note: There are two tabs in the bottom of the upper back panel that fit into two slots on the top of the lower back panel.

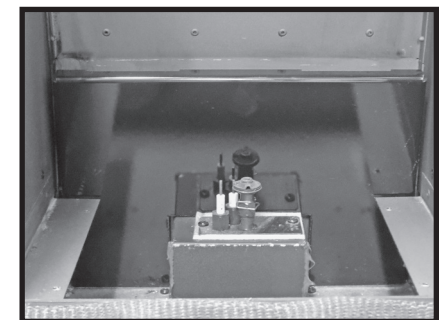


Figure 41: Lower back panel.

Burner Kit Installation/Removal

Burner Tray Installation / Removal

Installation

Interior panels must be installed before burner tray can be installed. The orifice must be removed prior to burner tray insertion (Figure 44). Remove 2 - 3/8" nuts and extract the orifice from the firebox.

Insert the burner tray (Figure 42) and insert 4 Robertson screws to fix it in place. Reinstall the orifice and two 3/8" nuts. Evenly spread a thin layer of crushed glass across the entire burner pan (Figure 45).

Note: It is not necessary to use the entire bag of crushed glass. Use enough to cover the burner tray with a single layer. Any more can interfere with proper flame distribution.

Removal

Begin by removing the exterior side panel on your right hand side as you face the Mirage 30 (Figure 54 on page 29).

Remove the orifice from the side wall of the Mirage 30 (Figure 44).

Remove the glass media (Figure 45), then remove the 4 screws (Figure 43) with a screwdriver, and remove the burner tray (Figure 42).

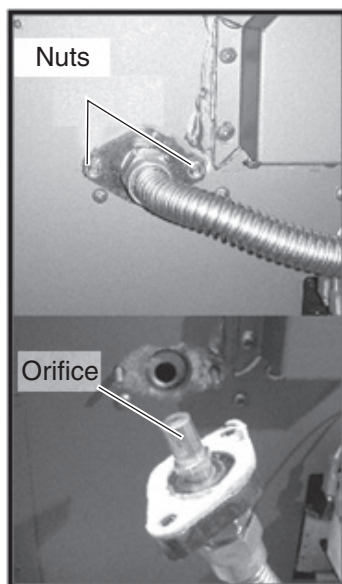


Figure 44: Orifice extraction.



Figure 42: Burner basket.

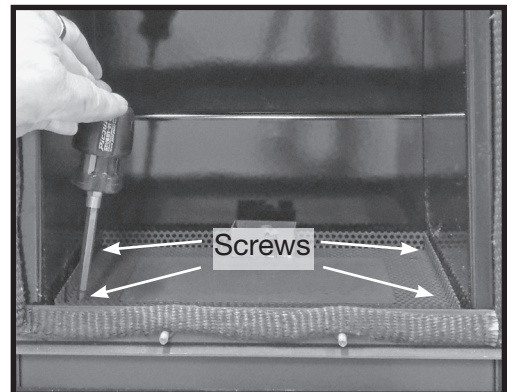


Figure 43: Unfastening the burner tray.

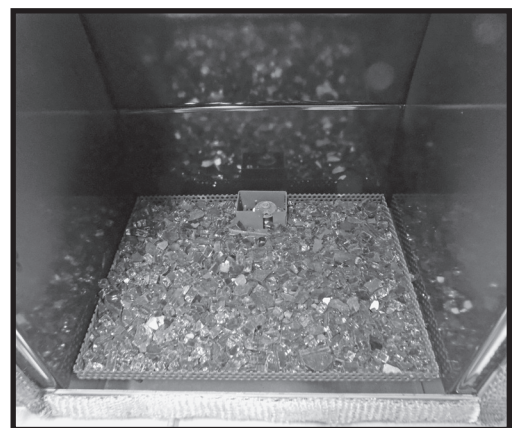


Figure 45: Glass media in burner tray.

Optional Media

The Driftwood log-set with pebbles requires that any crushed glass media be removed if it is present. The pebbles are spread out around the perimeter of the burner basket after which the glowing embers are evenly spread out inside of the burner basket - (Figure 48). The stove is delivered with two media dividers - a large one for the Mirage 30 model (Figure 46), and a smaller one for the Mirage 18 model. The divider will be placed into the center of the burner basket (Figure 47) and is used to separate the pebbles and glowing embers.

Log Placement

1. Position rear log #1 at the back of the firebox (Figure 48).
2. Interlock right log #2 with rear log (Figure 49).
3. Lean left log #3 against log set (Figure 50).
4. Interlock front log #4 with left log to complete log set structure (Figure 51).

Note: Do Not Block Pilot With Logs

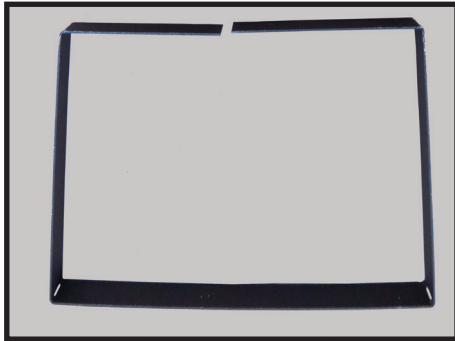


Figure 46: Media divider.

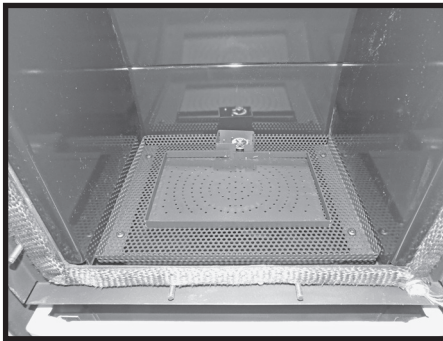


Figure 47: Media divider in place.

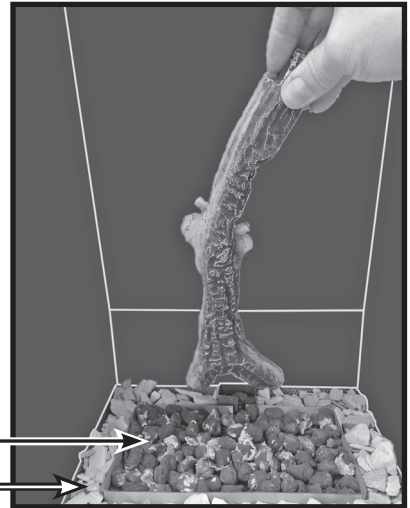


Figure 48: Log 1.

Note: Keep gap in media divider (Figure 46) faced to the rear of the burner basket, next to the pilot assembly.

Note: It is not necessary to use the entire contents of the Embers bag and the Rocks bag. Use enough to cover the burner tray with a single layer. Any more can interfere with proper flame distribution.

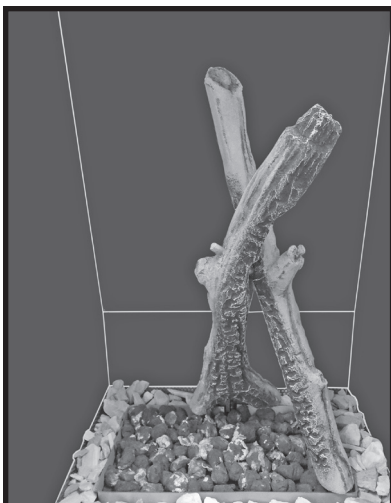


Figure 49: Log 2.

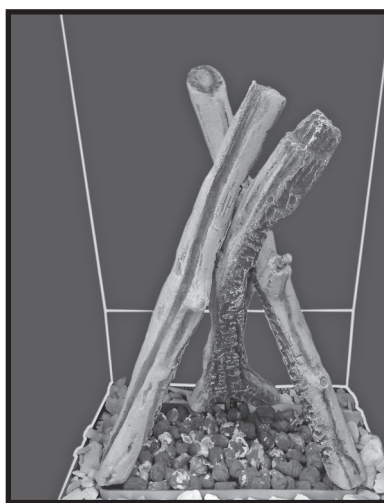


Figure 50: Log 3.



Figure 51: Log 4.

Cladding Removal/Installation



Figure 54: Mirage 30 front and side panels.



Figure 55: Removing mesh screen cover.

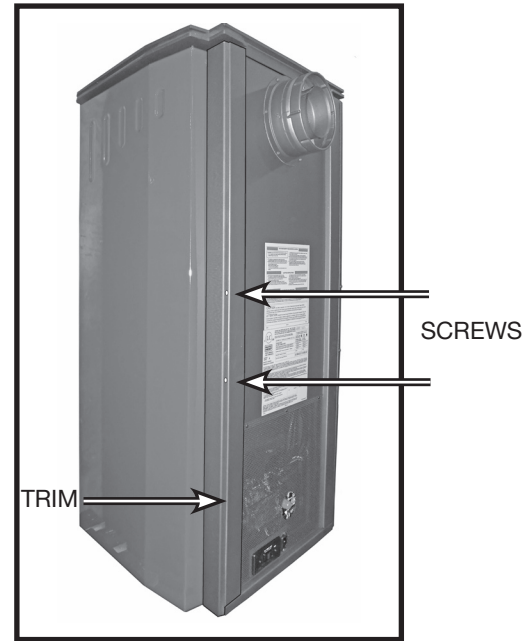


Figure 56: Side panel trim.

Removal

The Mirage 30 cladding consists of four panels; the right and left (as seen from the viewer perspective), and an upper and lower panel inset with grills. To remove the panels for service reasons or in order to change to a different set of panels, begin by removing the mesh screen panel (Figure 55) so as not to accidentally damage the mesh screen. The mesh screen panel easily lifts off of four posts - two on either side of the glass door. Remove the side panels first by removing the two screw that secure the side panel trim (Figure 56). Then remove the two bolts that secure the side panel in place (Figure 52) and push the panel towards the front of the stove. This will free the panels from the front positioning posts/screws (Figure 57) & (Figure 58).

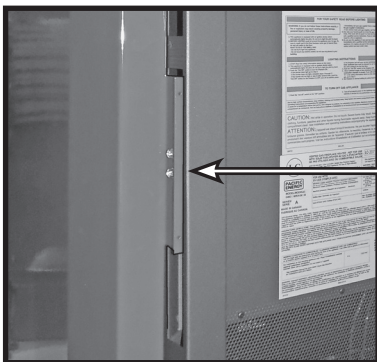


Figure 52:
Removing rear side
of panel.



Figure 53:
Right and left
side panels.

Top positioning
screw/post for right
hand panel.

Right hand securing
screw for upper front
panel

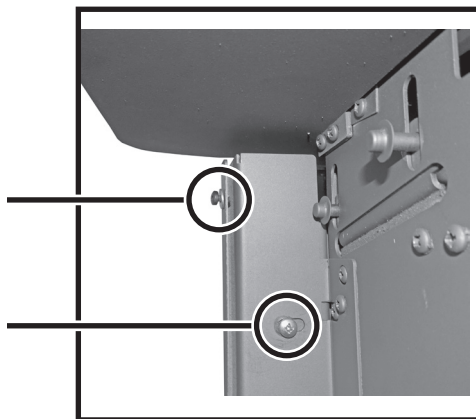


Figure 57: Upper attach points for side and upper panels.

Right hand securing
screw for lower front
panel

Bottom positioning
screw/post for right
hand panel.

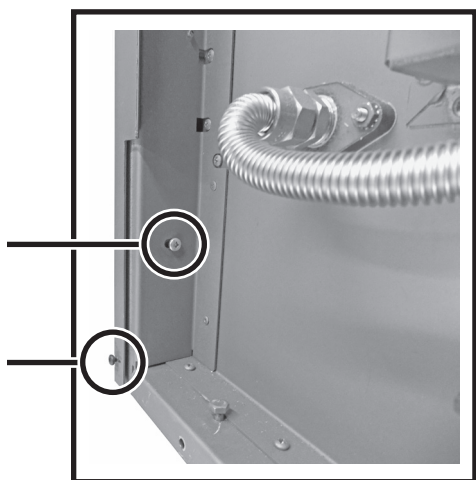


Figure 58:
Lower attach points for
side and lower panels.

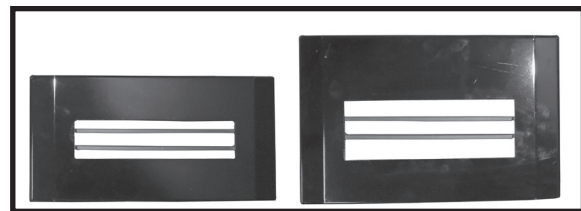


Figure 59: Mirage 30 upper and
lower front panels.



Figure 60: Lower front
panel and grill.

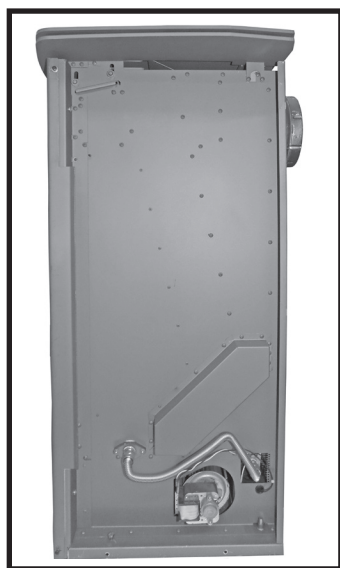


Figure 61: Mirage 30 with right
side panel removed.

To remove the upper and lower panels - with the side panels off, remove the two screws on either side of each of the two panels (Figure 57) & (Figure 58). Be careful to support the upper and lower panels as they are being removed because each panel has a grill inset within it (Figure 60). These grills are not fastened to the panels and so may fall during removal.

Installation

Installation of the panels is the reverse of removal. Take note that the upper panel is shorter than the lower panel (Figure 59). Also note that the grills of each panel are not pre-attached and therefore are a little more difficult to align while mounting.

Air Adjustment

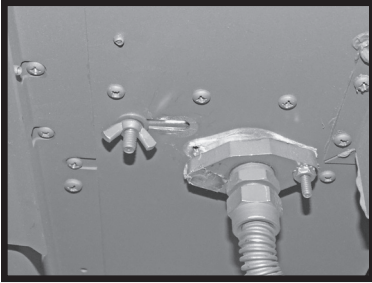


Figure 62: Venturi fully open.

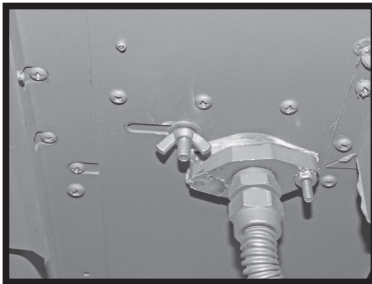


Figure 63: Venturi fully closed.

Venturi adjustment

The venturi comes from the factory set to the closed position for use with natural gas. It will need to be adjusted toward the open position for use with propane. To adjust the venturi, the right hand side panel must be removed; See (“Cladding Removal/Installation” on page 29). To the left of the gas supply hose is a wing nut which can be move to the left or right (Figure 62) & (Figure 63). Loosening and moving the wing-nut to the left opens the venturi and loosening and moving the wing-nut to the right closes the venturi. The setting will depend on several variables such as which type of gas is being used, the volume of air being supplied, the length of intake and exhaust ventilation etc.

Air restrictor adjustment

The Air restrictor is a vent located on the ceiling of the firebox. It controls the air flowing to the exhaust. The stove comes from the factory with the vent set in the open position (Figure 64). If the flame is “hectic” or is “jumping,” restrict the air outflow by partially closing the vent (Figure 65). This will assist in the flame settling down to give a more “easy” or “lazy” appearance. Use adjustment screws to set the vent to the desired position.

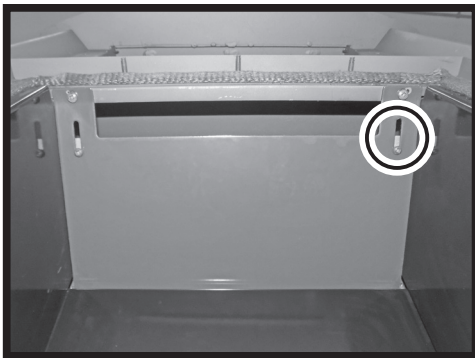


Figure 64: Mirage 30 Air restrictor fully opened.

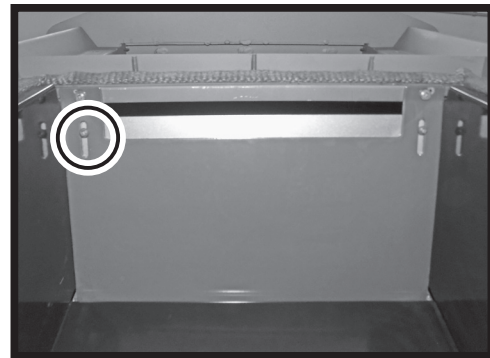


Figure 65: Mirage 30 Air restrictor partially closed.

NOTE:

Venturi comes from the factory in the CLOSED position for use with Natural Gas.

Air restrictor comes from the factory in the OPEN position.

Replacement Parts

Description	Order Number
1. Replacement Remote Control.....	GASC.CNTRLA
2. Replacement Control Module	GASC.MODA
3. Replacement Pilot Assembly	GASC.PILOTA
4. Replacement Gas Valve	GASC.VALVEA
5. Replacement Complete Gas Tray	GMIR.3801
6. Replacement Door Screen	GMIR.5002963-A
7. Replacement Blower Kit	PZPE.7502-A
8. Replacement Window Assy	PZPE.7503-A
9. Louver Assy	PZPE.7504
10. Replacement Door Assy	PZPE.RP7505-B
11. Replacement Burner.....	PZPE.RP7506

Aesthetic Components

Exterior Porcelain Panels

Black Panels.....	7515.PBKSET-A
Ivory Panels.....	7515.PIYSET-A
Red Panels	7515.PRDSET-A
Titanium Panels	7515.PTISSET-A

Optional Components

Driftwood Log set with pebbles.....	PZPE.DWLOGA
Black Glass	GASC.15GLBK
Copper Glass.....	GASC.15GLCU
Clear Glass.....	GASC.15GLTW
Blue Glass	GASC.15GLPA
Propane Conversion Kit	GASC.LP30KIT

Optional Venting Component

Co-axial to co-linear Adapter	5096.817
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Wiring Diagram

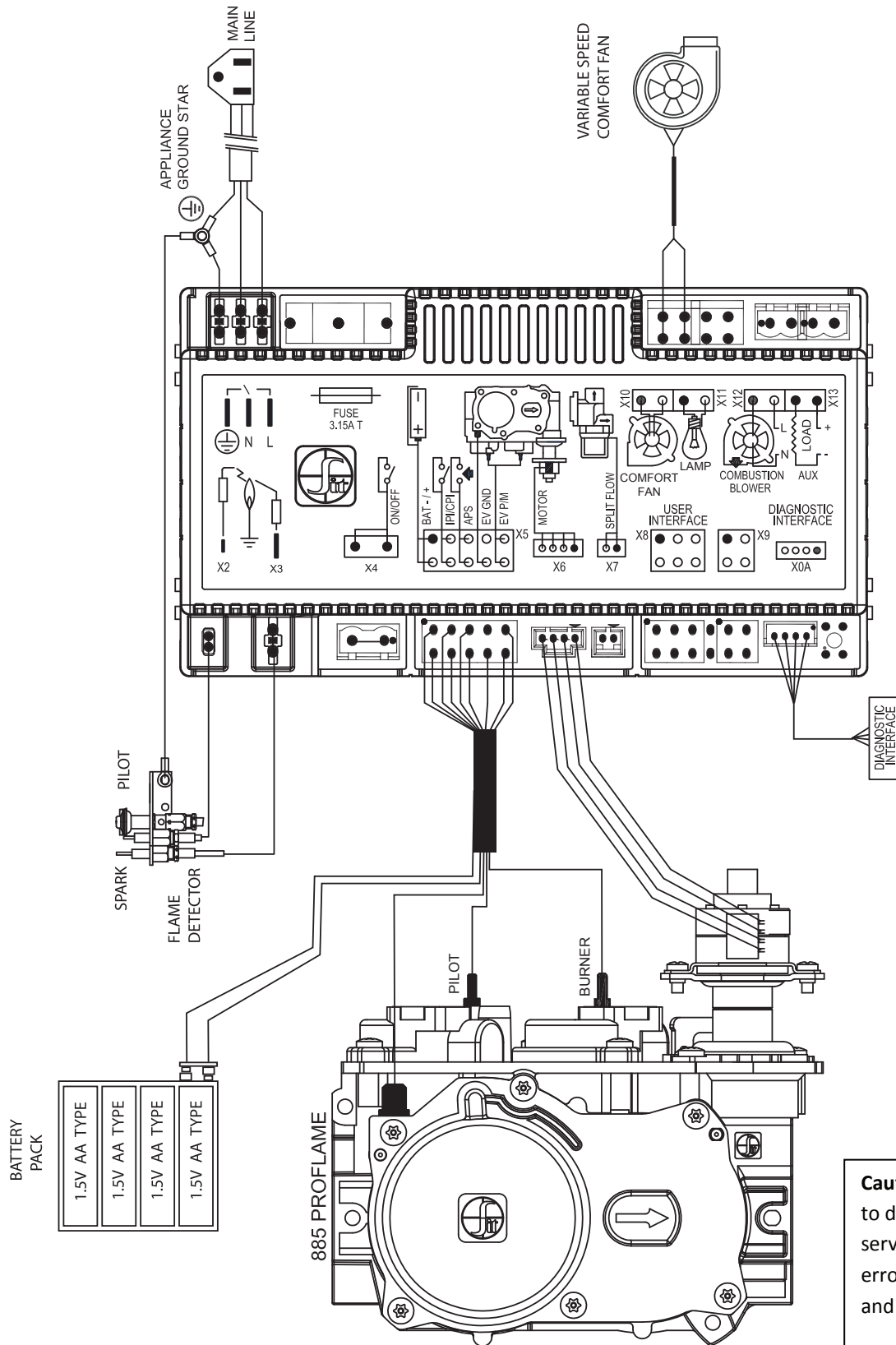


Figure 66: Electrical diagram for Mirage 18.

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

Verify proper operation after servicing.

Rating Label



MODEL/ MODELE:
G963/MIRAGE 30

SERIES/
SERIE: **A**

MADE IN CANADA
FABRIQUE AU CANADA

**VENTED GAS FIREPLACE HEATER - NOT FOR USE
WITH SOLID FUEL//FOYER AU GAZ À ÉVACUATION -
NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE**

ANSI Z21.88-2014 / CSA 2.33-2014 Vented Gas Fireplace Heaters
CAN/CGA 2.17-M91 Gas-Fired Appliance For Use At High Altitudes.

Certified for / Certifié pour Canada and U.S.A.

LC- 207

This Appliance is Equipped For Use With /
Cet Appareil est Équipé Pour Utiliser Avec :

NATURAL GAS GAZ NATUREL	LP-GAS LP GAZ
NATURAL GAS/ DU GAZ NATUREL	LP GAS/ DU GAZ LP
Minimum supply pressure / Pression minimum d'alimentation: (For the purpose of input adjustment / dans le but de régler l'alimentation) Maximum supply pressure / Pression maximum d'alimentation:	12.5 in/wc / 12.5 po/c.e. (3.11 kPa) 13.9 in/wc / 13.9 po/c.e. (3.45 kPa)
Manifold pressure / Pression de la tuyauterie: Maximum	10.0 in/wc / 11.0 po/c.e. (2.74 kPa)
Orifice Size / Diametre de l'injecteur:	1.52mm
Input BTU/hr (kW) / Entree BTU/h (kW):	Max.:30,000Btu (8.8kw) Min.: 20,000Btu (5.9kw)

Unit electrical rating: 115v, 60hz, 0.52A / Normes electriques du unité: 115v, 60hz, 0.52 A
This appliance equipped for altitudes 0 - 4500 ft. (0 - 1372 m) / Cet unité est conçu pour des altitudes variant entre 0 - 4500 pieds (0 - 1372 m). In Canada, also certified for installation in a bedroom or a bedsitting room / Aussi certifié pour installation dans une chambre à coucher ou une salle de séjour. This appliance must be installed in accordance with local codes, if any; if none, follow the current CAN/CGA-B149 (Canada), or ANSI Z223.1 (USA) Installation Codes. Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation CAN/CGA-B149 (Canada), or ANSI Z223.1 (USA) en vigueur.

MANUFACTURED (MOBILE) HOME: This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owners manual for details.
FABRIQUEZ (MOBILE) MAISON: Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique et peut être installé dans une maison préfabriquée (mobile) installée à demeure si les règlements locaux le permettent. Voir la notice du propriétaire pour plus de détails. Cet appareil ne peut être converti à d'autres gaz sauf si une trousse de conversion certifiée est utilisée.
Install in accordance with the current standard Mobile Homes, CAN/CSA Z240 MH (in CANADA), and the Manufacturer's Home Construction and Safety Standard, Title 24 CFR, Part 3280, or the current Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, (in the U.S.A.). Cet appareil doit être installé conformément aux exigences de la norme CAN/CSA Z240 MH en vigueur de l'ACNOR, Installations de gaz dans les Constructions Mobiles.
FOR USE WITH GLASS DOORS CERTIFIED WITH THE APPLIANCE ONLY / POUR UTILISATION UNIQUEMENT AVEC LES PORTES IN VERRE CERTIFIÉES AVEC L'APPAREIL

MINIMUM CLEARANCES TO COMBUSTIBLES / CLAIRANCES MINIMALES AVEC LES COMBUSTIBLE
Left and Right side are determined when facing the front of the appliance. / Les côtés droit et gauche se déterminent en se mettant devant l'appareil et en lui faisant face.

For installation as free standing appliance only / Pour l'installation comme appareil autonome seulement Sidewall / Back wall to Appliance / Du mur latéral a l'appareil	4 in. (102 mm)
*See Installation Manual for more detail / Voyez des Directive de l'Installation pour plus détails.	

PACIFIC ENERGY
2975 ALLENBY ROAD
DUNCAN, BC
CANADA
V9L 6V8

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.
AVERTISSEMENT: Une installation, un réglage, une modification, une réparation ou un entretien mal effectué peut causer des dommages matériels ou des blessures. Voir la notice de l'utilisateur qui accompagne l'appareil. Pour de l'aide ou des renseignements supplémentaires, consultez un installateur, un technicien agréé ou le fournisseur de gaz.

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5050.815-B

PZPE.G963BODYA
MR30.BODY



5055.MR30-A

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