

INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.

PACIFIC ENERGY

TRENTON



WARNING:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Leave the building immediately.
 - 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 aftermarket permanently located, manufactured 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.

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



SERIAL #

MODEL: TRENTON

SERIES: A

**FREESTANDING GAS STOVE
INSTALLATION AND OPERATING
INSTRUCTIONS**



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Massachusetts 3

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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.

We endorse



**NATIONAL
FIREPLACE
INSTITUTE®**
A CERTIFICATION AGENCY

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

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 fuelled 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.

Congratulations on your purchase of a Pacific Energy Gas Stove.

Your Free-standing Gas stove has been professionally installed by:

Dealer name: _____

Phone Number: _____

If you discover any problems with your gas stove contact your dealer immediately to have the unit repaired.

Caution: Do not attempt to repair the gas stove because you may cause injury to yourself or other, and risk causing damage to the unit.

Before operating your gas stove carefully read this manual and pay close attention to all Safety Warnings. The manual contains important information on the unit's safe operation and maintenance.

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 Fireplaces™ Warranty and may prove hazardous.

This gas stove 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 ½ psig (3.5 kPa).

This gas stove 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 ½ psig (3.5 kPa).

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.

Safety

Due to high temperatures, this gas stove 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 gas stove. 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 the gas 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 gas stove.

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 gas stove 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 gas stove 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 gas stove must not be connected to a chimney flue serving a separate solid fuel burning gas stove.

First Fire

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

It is normal for gas stoves fabricated from 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.

Manufactured (Mobile) Homes

In some jurisdictions, the Trenton gas stove may be installed in Manufactured Homes after the “first sale”. Consult local codes for approval. The gas stove must be fastened in place.

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 USA).

Installation Requirements

The Trenton gas stove installation and venting must conform to the current CAN/CGA-B149 installation code (in Canada) or the current National Fuel Gas Code, ANSI Z223.1 (in the USA), and approved per local codes. Only qualified (licensed or trained) personnel should install this product.

In the state of Massachusetts, only a licensed Plumber and Gas Fitter may install this product.

Special Operator Note

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

Remote Control System

System Description

The Proflame Remote Control System consists of three elements:

1. Proflame Remote Transmitter.
2. Proflame Integrated Fireplace Control (IFC) module.
3. A wiring harness to connect the IFC to the gas valve and stepper motor.

Transmitter (Remote Control with LCD Display)

The Proflame Remote Transmitter uses a streamline design with a simple button layout and informative LCD display (Fig. 1). The remote transmitter is powered by 3 AAA type 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 (Fig. 1 & 2).

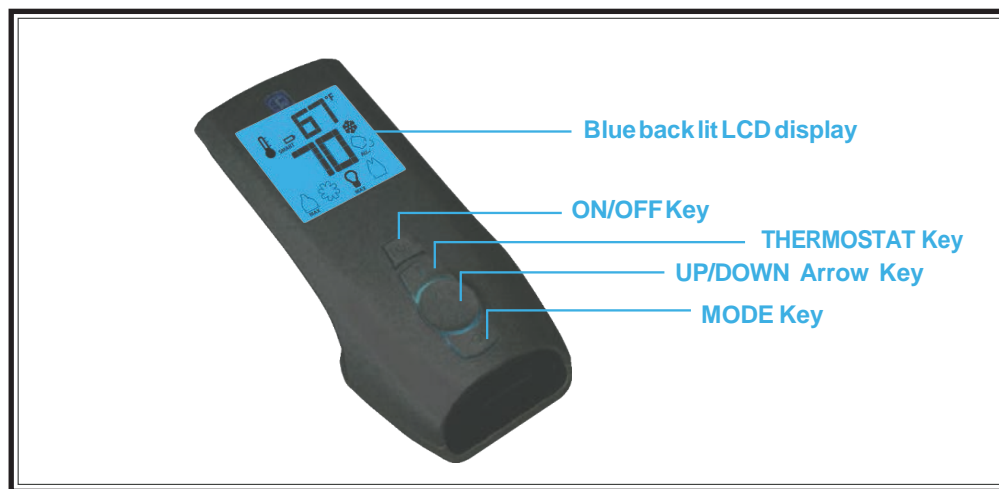


Fig. 1: Proflame Remote Transmitter

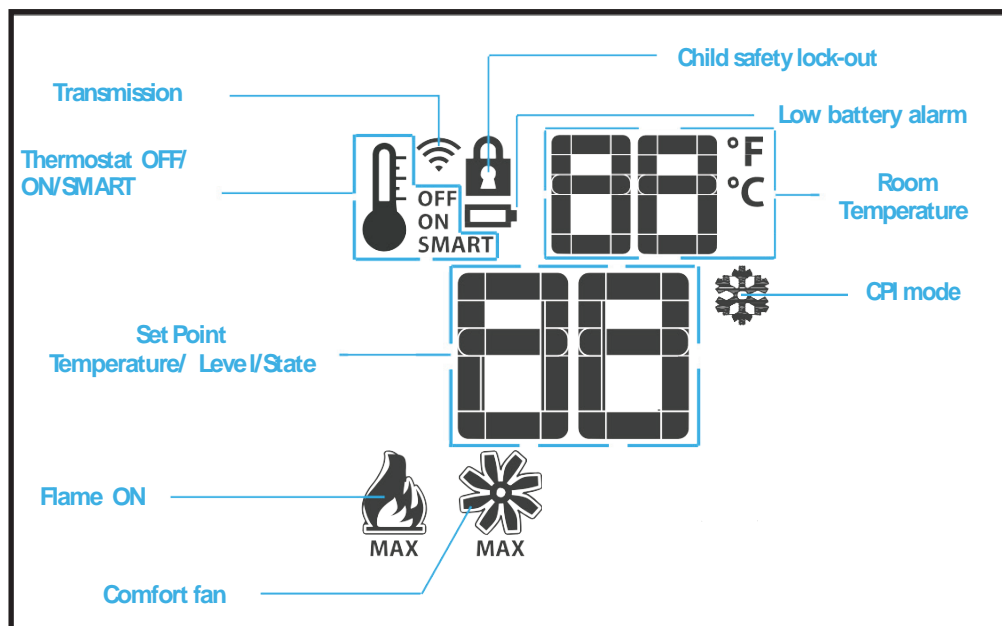


Fig. 2: Remote Transmitter LCD display

Owners Information

Temperature indication Display

With the remote transmitter in the "OFF" position, press the thermostat key and the mode key at the same time. Look at the LCD screen on the remote transmitter to verify that a C or F is visible to the right of the room temperature display. (Fig. 3 & Fig. 4)

Turn on the Gas Stove

With the system OFF, press the ON/OFF Key on the remote transmitter. The remote transmitter display will show some other active Icons on the screen. At the same time the Receiver will activate the gas stove. A single "beep" from the Receiver (module) will confirm reception of the command.

Turn off the Gas Stove

With the system ON, press the ON/OFF Key on the Remote transmitter. The Remote transmitter LCD display will only show the room temperature (Fig. 3 or 4). At the same time the Receiver (module) will turn off the gas stove. A single "beep" from the Receiver confirms reception of the command.

Manual Bypass of the Remote System

If the batteries of the receiver or remote transmitter are low or depleted, the gas stove can be turned off manually using ON/OFF switch located on battery box at the rear of the Trenton (Fig: 62). This will bypass the remote transmitter.

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. The lock icon will appear (Fig. 5). To de-activate this function, press the MODE and UP keys at the same time.

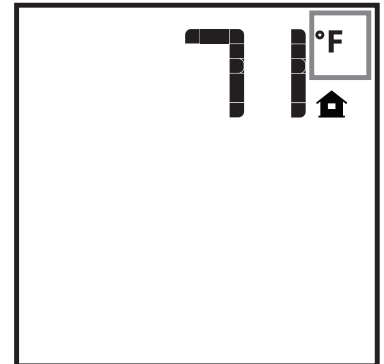


Fig. 3: Display in Fahrenheit

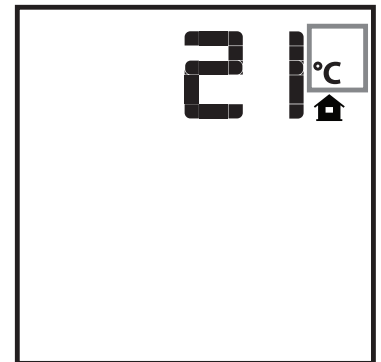


Fig. 4: Display in Celsius

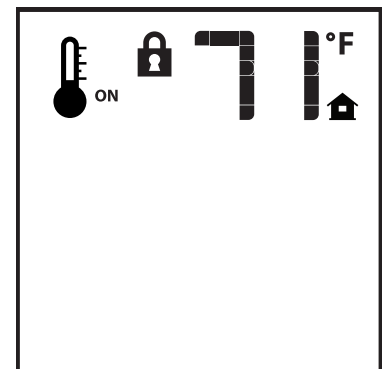


Fig. 5: Key lock activated

Remote Flame Control

The Proflame has six (6) flame levels. With the system turned on, and the flame level at maximum in the gas stove, 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 system is on but the flame is off, the flame will come on in the high position. (Fig. 9) A single “beep” will confirm reception of the command.



Fig. 6: Flame off

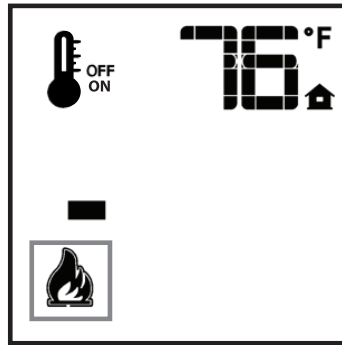


Fig. 7: Flame level 1

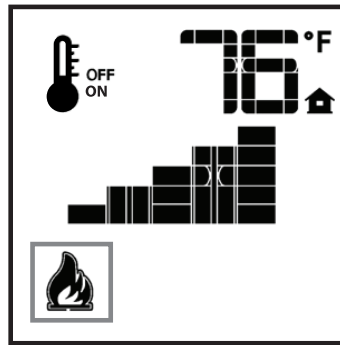


Fig. 8: Flame level 5

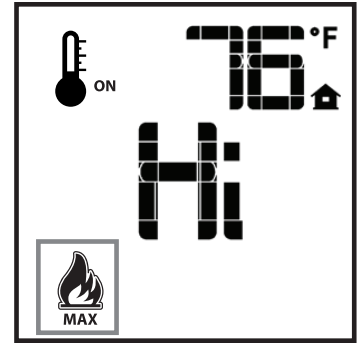


Fig. 9: Flame level maximum

ROOM THERMOSTAT (Remote Transmitter Operation)

The remote control 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 key (Fig. 1). The LCD display on the remote transmitter will change to show that the room thermostat is “ON” and the set temperature is now displayed (Fig. 10). To adjust the set point, press the up or down arrow keys until the desired set point temperature is displayed on the LCD screen of the remote transmitter.

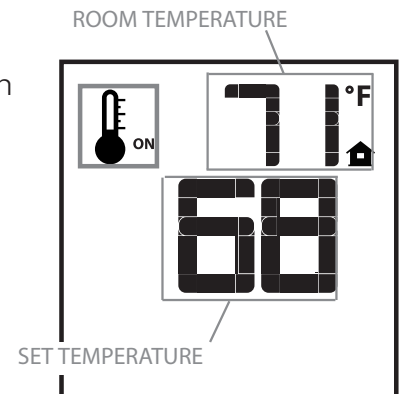


Fig.10

Smart Thermostat (Remote 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 key (Fig. 1) until the word “SMART” appears to the right of the temperature icon (Fig.11). To adjust the set point, press the up or down arrow keys until the desired set point temperature is displayed on the LCD screen of the remote transmitter (Fig. 11).

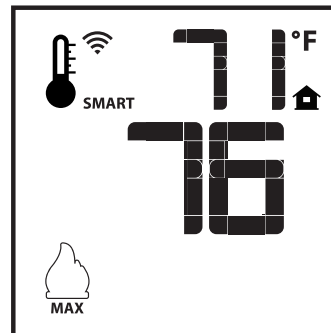


Fig. 11: Smart flame function

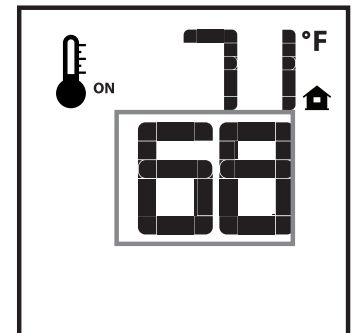


Fig.12

Owners Information

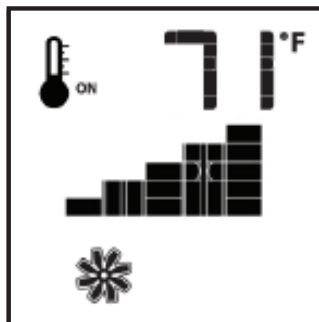
Comfort Fan Speed Control

If the gas stove is equipped with a hot air circulating fan, the speed of the fan can be controlled by the Proflame System. The fan speed can be adjusted through six (6) speeds. To activate this function use the Mode Key (Fig. 1) to index to the fan control icon (Fig. 13). Use the Up/Down Arrow Keys (Fig. 1) to turn on, off or adjust the fan speed (Fig. 14). A single “beep” will confirm reception of the command.

Fig. 13: Fan control



Fig. 14: Fan level HI



Continuous Pilot/Intermittent Pilot (CPI/IPI) selection

With the system in the “OFF” position, press the Mode Key (Fig. 1) to index to the CPI mode icon (Fig. 15). Pressing the Up Arrow Key will activate the Continuous Pilot Ignition mode (CPI). Pressing the Down Arrow Key will return to IPI (Fig. 16). A single “beep” will confirm the reception of the command.

Fig. 15: CPI/IPI selection

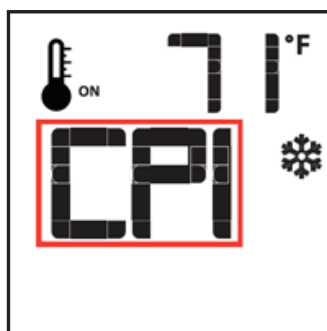


Fig. 16

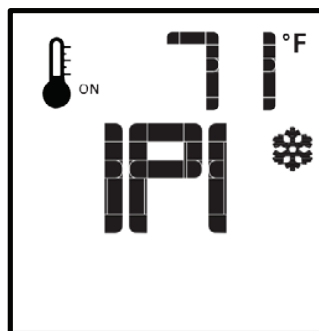


Fig. 17: Accent lighting

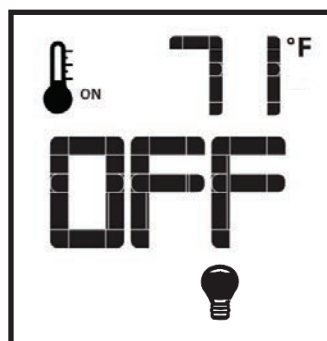
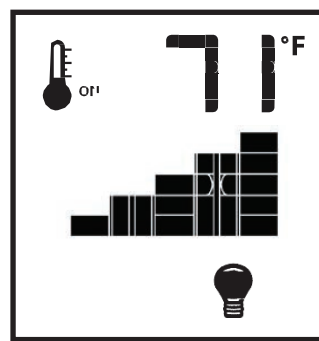


Fig. 18



Remote dimmer control (Light)

The light bulb function controls the exterior accent lighting. To activate this function use the Mode Key (fig. 1) to index to the light bulb icon (fig. 17). The intensity of the output can be adjusted through six (6) levels. Use the Up/Down Arrow Keys (Fig. 1) to adjust the output level (fig. 18). A single “beep” will confirm reception of the command.

Low Battery Power Detection

Remote Transmitter

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

When the remote batteries are low, an icon will appear on the LCD display of the remote (Fig. 19) before all battery power is lost. When the batteries are replaced this icon will disappear.

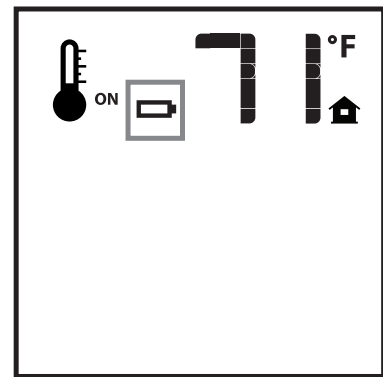


Fig. 19: Low battery power icon

IFC Module (Receiver)

The life span of the IFC module batteries depends on various factors: quality of the batteries used, the number of ignitions, 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 board. When the batteries are replaced, a single “beep” will be emitted from the IFC module when a key is pressed (See Initialization of the system for the first time on page 29).

Warnings and Cautions

WARNING

Fire Hazard. Can cause severe injury or death

The IFC Modules (receiver) causes ignition of the gas stove. The gas stove can turn on suddenly. Keep away from the gas stove burner when operating the remote system or activating manual bypass of the remote system.

WARNING

Shock Hazard. Can cause severe injury or death

This gas stove is powered by line voltage. Do not try to repair this device. In no way is the enclosure to be tampered with or opened. Disconnect from line voltage before performing any maintenance.

Maintenance

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

Glass Barrier:

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

Do not strike or otherwise impact the glass in any way that may cause it to break. If the glass becomes cracked or broken it must be replaced before using the gas stove. A replacement glass barrier can be obtained from your nearest Pacific Energy dealer. **Do not substitute with any other type.**

To replace broken glass barrier, refer to Glass Barrier removal on page 21 and replacement on page 25.

Annual Inspection:

- a) Remove glass barrier and decorative media (such as logs and embers). Inspect decorative media and burner assemblies for soot buildup. If excessive buildup of soot is present, have a qualified service person inspect and adjust unit for proper combustion. Clean burners with a brush or vacuum cleaner, paying close attention to burner ports.
- b) Check the pilot system for proper flame size and operation. Clean pilot 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 re-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 gas stove area must be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids.

Periodically:

- a) Viewing glass may be cleaned as necessary with fireplace 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.

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

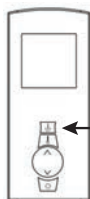
1. **STOP!** Read the safety information above on this label.
2. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
3. Push the "On/ Off" switch to turn the fireplace ON.
 - If the burner does light go to step 6.
 - If the burner 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.

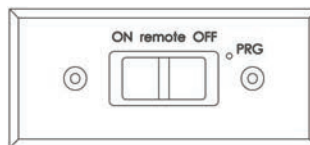
TO TURN OFF GAS APPLIANCE

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



On/off button

2. Turn off all electric power to the appliance and remove backup batteries if service is to be performed or for extended shutdown. Remove the face plate to gain access to the battery pack. Face plate is found on the back side of the fireplace / stove.



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.

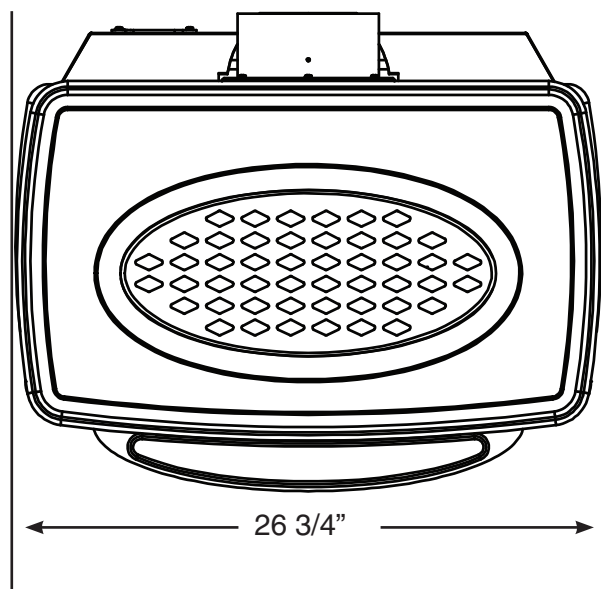
A cause de la temperature elevee des parois, tenir eloignes les enfants, les vetements et les meubles. Maintenir propres le bruleur et le compartiment de commande. Voir les instructions relatives a l'installation et au fonctionnement qui accompagnent l'appareil.

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 infl ammables 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.

Fig. 20: Lighting Instructions

Trenton Gas Stove Dimensions



Dimensions

Height	30 5/8 inches
Width	26 3/4 inches
Depth	21 15/16 inches
Height of Flue Outlet	24 inches

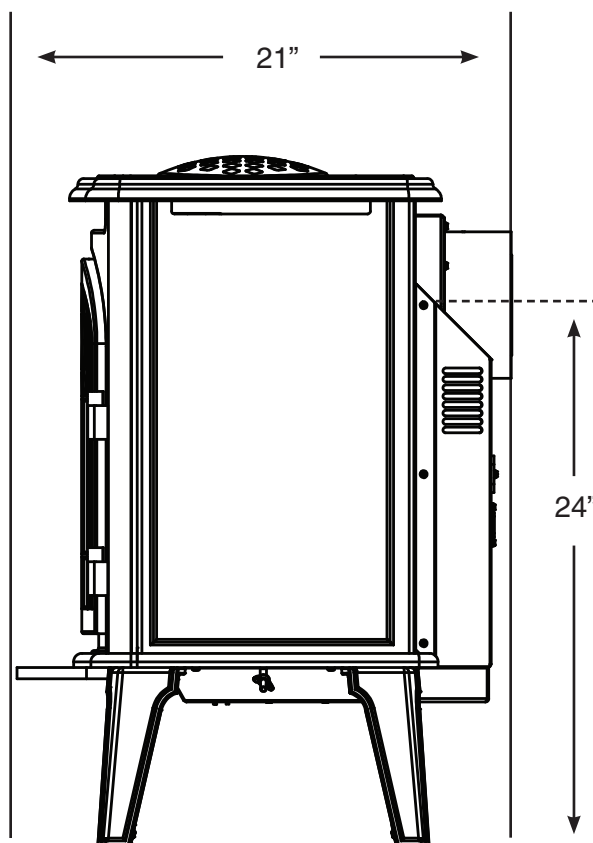
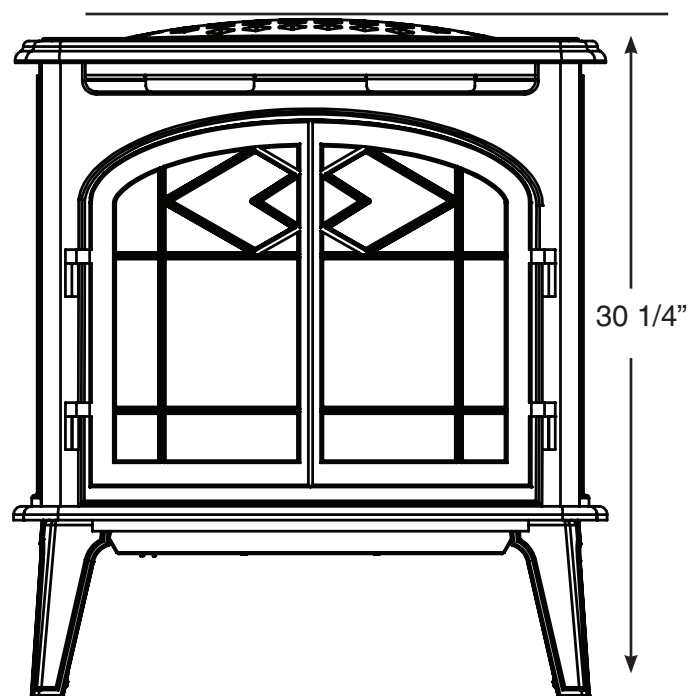


Fig. 21: Gas stove dimensions

Clearance to combustibles

Minimum Clearance to Combustible Materials

INTERIOR SIDE WALL	4"
INTERIOR BACK WALL	4"
INTERIOR CEILING	18"
IN FRONT OF GAS STOVE	36"
VENTING PIPE CLEARANCE	1"
DIAGONAL CORNER TO WALL	2"

Locating the Gas stove

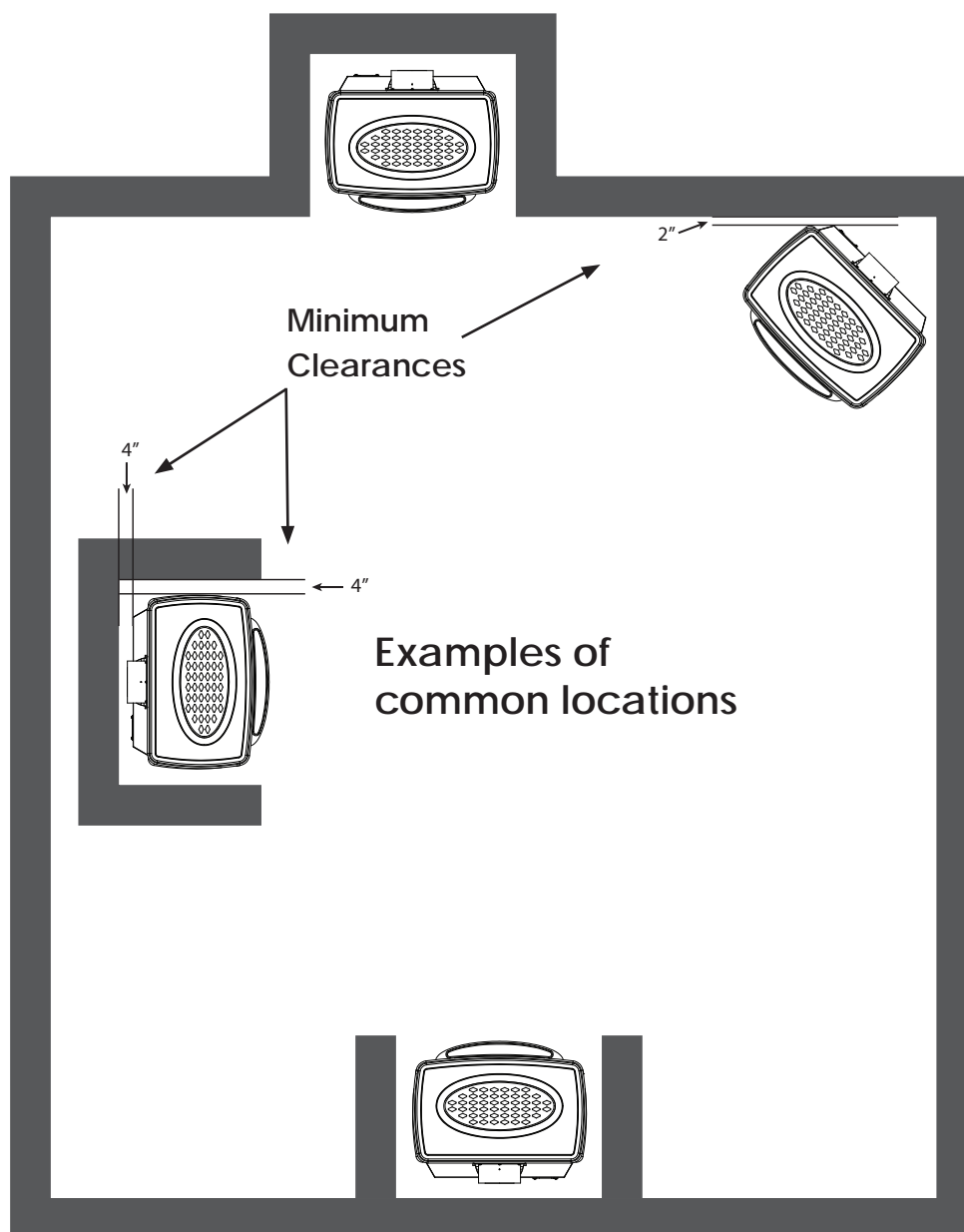


Fig. 22: Gas stove locations

Vent Terminal Clearance

Minimum clearances to the vent terminal must be maintained as shown in Fig. #23 & 23a. 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

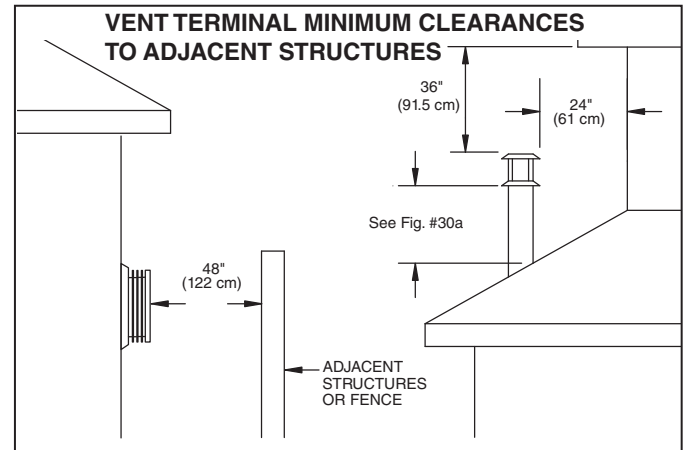
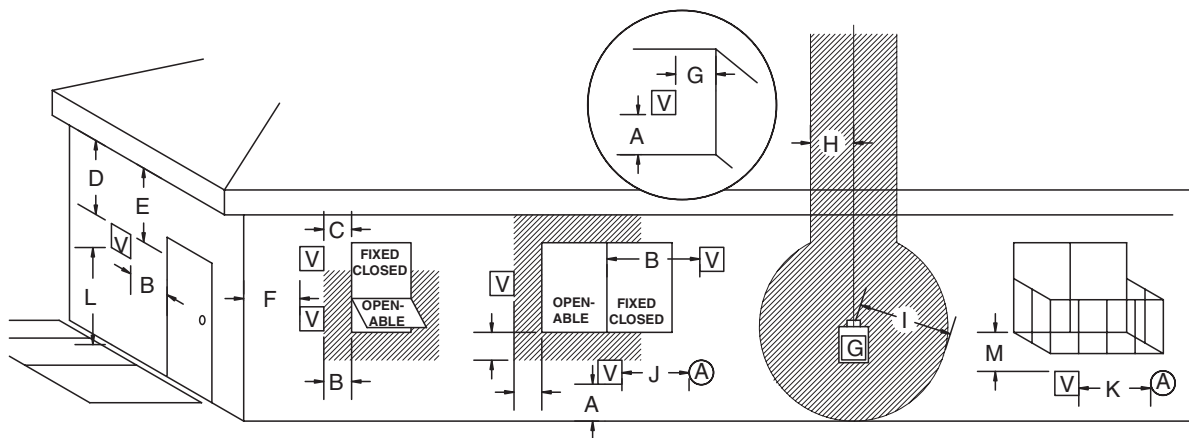


Fig. 23 - Minimum clearances

Vent Terminal Minimum Clearances



V VENT TERMINAL

A AIR SUPPLY INLET

AREA WHERE TERMINAL IS NOT PERMITTED

G GAS METER

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) from the edge of the terminal
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=	*6 feet (1.8 m) 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*

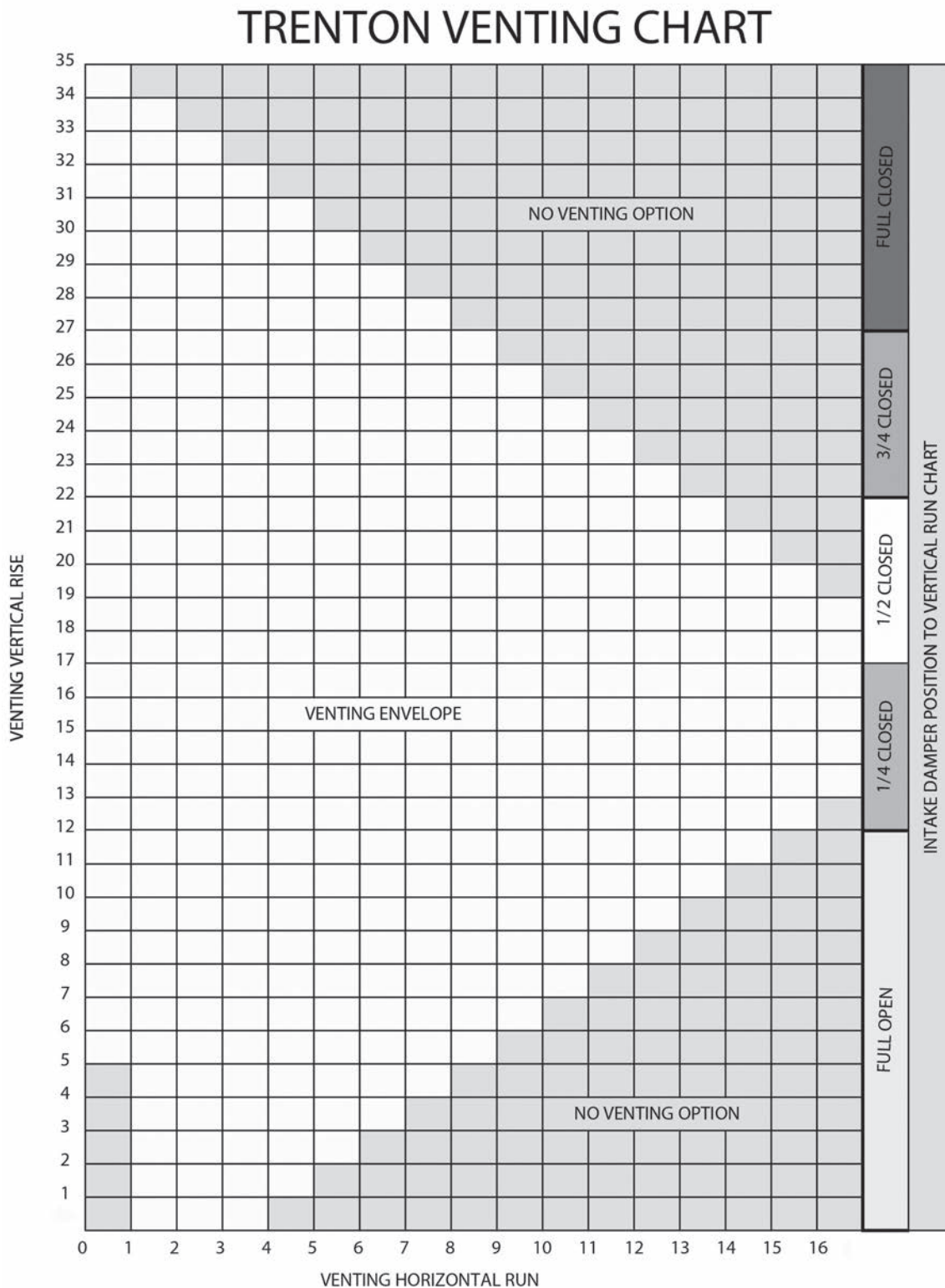
** only permitted if veranda, porch, deck, or balcony is fully open on a minimum of 2 sides beneath the floor*

* 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

Fig. 24 - Minimum clearances

Trenton Venting Chart



Note: The vent must not exceed a total length of 30 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.

Note: The intake damper positions specified in this chart were set in a controlled testing environment, and serve as a general guideline for installations. Every venting configuration is different, and the damper setting may need slight adjustment from this chart. (See page 30 for damper adjustment).

Fig. 25 - Trenton Venting Chart

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

Fig. 26: 4" x 6 5/8" Rigid Piping Cross Reference Chart

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

Fig. 27: 4" x 6 5/8" Rigid Pipe Components Cross Reference Chart

This gas stove is certified for use with 4" x 6⁵/₈" coaxial venting components only. It is permitted to only use certified venting for this gas stove. See charts on page 18 for a list of approved venting components.



Fig. 28: Venting components

Trenton Gas Stove Installation

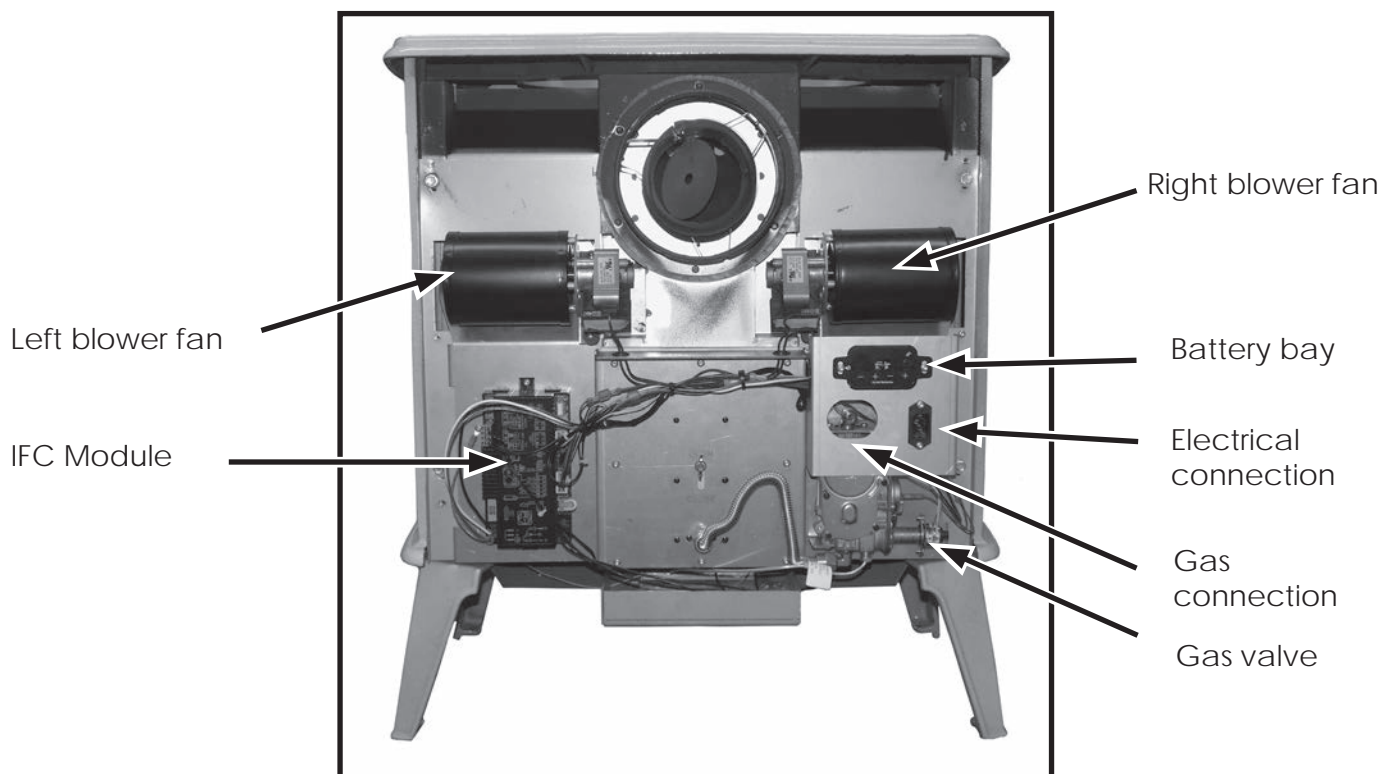


Fig. 29: Details of rear side of Trenton

Note: Do not plug the power cord in until installation has been completed.

Note: Do not turn on the gas supply until installation has been completed.

Gas connection

To make the required electrical and gas connections, start by positioning the gas stove. Connect the gas supply line (not included) to the $\frac{3}{8}$ " flare fitting at the rear of the unit as seen in Fig. 30. Please see the gas supply section (page xx) of the manual for requirement of the gas supply.

Electrical connection

An IEC power cord is provided for connection to a standard wall outlet.

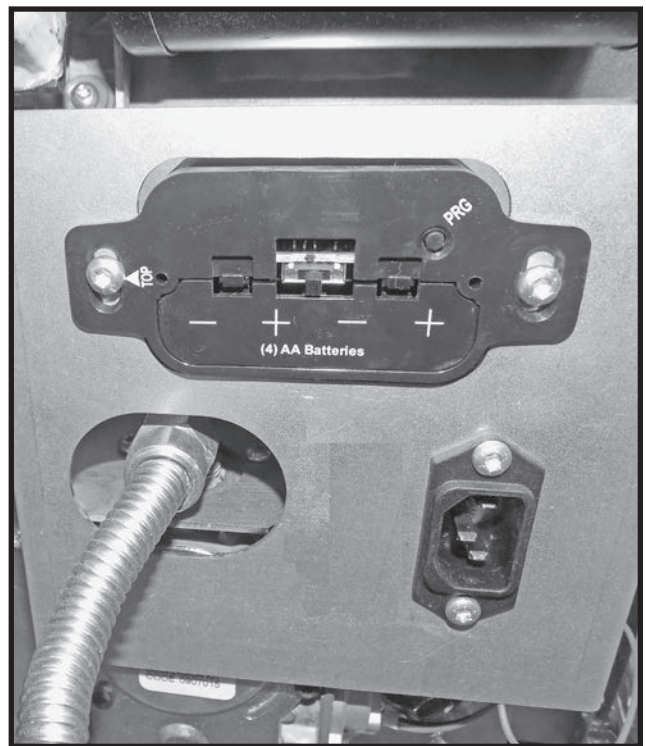


Fig. 30: Gas and Electrical connections

Packaging

The Trenton gas stove comes with the ceramic panels and gas burner already installed. The log set and glowing embers are packaged in protective styrofoam and secured in place by the glass barrier and screen. The glass barrier and screen must be removed before the log set and embers can be accessed.



Fig. 31 Trenton Gas Stove with packaging

Screen mesh removal

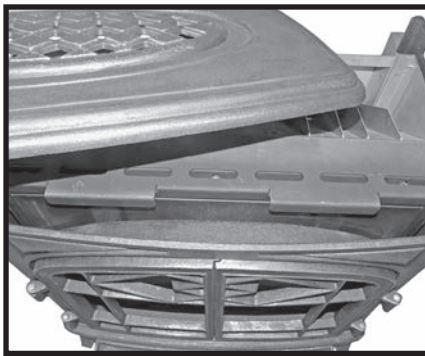


Fig. 32. Cover removal

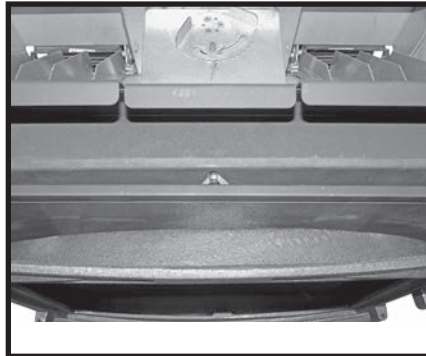


Fig. 33. Mesh cover

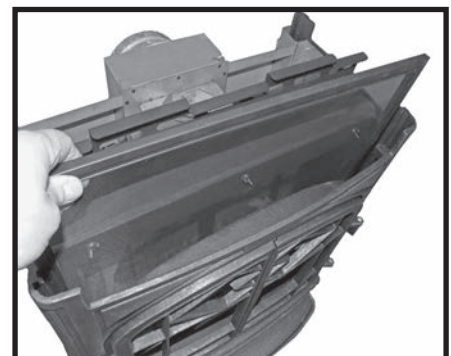


Fig. 34 Mesh removal

1. Remove the top cover as shown in Fig.32. Make sure that the latticed oval panel in the center of the top-cover does not slip off as it is not fastened to the larger cover.
2. Raise the mesh cover as shown in Fig 33. and lift the mesh screen out (Fig. 34).

Glass barrier removal

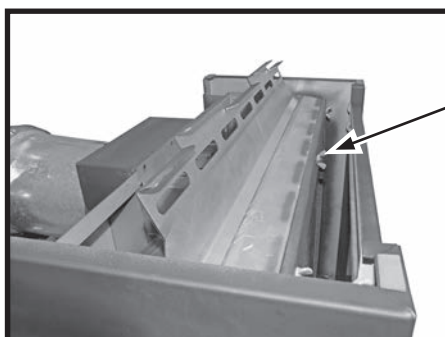


Fig. 35

Wing-nut posts

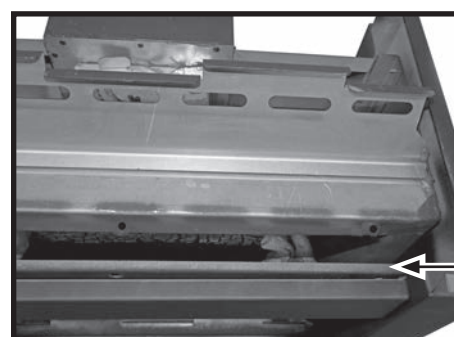


Fig. 36

Glass barrier retainer frame moved away from posts prior to lifting and removing.

Installer Information

1. Remove the mesh screen as described on page 21.
2. Remove the wing nut bolts (Fig.35) holding the glass barrier retainer frame to the gas stove frame and tilt the glass barrier so that it can be removed (Fig. 36)
3. Remove the glass barrier together with the retainer frame that it is affixed to.

Log set pieces

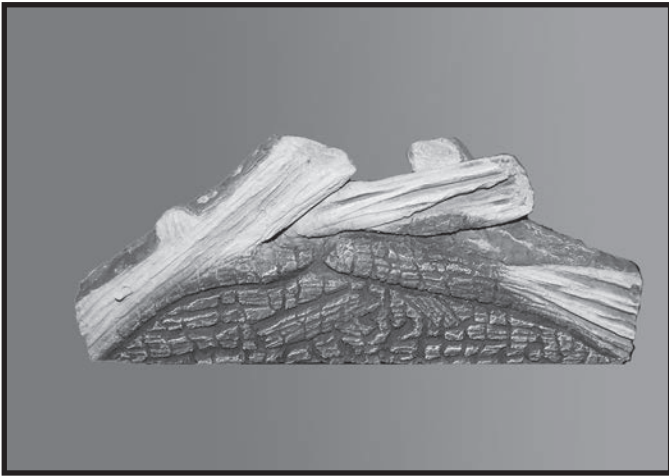


Fig. 37: Rear log



Fig. 38. Smaller log pieces

The large rear log (above) comes wrapped separately from the smaller logs (Fig 38). The logs will be assembled in a specific order along with the glowing embers, glass barrier and mesh screen.

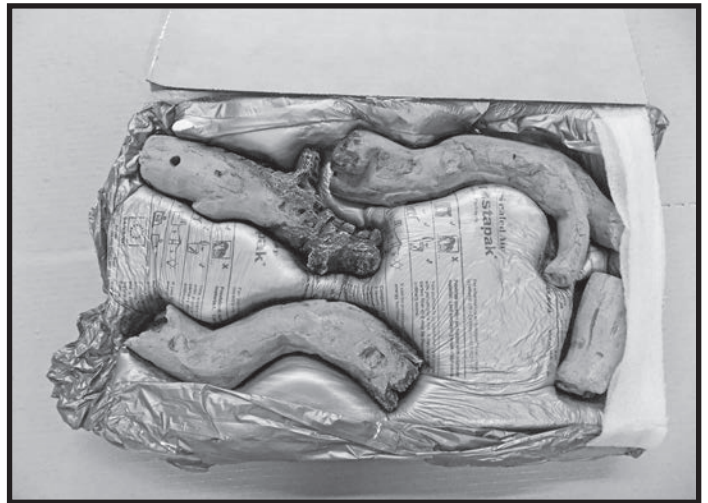


Fig. 39. Smaller log pieces in packaging

Installation of log set

1. Fill burner basket (Fig. 40) with embers so that the baskets are filled and overflowing the burners' front row (Fig. 41). Reserve a small amount of embers for final placement.
2. Place first log onto the ledge in the firebox taking care that the log is completely set against the rear wall of the firebox (Fig. 42).

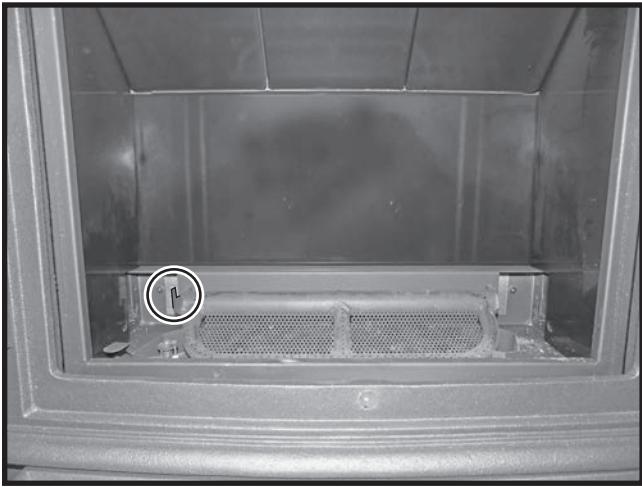


Fig. 40. Burner with basket for embers. Tab located on left side of burner for #3 log placement.

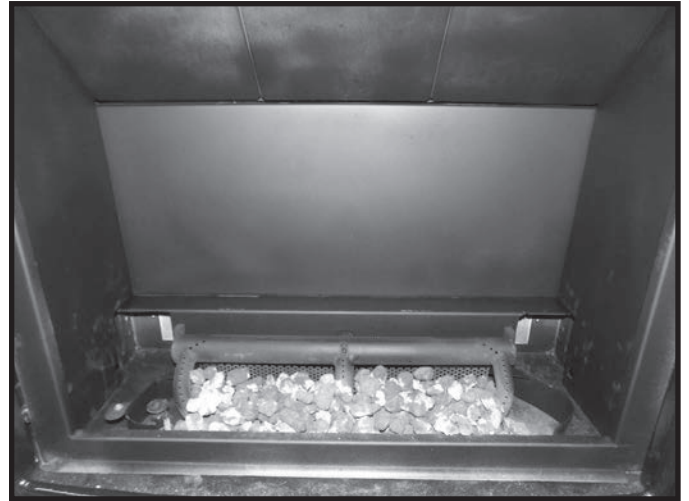


Fig. 41. Burner basket with embers



Fig. 42 First log set in place

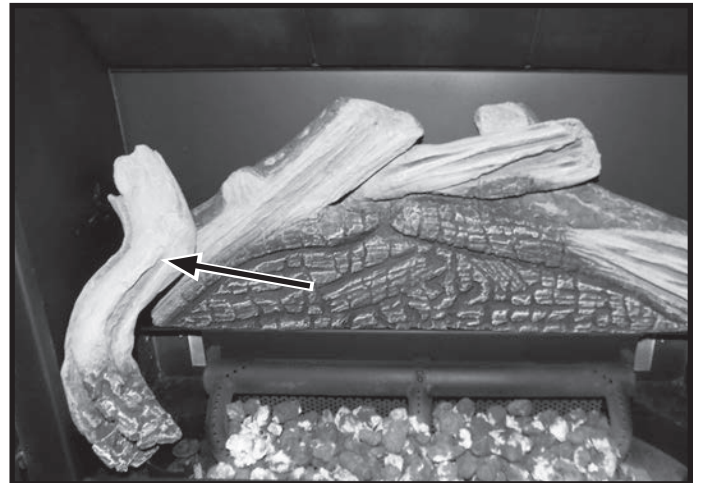


Fig. 43: 2nd log placement and location of hole

3. Fit the hole in the back of the 2nd log (Fig. 42) over the post located on the left hand side of the first log (indicated by arrow in Fig. 43). Once 2nd log is mounted to the first log, position the lower portion of 2nd log so that it is located close to the pilot without covering it, and as close to the front of the firebox without interfering with the glass barrier once installed.



Fig. 44: 3rd log placement

5. Place 4th log as shown in Fig. 45. The black charcoal side of the piece must face inwards. This log will act as a support for the final log.



Fig. 45: 4th log placement



Fig. 46: 5th log placement

4. Position 3rd log as shown in Fig. 44 making sure that the log does not cover the holes of the back row of the burner. 3rd log has a hole in its underside which will fit onto a protruding tab on the burner (Fig: 40)

6. Place 5th log as shown in Fig. 46 making sure that the log does not cover the holes of the back row of the burner.



Fig. 47: Back row of burner.

Fig. 47 shows the burners' back row as not being covered by the logs.

At this time, the small amount of embers reserved at the beginning of log placement can be used to fill any left over spaces.

NOTE: Although it is permissible to place a few embers between the back burner and the 3rd and 4th logs in order to hide the back burner, it must be noted that by doing this the airflow around the back burner will be impeded and a sooty flame may result.

Glass Barrier Installation



Fig. 48: Glass barrier. Front side

Glass barrier frame fits in the horizontal slot behind this tab

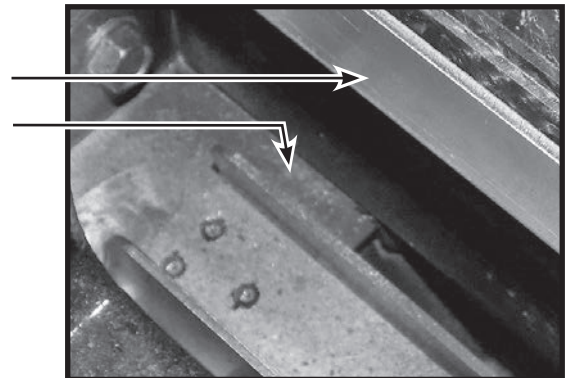


Fig. 49: Glass barrier positioning

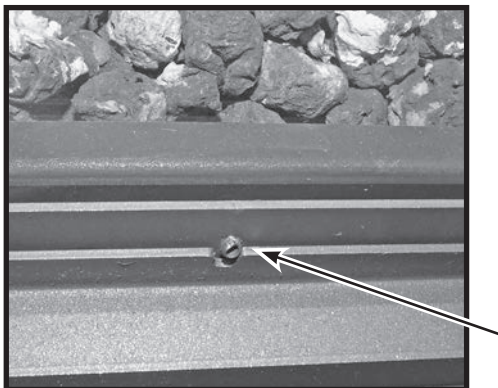


Fig. 50: Glass barrier positioning

1. Lower the glass barrier frame into place (Fig. 49) making sure that the frame fits into the horizontal slot on the floor of the firebox (Fig. 49).
2. Align the glass barrier frame laterally so that its protruding positioning stud (Fig. 50) fits into the slot in the firebox. This will line up the bolt slots of the glass barrier frame to the firebox frame.
3. Insert and tighten the bolts to secure the glass barrier frame to the firebox.

CAUTION: Over-tightening the wing nuts could result in the glass barrier fracturing.

Screen Mesh Installation

The screen mesh is positioned between the glass barrier and the doors. Its purpose is to provide protection from the heat radiating from the glass barrier. The screen has a front side and a rear side and must be oriented correctly for a proper fit.

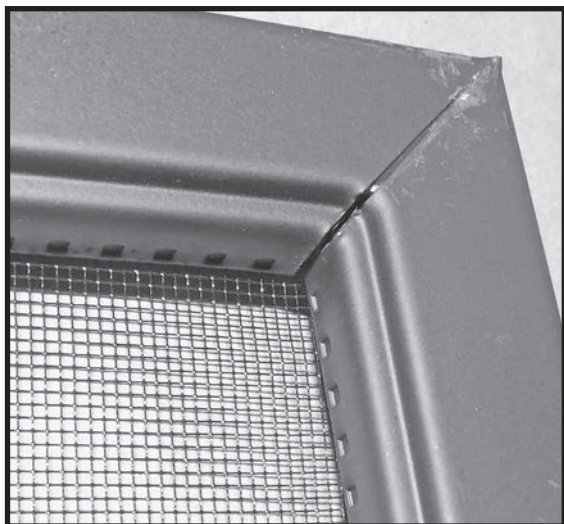


Fig. 51: Rear side of screen mesh

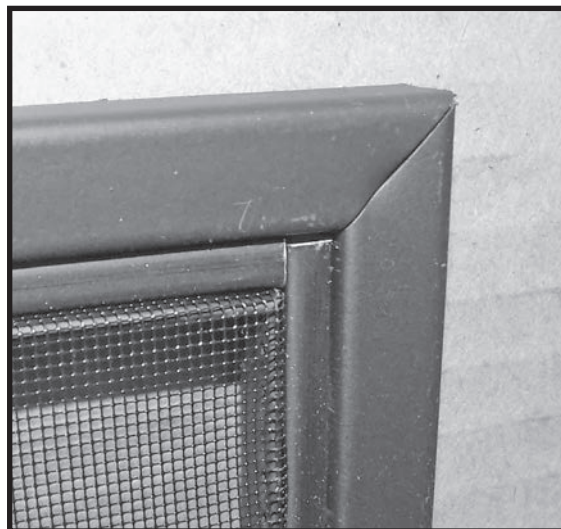


Fig. 52: Front side of screen mesh

Fig. 51 shows the rear side of the screen mesh. This side must be facing toward the log set once it is in place. Fig. 52 shows the front side of the screen mesh. This side must be facing the doors once it is in place.

The screen mesh frame is not square and so it is important that it be oriented the correct way before insertion. Fig.53 shows the screen mesh resting at a point where it is higher than the firebox frame and glass barrier frame immediately to its right.

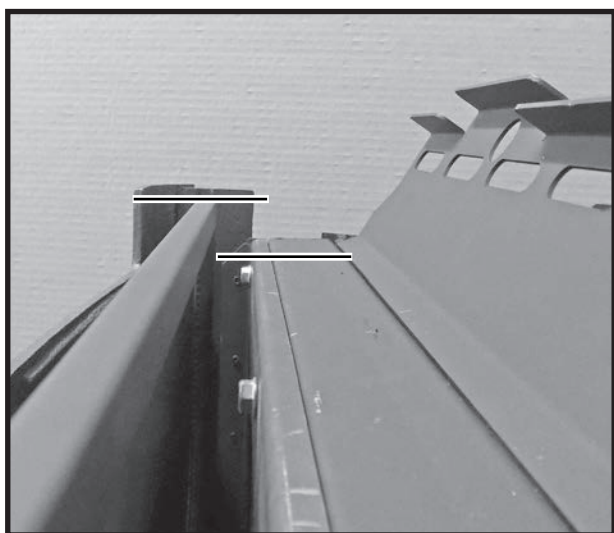


Fig. 53: Improper orientation of screen mesh.

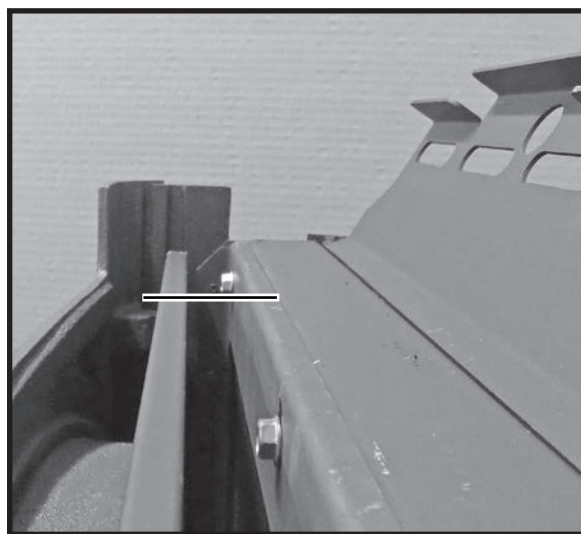


Fig. 54: proper orientation of screen mesh.

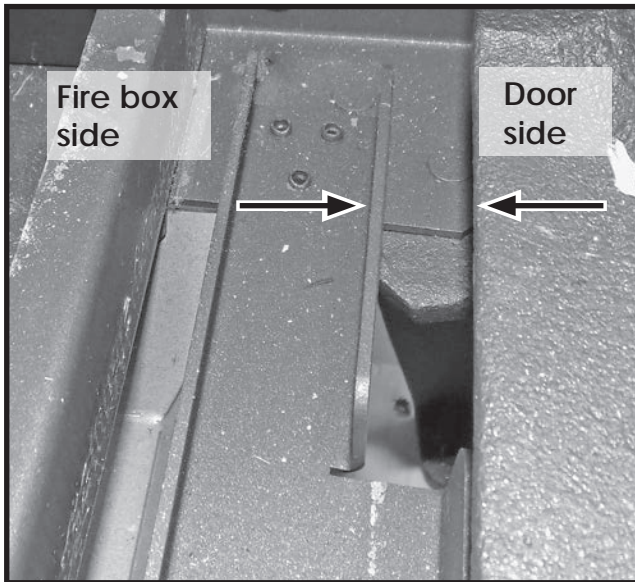


Fig. 55: Screen mesh location channel

The bottom edge of the screen mesh must fit firmly into the channel provided for it in the fire box frame. Fig. 55 shows the location of the screen mesh channel.

The screen mesh top holder (Fig. 56) positions the screen mesh so that there is the correct distance between the screen mesh and the glass barrier. The holder has channels which will secure the top of the screen mesh once the holder is lowered into position.

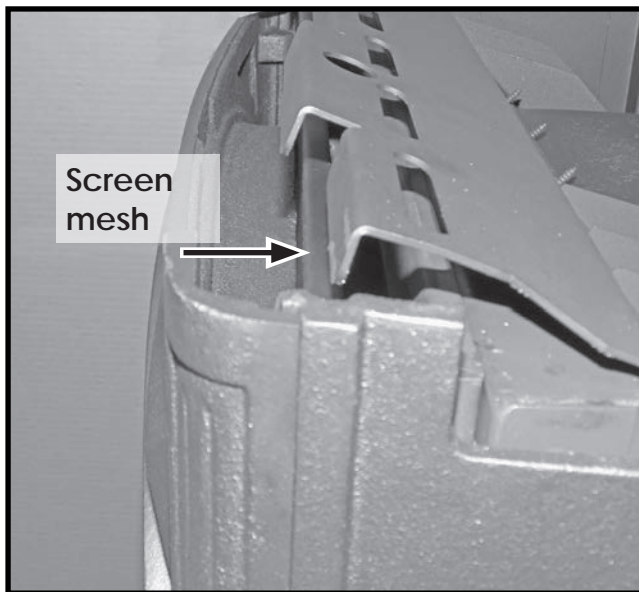


Fig. 56: Screen mesh holder

Fig. 57 shows the screen mesh holder in place with the holder's channels keeping the screen mesh in its proper position.

Note: it may be necessary to use a small amount of force to get the top of the screen mesh to fit into position of the screen mesh holder.

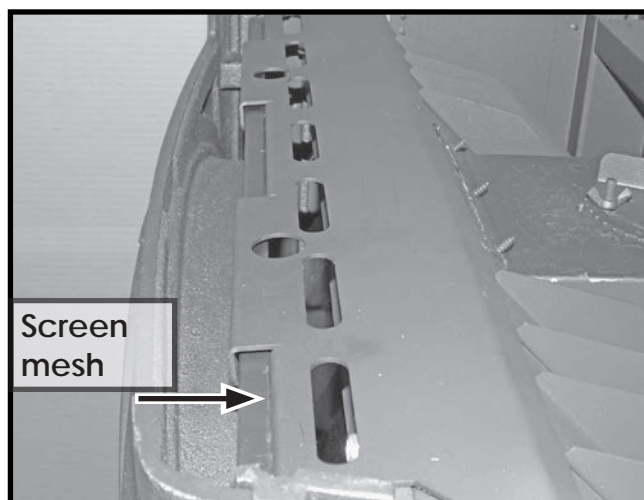


Fig. 57: Screen mesh holder in place

Return the top cover as shown in Fig.32. - page 21. Make sure that the latticed oval panel in the center of the top-cover does not slip off as it is not fastened to the larger panel.

Accent Lighting Glass Plates

The Trenton Gas Stove comes with an assortment of glass plates of various colours. Accent lighting is controlled via the remote control transmitter included with the Trenton Gas Stove. The glass plate tray is located underneath the Trenton (Fig: 58) and is held in place by two wing nuts - one on each side of the tray. The tray has two elongated open slots so that it is not necessary to completely remove the wing nuts in order to remove or replace the tray.



Fig. 58: Location of the light tray

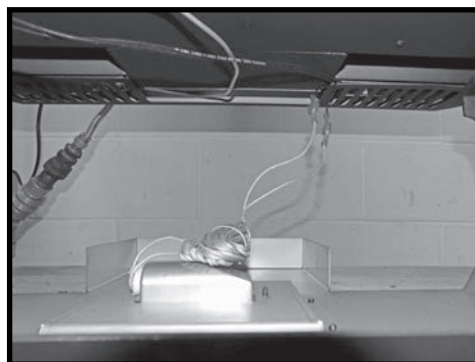


Fig. 59: Light tray electrical hook up.

1. To remove the tray if necessary, undo the wing nuts until the tray is able to be lowered onto the floor (Fig: 59).
2. Unhook the two electrical leads (Fig: 59).
3. A new glass plate slips into position as shown in Fig: 60 and 61.

CAUTION: Let the glass plate cool down before changing.

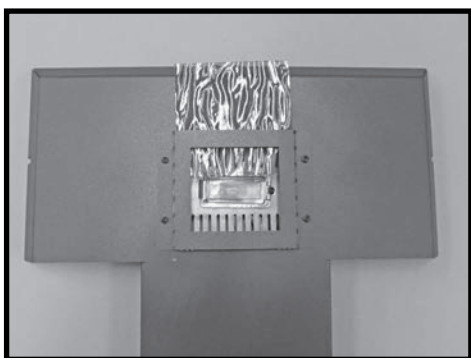


Fig. 60: A glass plate before insertion.

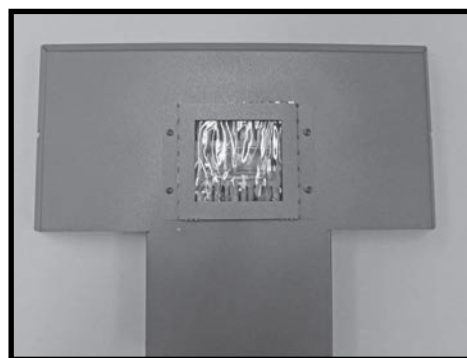


Fig. 61: Glass plate fully inserted.



Fig. 62: Glass plate tray

4. The glass plate is easily accessed from the front of the stove (Fig: 62)
5. The Trenton Gas Stove is now ready to turn on. Connect electrical power and turn on gas supply at this time.

Operating Procedure

Initializing the System for the first time

1. Install 4 AA batteries into the Trenton battery bay (Fig: 63) located on the rear side of the Trenton. Install the ON/OFF switch cover (Fig: 64) over top of the battery bay. Make sure that the selection switch is on the "Remote" setting.
2. Install 3 AAA batteries into the Proflame2 Remote Transmitter (Fig: 65).
3. Plug the Trenton power cord into a wall socket and open the gas supply line.
4. Insert a straightened paper clip into the opening marked "PRG" of the ON/OFF battery bay cover (Fig: 64) and press the program button once. The module, also located on the rear of the Trenton, will beep 3 times indicating that it is ready to synchronize with a remote transmitter.
5. On the Remote Transmitter, push the power on button once. The remote transmitter will beep 4 times to indicate that the remote transmitter and the control module are now synchronized. The remote transmitter is now ready to use.

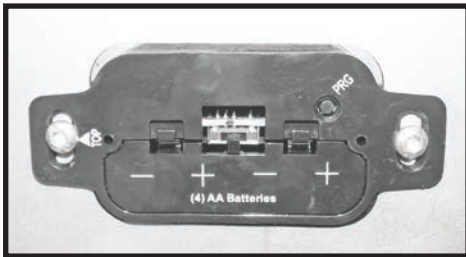


Fig. 63: On/Off switch and battery bay. Position switch in the middle to use the hand-held remote control switch.

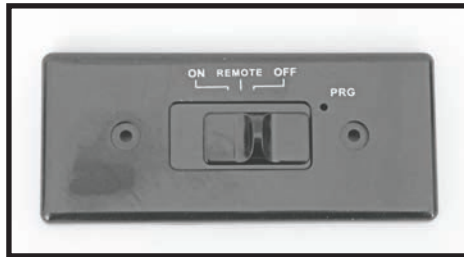


Fig. 64: On/Off switch cover



Fig. 65: Remote Transmitter Battery Bay

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 hearth gas stove. 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, a remotely actuated auxiliary outlet and a dimmable light outlet. The external batteries can provide DC power to the IFC allowing the batteries to be used only when line power is interrupted or lost, and if the gas stove does not use a combustion fan.

Damper Adjustment

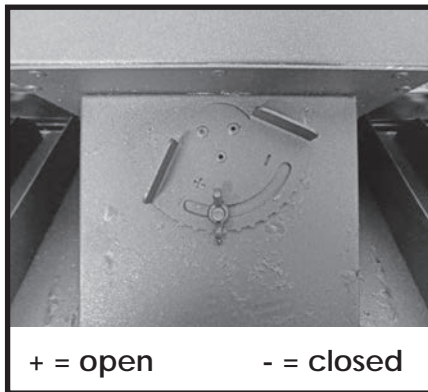


Fig. 66: Damper Adjustment

Damper Adjustment

Damper position is set according to the venting chart on page 17.

Damper adjustment is located under the top cladding cover plate.

Burner Installation

Burner Installation/Removal

Installation

Fit the burner over the orifice (Fig. 67 & 68) and set so that the screw holes on both sides of the burner are making full contact with the panel ledge (Fig. 69).

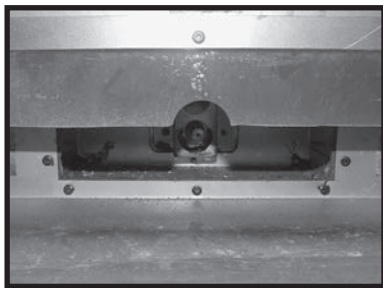


Fig. 67: Orifice



Fig. 68: Burner insertion onto the orifice

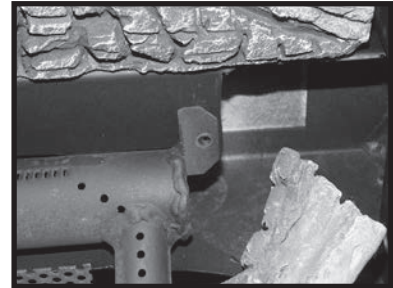


Fig. 69

Venturi Adjustment

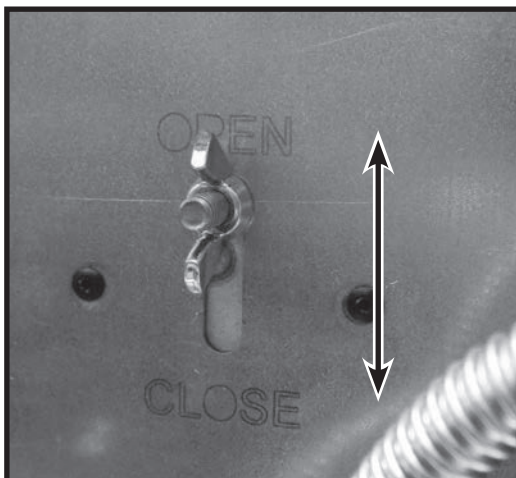


Fig. 70: Venturi adjustment

Venturi adjustment is accessible through an opening in the rear cover.

Some adjustment may be required

Adjustment

Loosen wing nut and move post up to open venturi, and down to close venturi. Tighten wing-nut once adjustment is complete.

Note: Venturi should be closed when using natural gas and open when using liquid propane.

Gas Supply

Servicing of the gas 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 gas stove. Consult local and/or national building codes before proceeding.

- Gas supply line connection is located on the rear of the gas stove. Gas connection accepts a $\frac{3}{8}$ " 45° flare fitting. Correct gas line diameter must be used to assure proper operation and pressure.
- The gas 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 (not provided) 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>	Natural Gas	Propane
Minimum	5.0" WC	12.5" WC
Maximum	13.9" WC	13.9" WC
<u>Manifold Pressure</u>		
High	3.8" WC	11" WC
Low	1.1" WC	2.9" WC

Trenton

<u>Gas</u>	<u>Orifice</u>	<u>Output</u>	<u>AFUE</u>
NG	2.26 mm	24,000 btu/hr	73.0%
LP	1.40 mm	24,000 btu/hr	73.0%

Gas Pressure Testing Procedure

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

1. Remove back panel and locate the valve as seen in Fig. 72.
2. Locate the inlet and outlet test points on the valve which can be seen in Fig. 73.
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 gauges and re-tighten the screws in the test points.

Pilot Flame Adjustment



Fig. 71: Pilot

The pilot flame level can be adjusted by turning the adjustment screw, using a flat-tip screwdriver, as seen on the valve in Fig. 73.

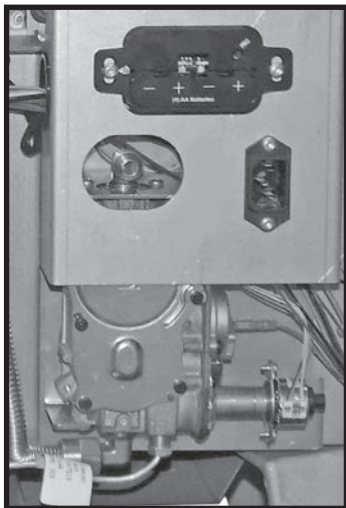


Fig. 72: Valve location

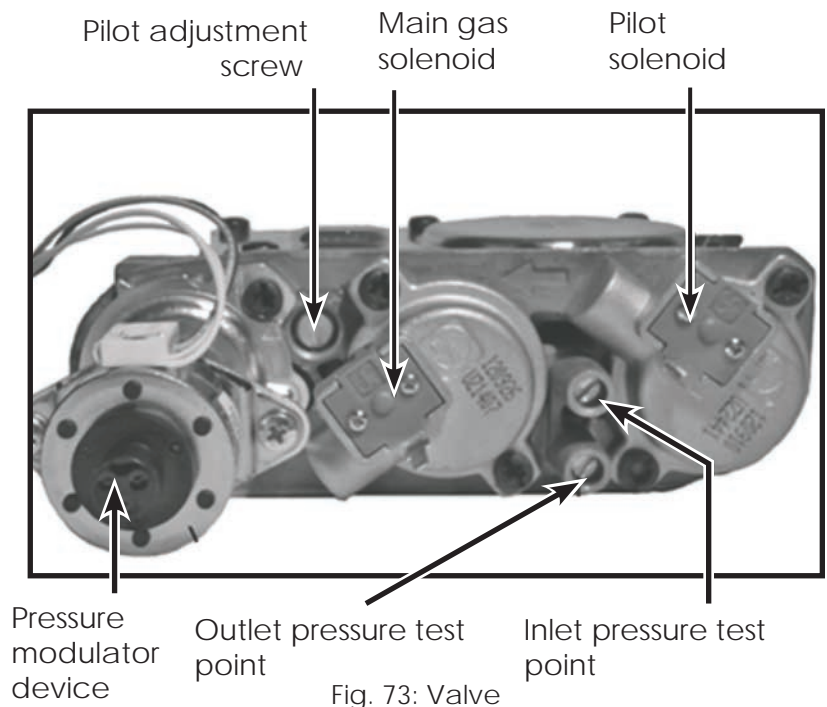


Fig. 73: Valve

Propane Conversion

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

To convert the gas stove from natural gas to propane the (TRTN.LPKITA) 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 mesh and glass barriers, log-set, embers and burner. Please refer to the appropriate sections of this manual and follow instructions on how to correctly remove these components.

After removing the components listed in the above paragraph, you will have access to the burner orifice located at the lower inside rear of the firebox. 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 remove the pilot hood which is held in place by a spring. First remove the spring, and then remove the hood by pulling it up from the pilot bracket, seen in Fig. 75. 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.

To complete the conversion, the venturi shutter will have to be adjusted to the correct opening. Please refer to page 30 for correct adjustment of venturi.



Fig. 74: Pilot

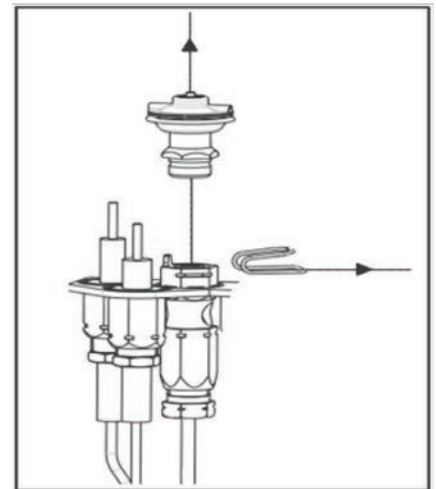


Fig. 75: Pilot hood removal

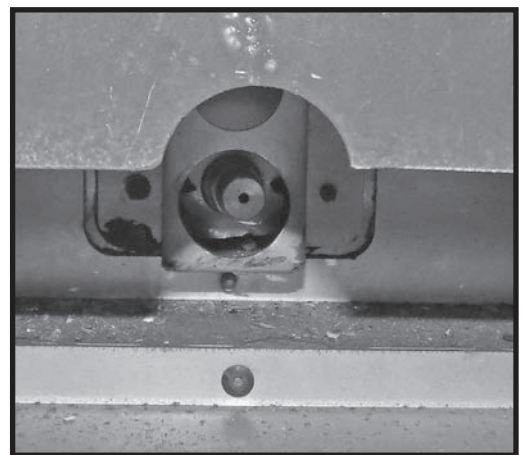


Fig. 76: Orifice from i inside the firebox

Fan Replacement

Removal

1. Turn off the main gas supply to gas stove and disconnect the gas supply from the $\frac{3}{8}$ " flare fitting.
Also, disconnect the power cord from the unit.
2. Remove rear cover to gain access to the fans.
3. Remove the three (3) screws from the panel as indicated in Fig. 77 inset and extract the fan.
The wires will have to be disconnected from the fan before it can be removed completely.
4. Retain rubber grommets and plastic bushings (Fig. 78) for installation of the new fan.

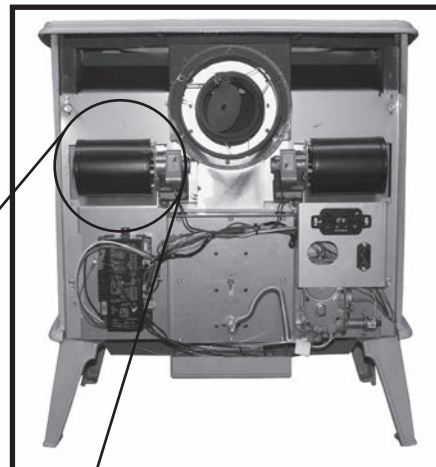
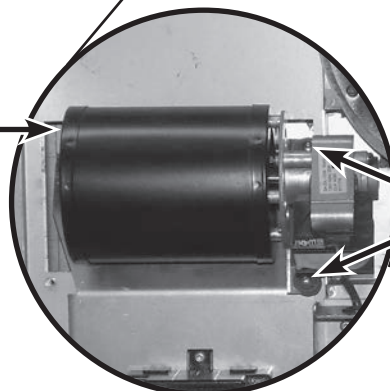


Fig. 77: Fan location



Fig. 78: Grommet and bushing

Screw
(not visible)



Screws

Fig. 77 inset

Installation

Installation is the reverse of removal.

Note:

The two fans are inverse to each other. There is a left fan and a right fan and therefore they have different part numbers on their labels. (Fig. 79)

See replacement parts list (page 39) for part numbers.

NOTE: Fan manufacturers part numbers are as follows:
SA-25L-1027 = Right fan
SA-25L-1026 = Left Fan



Fig. 79: Fan part number labels

Fire Box Panel Installation

Installation

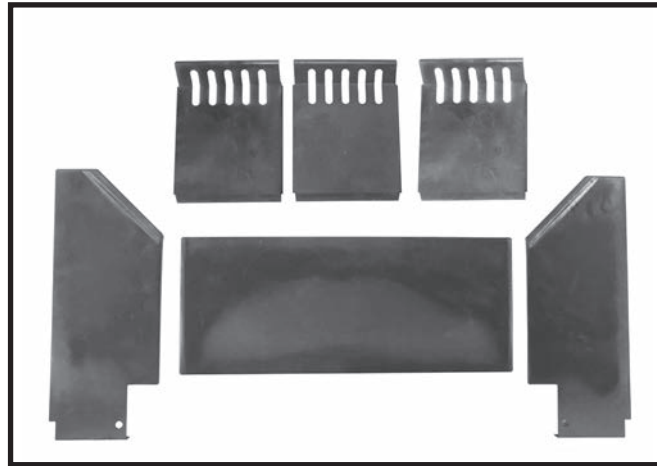


Fig. 80: Firebox panels

1. Insert back panel so that it is sitting on the ledge at the back of the firebox as shown in Fig: 81.
2. Insert side panels so that they are sitting on top of the lower back panel ledge as shown in Fig.: 82.
3. Insert first side panel by tilting the panel into the fire box chamber. Then slide the panel in until it reaches the firebox side wall. See Fig: 83.
4. Repeat previous step to install the second side panel.

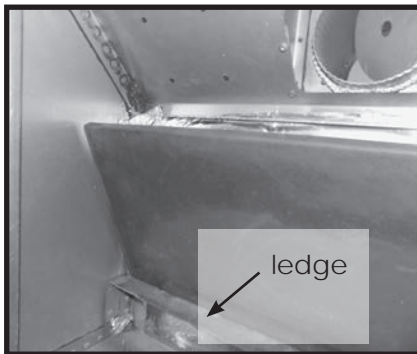


Fig. 81: Back Panel

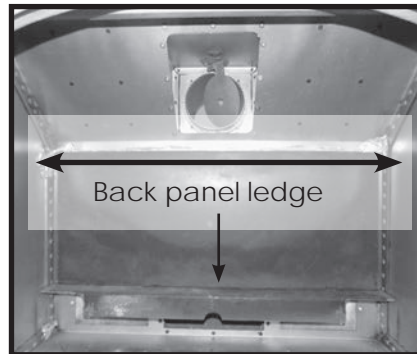


Fig. 82: Side Panels location

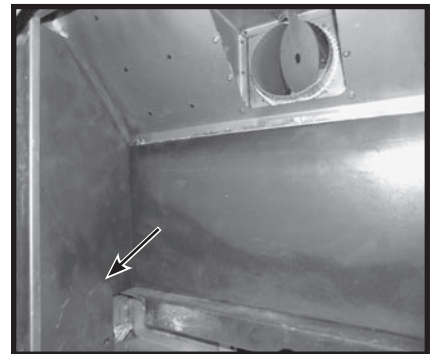


Fig. 83: Side Panels in place

5. Insert the 3 upper baffles by tucking the top part of the baffle over top of the lip as shown in Fig: 84. Let the bottom of the baffle rest on top of the back panel (Fig: 85), then let the top part of the baffle rest against the lip.



Fig. 84: Upper baffle

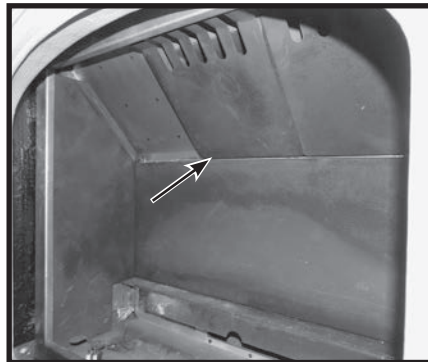


Fig. 85



Fig. 86

Door Removal



Fig. 87: Door hinges in place



Fig. 88: Door removed

Door is removed from gas stove by simply lifting each of the two doors up and off of its hinges.

Cladding Removal/Replacement

Trenton cladding panels can be removed and replaced with different styles as shown on page 39. Tools required are a 3/8" and 7/16" wrenches.



Fig. 89: Top cover panel



Fig. 90: Top cover with lattice insert

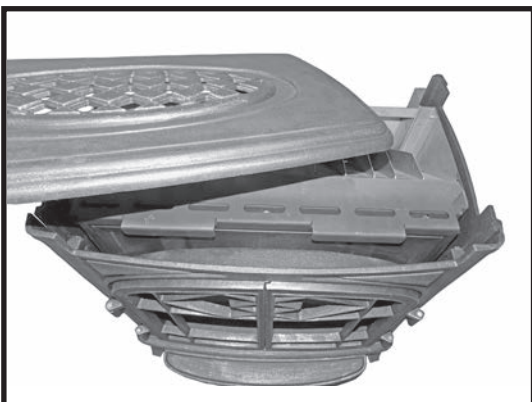


Fig. 91: Removal of top cover

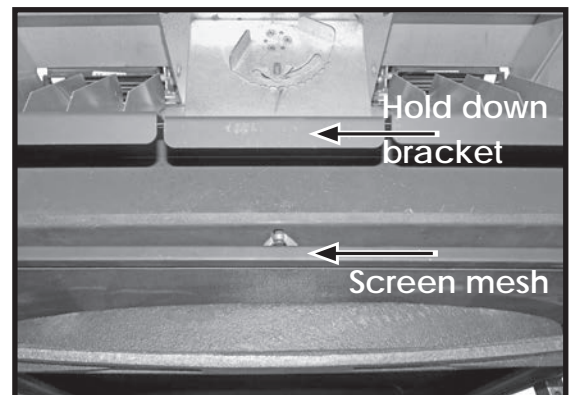


Fig. 92: Mesh screen barrier & hold-down bracket

Removal instructions

1. Remove the top cover which is sitting - unfastened on top of the Trenton (Fig. 90). Take care when lifting the top cover so that the lattice insert does not fall off, or remove insert before removing the top cover.
2. The screen mesh and glass barrier will need to be removed so as to gain access to the front and side panel bolts. Raise the mesh screen, hold down bracket and remove the mesh barrier. (Fig. 93)
3. Remove 3 wing nut bolts that are holding the glass barrier in place (Fig. 94). Slide the top of the barrier away from the wing-nut posts. Lift and remove glass barrier.

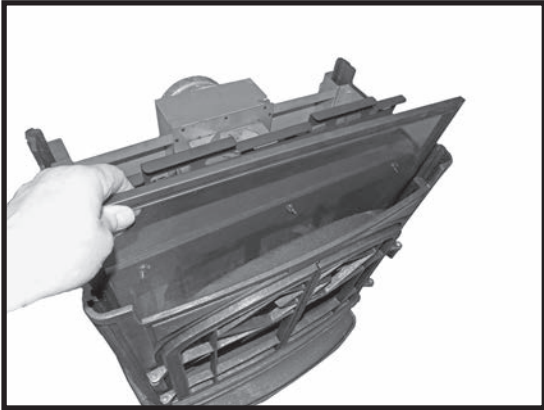


Fig. 93: Mesh barrier removal

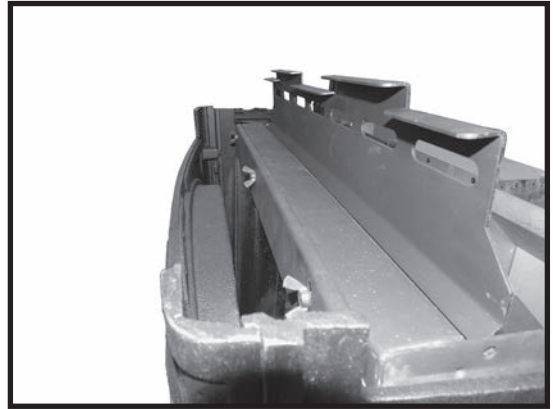


Fig. 94: Glass barrier wing nuts

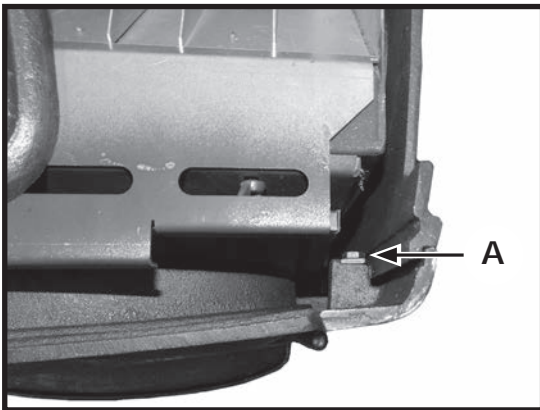


Fig. 95: Front panel bolt

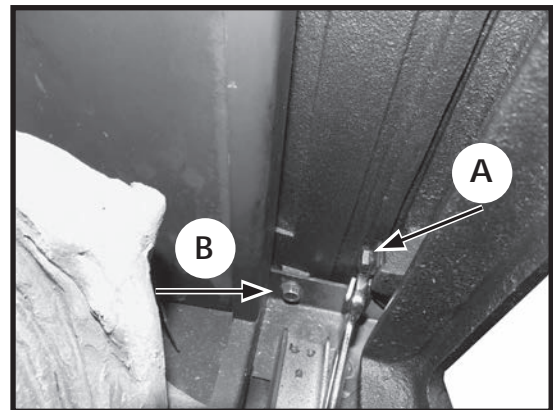


Fig. 96: Front panel bolt (A) and side panel bolt (B).

4. Loosen - don't remove - the upper and lower front panel bolts from both the right and left sides of the front panel. (call-out **A**, Fig. 95 & 96)
5. Lift the front panel and remove. (Fig.97)

Installer Information



Fig. 97: Removing front panel



Fig. 98: Removing side panel

6. Remove the rear cover of the Trenton to expose the two bolts for the side cladding (Fig.98)
7. At the front, remove the lower side panel bolts (call-out **B** Fig.96) from both left and right side panels.
8. At the rear, remove the two bolts for the left and right side panels (Fig. 99)
8. Remove side panels (Fig 100)

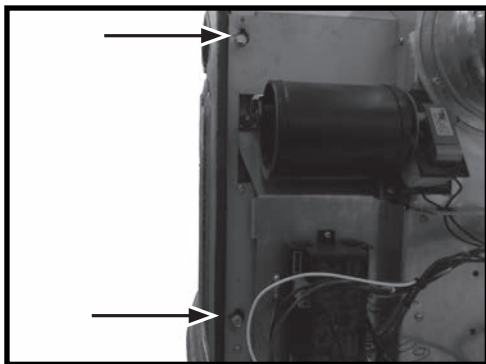


Fig. 99: Removing rear side panel bolts



Fig. 100: Removing side panels

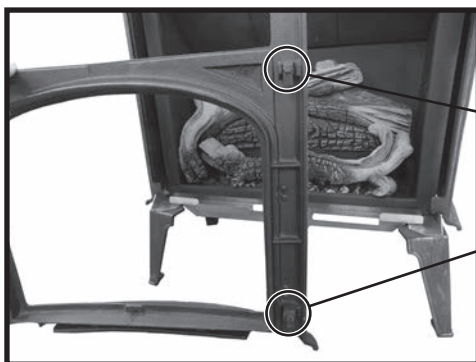


Fig.101: Front panel mounting plates

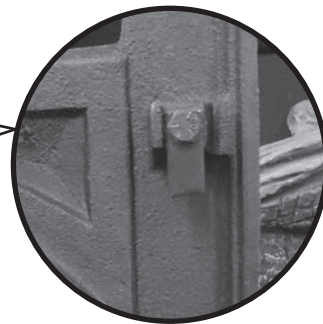


Fig.101 inset

Installation instructions

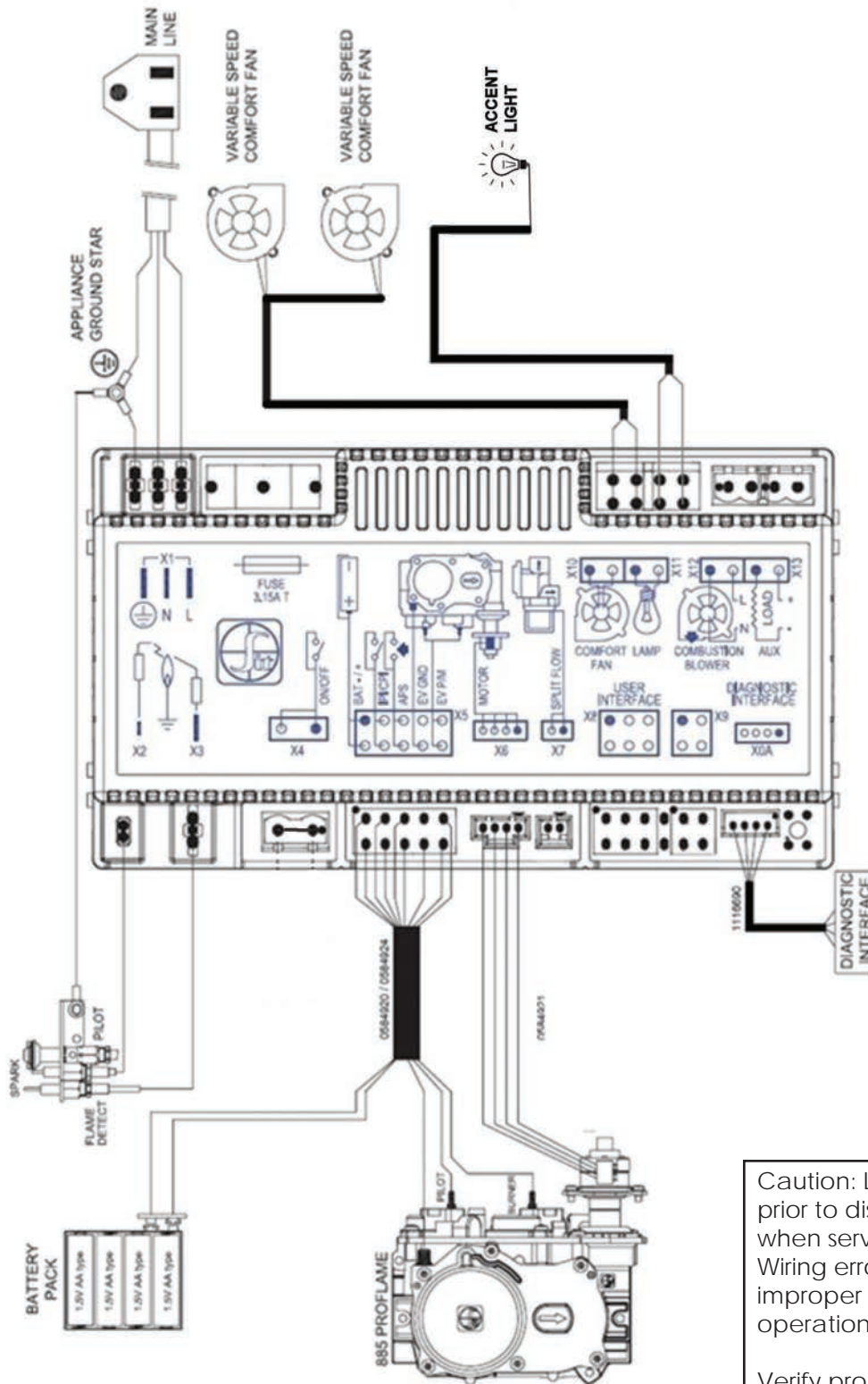
Install the panels in the reverse order in which they were removed. Be sure that the 4 rectangular plates on the front panel (Fig. 101) are left loose when mounting the front panel. These plates hook onto the side panels.

Replacement Parts

TRENTON SALES CODES

<u>DESCRIPTION</u>	<u>SALES CODE</u>
Trenton unit complete	TRTN.BODYA
Optional	
Trenton LP Conversion Kit	TRTN.LPKITA
Replacement	
Trenton Door with glass	TRTN.DOORA
Trenton Screen	TRTN.SCRNA
Trenton Control Tray Complete	TRTN.CNTRAY
Trenton Panel Set Painted	TRTN.PNLSETA
Trenton Burner	TRTN.BURNA
Trenton Log Set with Embers	TRTN.LOGSETA
Trenton Blower Right	TRTN.BLOWR
Trenton Blower Left	TRTN.BLOWL
Trenton Light Housing with Bulb	TRTN.LIGHTA
Trenton Decorative Tinted Glass Kit	TRTN.DECGLSA
SIT Remote Transmitter	GASC.CNTRLA
SIT Pilot Assembly	GASC.PILOTA
Replacement Cast Iron Painted	
Top	5037.802-A
Front	5037.803-A
Side L	5037.807-A
Side R	5037.808-A
Door L	5037.811-A
Door R	5037.812-A
Top Grill	5037.806-A
Ashlip	5037.809-A
Legs (set)	5037.813-a
Replacement Cast Iron Antique White	
Top	5037.802AW-A
Front	5037.803AW-A
Side L	5037.807AW-A
Side R	5037.808AW-A
Door L	5037.811AW-A
Door R	5037.812AW-A
Top Grill	5037.806AW-A
Ash Lip	5037.809AW-A
Legs (set)	5037.813AW-A
Replacement Cast Iron Maj Brown	
Top	5037.802BN-A
Front	5037.803BN-A
Side L	5037.807BN-A
Side R	5037.808BN-A
Door L	5037.811BN-A
Door R	5037.812BN-A
Top Grill	5037.806BN-A
Ash Lip	5037.809BN-A
Legs (set)	5037.813BN-A

Wiring Diagram



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

Verify proper operation after servicing.

Fig. 99 : Trenton Wiring Diagram

Rating Label



MODEL/
MODELE: **Trenton**

SERIES/
SERIE: **A**

MADE IN CANADA
FABRIQUE AU CANADA

VENTED GAS FIREPLACE - 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 Fireplaces
CAN/CGA 2.17-M91 Gas-Fired Appliance For Use At High Altitudes.
Certified for / Certifié pour Canada and U.S.A.

212

This appliance is equipped for use with natural gas.
Cet appareil est équipé pour une utilisation avec
du gaz naturel.

FOR USE WITH/ EN CASE D'EMPLOI AVEC:	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)	5.0 in/wc / 5.0 po/c.e. (1.25 kPa)	12.5 in/wc / 12.5 po/c.e. (3.11 kPa)
Maximum supply pressure / Pression maximum d'alimentation:	13.9 in/wc / 13.9 po/c.e. (3.45 kPa)	13.9 in/wc / 13.9 po/c.e. (3.45 kPa)
Manifold pressure / Pression de la tuyauterie: Maximum	3.8 in/wc / 3.8 po/c.e. (0.95 kPa)	11.0 in/wc / 11.0 po/c.e. (2.74 kPa)
Orifice Size / Diametre de l'injecteur:	(2.26 mm)	(1.40 mm)
Input BTU/hr (kW) / Entree BTU/h (kW):	Max.: 24,000 (7.03) Min.: 13,500 (3.95)	Max.: 24,000 (7.03) Min.: 12,000 (5.51)

Blower electrical rating: 115v, 60hz, 1.1 A / Normes electriques du ventilateur: 115v, 60hz, 1.1 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 THE GLASS AND SCREEN BARRIER CERTIFIED WITH THE APPLIANCE ONLY / POUR UTILISATION UNIQUEMENT AVEC LES PORTES EN
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 à l'appareil
Ceiling to Appliance / Plafond à l'appareil
Vent Pipe / Déchargez le Tuyau

4 in./ 4 po. (102 mm)
18 in./ 18 po. (457 mm)
1.0 in./ 1.0 po. (25 mm)

*See Installation Manual for more detail / Voyez des Directive
de l'Installation pour plus détails.

Pacific Energy
Fireplace Products Ltd.
Duncan, British Columbia,
Canada

DATE OF MANUFACTURE

JAN	FEB	MAR	APR	2014
MAY	JUN	JUL	AUG	2015
SEP	OCT	NOV	DEC	2016

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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Trenton





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For technical support, please contact your retailer

Web site: www.pacificenergy.net
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