



# INSTALLATION AND OPERATION MANUAL

## Galaxy™ Series (GSS48E Illustrated)

### SAFETY INFORMATION

#### ! WARNING

If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

#### WHAT TO DO IF YOU SMELL GAS:

- Do not try to light any appliance.
- Shut off gas to the appliance.
- Extinguish any open flame.
- If odour continues, leave the area immediately.
- 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.

Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

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

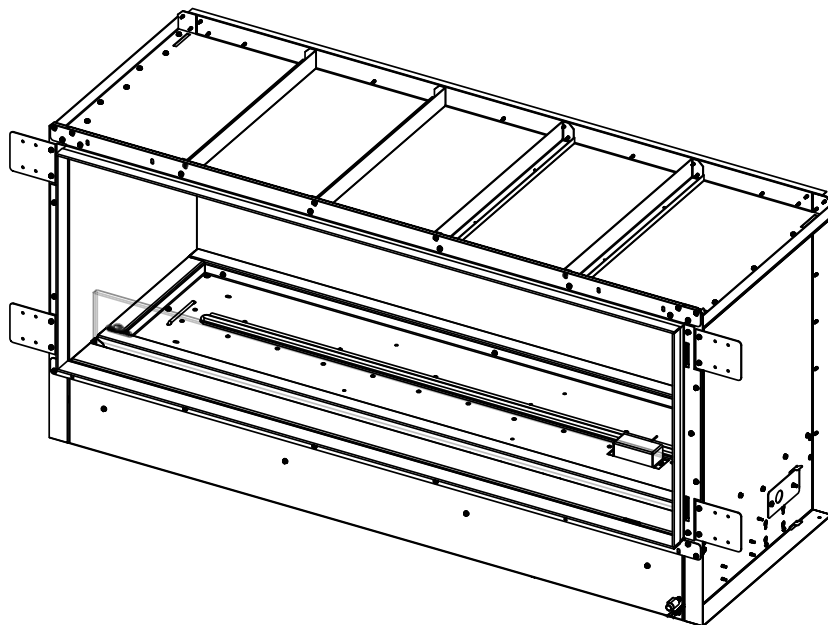
This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

#### INSTALLER:

Leave this manual with the appliance

#### CONSUMER:

Retain this manual for future reference



### FOR OUTDOOR USE ONLY

**CERTIFIED TO THE CANADIAN AND AMERICAN NATIONAL STANDARDS:  
ANSI Z21.97 AND CSA 2.41 FOR OUTDOOR DECORATIVE GAS APPLIANCES**

<b>DANGER</b>	<b>CARBON MONOXIDE HAZARD</b> This appliance can produce carbon monoxide which has no odor.
	Using it in an enclosed space can kill you.  Never use this appliance in an enclosed space such as a camper, tent, car or home.

**DECORATIVE PRODUCT: NOT FOR USE AS A HEATING APPLIANCE.**

APPLY SERIAL NUMBER LABEL FROM CARTON	
Serial No. XXXXXX00000	MODEL NO.



Wolf Steel Ltd., 24 Napoleon Rd., Barrie, ON, L4M 0G8 Canada / 103 Miller Drive, Crittenden, Kentucky, USA, 41030  
 Phone 1 (866) 820-8686 • www.napoleon.com • hearth@napoleon.com



**⚠ DANGER! FLAMMABLE GAS UNDER PRESSURE.**  
**LEAKING LP-GAS MAY CAUSE A FIRE OR EXPLOSION**  
**IF IGNITED CAUSING SERIOUS BODILY INJURY OR DEATH.**  
**CONTACT LP GAS SUPPLIER FOR REPAIRS, OR DISPOSAL OF THIS**  
**CYLINDER OR UNUSED LP-GAS.**

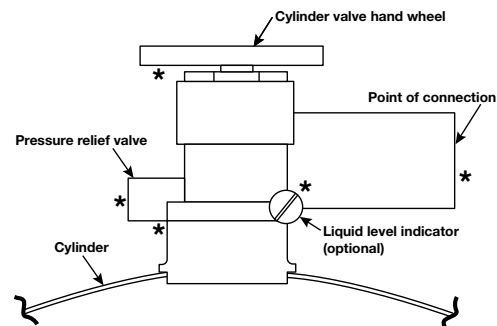
**⚠ WARNING! FOR OUTDOOR USE ONLY. \***  
**DO NOT USE OR STORE CYLINDER IN A BUILDING, GARAGE, OR**  
**ENCLOSED AREA.**

**⚠ WARNING:**

- Know the odour of LP-gas. If you hear, see, or smell leaking LP-gas, immediately get everyone away from the cylinder and call the Fire Department. Do not attempt repairs.
- Caution your LP-gas supplier to:
  - (a) be certain cylinder is purged of trapped air prior to first filling;
  - (b) be certain not to overfill the cylinder;
  - (c) be certain cylinder requalification date is checked.
- LP-gas is heavier than air and may settle in low places while dissipating.
- Contact with the liquid contents of cylinder will cause freeze burners to the skin.
- Do not allow children to tamper or play with cylinder.
- When not connected for use, keep cylinder valve turned off. Self-contained appliances shall be limited to a cylinder of 30lb capacity or less.
- Do not use, store, or transport cylinder where it would be exposed to high temperatures. Relief valve may open allowing a large amount of flammable gas to escape.
- When transporting, keep cylinder secured in an upright position with cylinder valve turned off.

**WHEN CONNECTING FOR USE:**

- Use only in compliance with applicable codes.
- Read and follow manufacturer's instructions.
- Consult manufacturer's instructions concerning the cylinder connection provided with your appliance.
- Be sure regulator vent is not pointing up.
- Turn off all valves on the appliance.
- Do not check for gas leaks with a match or open flame. Apply soapy water at areas marked "X". Open cylinder valve. If bubble appears, close valve and have LP-gas service person make needed repairs. Also, check appliance valves and connections to make sure they do not leak before lighting appliance.
- Light appliance(s) following manufacturer's instructions.
- When appliance is not in use, keep the cylinder valve closed.





## **WARNING**

- **This appliance is hot when operated and can cause severe burns if contacted.**
- **Any changes or alterations to this appliance or its controls can be dangerous and is prohibited.**
- Do not operate appliance before reading and understanding operating instructions. Failure to operate appliance according to operating instructions could cause fire or injury.
- Ensure the glass door is opened or removed when lighting the pilot for the first time and when the gas supply has run out.
- Risk of fire or asphyxiation, do not operate appliance with fixed glass removed and never obstruct the front opening of the appliance.
- Do not connect 110 volts to the control valve, with the exception of models; GSST8 and GT8.


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 this appliance and must be installed for the protection of children and other at-risk individuals.



- Risk of burns. The appliance should be turned off and cooled before servicing.
- Do not install damaged, incomplete or substitute components.
- Risk of cuts and abrasions. Wear protective gloves, protective footwear, and safety glasses during installation. Sheet metal edges may be sharp.
- Do not burn wood or other materials in this appliance.
- Provide adequate ventilation and combustion air. Provide adequate accessibility clearance for servicing and operating the appliance.
- High pressure will damage valve. Disconnect gas supply piping before pressure testing gas line at test pressures above 1/2 psig. Close the manual shut-off valve before pressure testing gas line at test pressures equal to or less than 1/2 psig (35mb).
- The appliance must not be operated at temperatures below freezing (32°F / 0°C). Allow the appliance to warm to above freezing prior to operation, with the exception of models; GSS36, GSS42; these appliances are suitable for 0°F / -18°C.
- **Children and adults should be alerted to hazards of high surface temperature 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 an appliance 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.**
- **Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.**
- Furniture or other objects must be kept a minimum of 4 feet (1.22m) away from the front of the appliance.
- Ensure you have incorporated adequate safety measure to protect infants/toddlers from touching hot surfaces.
- Even after the appliance is off, it will remain hot for an extended period of time.
- Check with your local hearth specialty dealer for safety screens and hearth guards to protect children from hot surfaces. These screens and guards must be fastened to the floor.
- **Any safety screen, guard or barrier removed for servicing the appliance, must be replaced prior to operating the appliance.**
- It is imperative that the control compartments, burners and circulating blower and its passageway in the appliance and venting system are kept clean. The appliance and its venting system should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. The appliance area must be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- If the appliance shuts off, do not re-light until you provide fresh air. If appliance keeps shutting off, have it serviced. Keep burner and control compartment clean.
- Under no circumstances should this appliance be modified.
- Do not allow wind or fans to blow directly into the appliance. Avoid any drafts that alter burner flame patterns.



## ! WARNING


- Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this appliance.
- This appliance must not be connected to a chimney flue pipe serving a separate solid fuel burning appliance.
- Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- Do not operate the appliance with the glass door removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person, if equipped.
- Do not strike or slam shut the appliance glass door, if equipped.
- **Only doors / optional fronts certified with the appliance are to be installed on the appliance.**
- Keep the packaging material out of reach of children and dispose of the material in a safe manner. As with all plastic bags, these are not toys and should be kept away from children and infants.
- Carbon or soot should not occur in a vent free appliance as it can distribute into the living area of your home. If you notice any signs of carbon or soot, immediately turn off your appliance and arrange to have it serviced by a qualified technician before operating it again.
- If equipped, the screen must be in place (closed) when the appliance is in operation.
- When equipped with pressure relief doors, they must be kept closed while the appliance is operating to prevent exhaust fumes containing carbon monoxide, from entering into the home. Temperatures of the exhaust escaping through these openings can also cause the surrounding combustible materials to overheat and catch fire.
- Carbon monoxide poisoning may lead to death; early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness and/or nausea. If you have these signs, the appliance may not be working properly. Get fresh air at once! Have appliance serviced. Some people; pregnant women, persons with heart or lung disease, anemia, those under the influence of alcohol, those at high altitudes are more affected by carbon monoxide than others. Failure to keep the primary air opening(s) of the burner(s) clean may result in sooting and property damage.
- As with any combustion appliance, we recommend having your appliance regularly inspected and serviced as well as having a Carbon Monoxide Detector installed in the same area to defend you and your family against Carbon Monoxide (not applicable for outdoor appliances).
- Ensure clearances to combustibles are maintained when building a mantel or shelves above the appliance. Elevated temperatures on the wall or in the air above the appliance can cause melting, discolouration or damage to decorations, a TV or other electronic components.
- **For appliances equipped with a safety barrier; if the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.**
- **Installation and repair should be done by a qualified service person. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.**
- For outdoor products only: this appliance must not be installed indoors or within any structure that prevents or inhibits the exhaust gases from dissipating in the outside atmosphere.
- If applicable, the millivolt version of this appliance uses and requires a fast acting thermocouple. Replace only with a fast acting thermocouple supplied by Wolf Steel Ltd.

**! WARNING:** This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer, and chemicals including carbon monoxide, which are known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).


WARNING


FIRE RISK HAZARD / DELAYED IGNITION

High supply pressure will damage the valve / controls.



Disconnect the appliance main gas valve/control from the supply piping when pressure testing that system at pressures in excess of 1/2 psi (3.5 kPa).

Isolate the appliance with it's shut off valve during any pressure testing of the supply piping at pressures equal to or less than 1/2 psi (3.5 kPa).



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**note:**

The information throughout this manual is believed to be correct at the time of printing. Wolf Steel Ltd. reserves the right to change or modify any information within this manual at any time without notice. Changes, other than editorial are denoted by a vertical line in the margin.



# general information

**Installer, please fill out the following information:**

Customer: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Date of Installation: \_\_\_\_\_  
 Location of Appliance: \_\_\_\_\_  
 Installer: \_\_\_\_\_  
 Dealer/Distributor Contact Number: \_\_\_\_\_  
 Serial #: \_\_\_\_\_

Model:

**Natural Gas:** ☐ GSS48NE

☐ GSS48STNE

**Propane:** ☐ GSS48PE

☐ GSS48STPE

## 1.0 general information

When the appliance is installed at elevations above 4,500ft (1372m), and in the absence of specific recommendations from the local authority having jurisdiction, the certified high altitude input rating shall be reduced at the rate of 4% for each additional 1,000ft (305m). Expansion / contraction noises during heating up and cooling down cycles are normal and to be expected. Change in flame appearance from “HI” to “LO” is more evident in natural gas than in propane.

It is highly recommended to protect the logs (if equipped) from moisture (i.e. rain, snow). Cover the enclosure opening when not in use.

**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.**

The protective wrap on plated parts is best removed when the assembly is at room temperature but this can be improved if the assembly is warmed, using a hair dryer or similar heat source. The protective wrap must be removed before operating the appliance.

**This appliance is a decorative product. It is not a source of heat and not intended to burn solid fuel.**



Batteries must be disposed of according to the local laws and regulations. Some batteries may be recycled, and may be accepted for disposal at your local recycling center. Check with your municipality for recycling instructions.

### 1.1 combustion and ventilation air

This appliance is intended for installation on an outdoor patio or in your yard. It must never be installed inside the warm air envelope of your structure.

It is highly recommended that this appliance be installed in a “sheltered” area. Direct wind will cause an erratic flame and possible pilot or main burner outage.

An erratic flame could also lead to excessive carboning (black soot) which is not a safety issue but is visually undesirable.

Typical installation may include covered patio, screened porch, gazebo or on an outside wall of a house.

**If installing a propane appliance, the propane cylinder must always be on the exterior of such a structure.**

**Ensure the area has adequate ventilation.**

#### important:

Some components and/or media are packaged separately and must be installed in accordance with the information in this manual.



## 1.2 rates and efficiencies

For your satisfaction, this appliance has been test-fired to assure its operation and quality.

	Natural Gas	Propane
Altitude (FT)	0-4,500	
Max. Input (BTU/HR)	55,000	53,500
Min. Inlet Gas Supply Pressure	4.5" w.c. (1.12kPA)	
Max. Inlet Gas Supply Pressure	7" w.c. (1.74 kPA)	13" w.c. (3.23 kPA)
Manifold Pressure (Under Flow Conditions)	3.5" w.c. (0.87 kPA)	10" w.c. (2.49 kPA)

## 1.3 general instructions

### ! WARNING

- Never obstruct the front opening of the appliance.
- Objects placed in front of the appliance must be kept a minimum of 48" (121.9cm) from the front face of the appliance.
- Fire risk. Explosion hazard.
- High pressure will damage valve. Disconnect gas supply piping before pressure testing gas line at test pressures above 1/2 PSIG. Close the manual shut-off valve before pressure testing gas line at pressures equal to or less than 1/2PSIG (35mb).
- Use only Wolf Steel approved optional accessories and replacement parts with this appliance. Using non-listed accessories (blowers, doors, louvres, trims, gas components, venting components, etc.) could result in a safety hazard and will void the warranty and certification.

**THIS GAS APPLIANCE SHOULD BE INSTALLED AND SERVICED BY A QUALIFIED INSTALLER** to conform with local codes. Installation practices vary from region to region and it is important to know the specifics that apply to your area, for example in Massachusetts State:

- The appliance off valve must be a "T" handle gas cock.
- The flexible connector must not be longer than 36" (91.4cm).

The installation must conform with local codes or, in absence of local codes, the National Gas and Propane Installation Code CSA B149.1 in Canada, or the National Fuel Gas Code, ANSI Z223.1 / NFPA 54 in the United States.

The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (35 mb). The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (35 mb). When installed with a blower or fan, the junction box must be electrically connected and grounded in accordance with local codes. In the absence of local codes, use the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI / NFPA 70 National Electric Code in the United States. In the case where the blower is equipped with a power cord it must be connected into a properly grounded receptacle. The grounding prong must not be removed from the cord plug.

When the appliance is installed directly on combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and depth.

Solid fuels shall not be burned in this appliance.

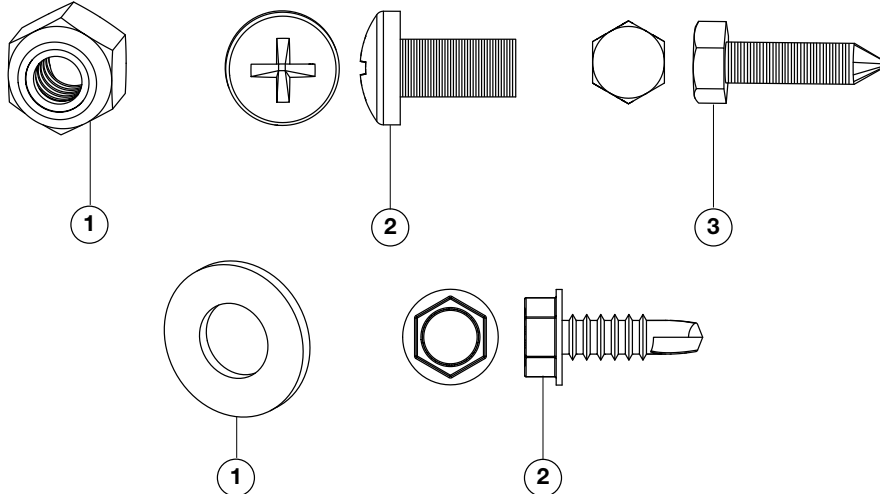


We suggest that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists



# general information

## 1.4 hardware list



	DESCRIPTION	PART NUMBER	QUANTITY
1	Nut, Hex 1/4-20	W450-0032	1
2	Screw, Robertson 1/4-2	W570-0047	1
3	Screw, Lag 1/4-1	W570-0059	1
4	Washer, Plate 1/2"	W735-0003	1
5	Screw, Hex 8-1/2	N570-0008	32

### note:

Only fasteners supplied with the appliance are illustrated.

## 1.5 rating plate information

**CAUTION** : THE GAS PRESSURE REGULATOR PROVIDED WITH THIS APPLIANCE MUST BE USED. THIS REGULATOR IS SET FOR AN OUTLET PRESSURE OF 3.5 INCHES WATER COLUMN FOR NG AND 10 INCHES WATER COLUMN FOR PROPANE. THE GAS SUPPLY MUST BE TURNED OFF AT THE PROPANE GAS SUPPLY CYLINDER WHEN THIS APPLIANCE IS NOT IN USE. DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPOURS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. AN PROPANE CYLINDER NOT CONNECTED FOR USE SHALL NOT BE STORED IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. DO NOT CONNECT TO A REMOTE GAS SUPPLY IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. READ THE INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS THOROUGHLY BEFORE INSTALLING OR SERVING THIS EQUIPMENT. REFER TO THE OWNER'S MANUAL PROVIDED WITH THIS APPLIANCE. FOR ASSISTANCE OR ADDITIONAL INFORMATION, CONSULT A QUALIFIED INSTALLER, SERVICE AGENCY OR GAS SUPPLIER. MUST NOT BE USED FOR COOKING. FOR OUTDOOR USE ONLY. IF STORED INDOORS, DETACH AND LEAVE CYLINDER OUTDOORS.

**ATTENTION** : LE RÉGULATEUR DE PRESSION DE GAZ FOURNI AVEC CET APPAREIL DOIT ÊTRE UTILISÉ. CE RÉGULATEUR EST RÉGLÉ POUR UNE PRESSION DE SORTIE DE 3,5 POUCES D'UNE COLONNE D'EAU POUR NG ET 10 POUCES D'UNE COLONNE D'EAU POUR PROPANE. LORSQUE CET APPAREIL N'EST PAS UTILISÉ, VOUS DEVEZ FERMER LA VANTILLOTTES EN GAZ SUR LA BONBONNE DE PROPANE. N'ENTRÉPOSEZ PAS ET N'UTILISEZ PAS D'ESSENCE OU AUTRES LIQUIDES ET VAPEURS INFLAMMABLES À PROXIMITÉ DE CET APPAREIL OU D'AUTRE APPAREIL. UNE BOUTEILLE DE PROPANE QUI N'EST PAS RACCORDEE EN VUE DE SON UTILISATION, NE DOIT PAS ÊTRE ENTREPOSÉE DANS LE VOISINAGE DE CET APPAREIL OU D'AUTRE APPAREIL. NE CONNECTEZ PAS À UNE FOURNITURE DE GAZ À DISTANCE. UNE INSTALLATION NON CONFORME, DES AJUSTEMENTS, DES ALTÉRATIONS, UN SERVICE OU UN ENTRETIEN INADÉQUATS PEUVENT CAUSER DES DOMMAGES À LA PROPRIÉTÉ OU DES BLESSURES CORPORELLES. VEUILLEZ LIRE ATTENTIVEMENT LES INSTRUCTIONS D'INSTALLATION, D'UTILISATION ET D'ENTRETIEN AVANT D'INSTALLER OU DE RÉPARER CE MATÉRIEL. RÉFÉREZ-VOUS AU MANUEL D'INSTRUCTIONS FOURNI AVEC CET APPAREIL. POUR DE L'ASSISTANCE OU POUR PLUS D'INFORMATION, CONSULTEZ UN INSTALLATEUR QUALIFIÉ, UNE AGENCE D'ENTRETIEN OU LE FOURNISSEUR DE GAZ. NE PAS UTILISER POUR LA CUISSON. POUR L'USAGE EXTÉRIEUR SEULEMENT. SI ENTREPOSÉ À L'INTÉRIEUR, DETACHER LA BONBONNE DE PROPANE ET LA LAISSER À L'EXTÉRIEUR.

**NOT FOR USE WITH SOLID FUEL / UN COMBUSTIBLE SOLIDE NE DOIT PAS ÊTRE UTILISÉ AVEC CET APPAREIL**

**WARNING**: THIS REPLACES AND REQUIRES A FAST ACTING THERMOCOUPLE. REPLACE ONLY WITH A FAST ACTING THERMOCOUPLE SUPPLIED BY WOLF STEEL LTD. DO NOT ADD ANY MATERIAL TO THE APPLIANCE, WHICH WILL COME IN CONTACT WITH THE FLAMES, OTHER THAN THAT SUPPLIED BY THE MANUFACTURER WITH THE APPLIANCE. MINIMUM CLEARANCE TO COMBUSTIBLE MATERIALS: /

**AVERTISSEMENT**: CE FOYER UTILISE ET REQUIERT UN THERMOCOUPLE À ACTION RAPIDE. REMPLACEZ UNiquement AVEC UN THERMOCOUPLE FOURNI PAR WOLF STEEL LTD. N'AJOUTEZ PAS À CET APPAREIL AUCUN MATÉRIEL DEVANT EN ÊTRE EN CONTACT AVEC LES FLAMMES AUTRE QUE CELUI QUI EST FOURNI AVEC CET APPAREIL PAR LE FABRICANT. DÉGAGEMENTS MINIMAUX, DES MATÉRIELS COMBUSTIBLES: /

CEILING / PLAFOND 36" SIDES / CÔTÉS 6"  
FLOOR / SOL 6" BACK / ARRIÈRE 6"

SEE INSTALLATION INSTRUCTIONS FOR FRAMING CLEARANCES. / POUR LES DÉGAGEMENTS AUX MATÉRIELS D'OSSATURE, VOIR LE MANUEL D'INSTRUCTIONS.

**GSS48N** ☐ **GSS48STN** ☐ **MODEL** ☐ **GSS48P** ☐ **GSS48STP** ☐

0-4500 BTU (0-1307W) 40,000 BTU (11,744W) 35,700 BTU (10,384W) REDUCED INPUT ALIMENTATION RÉDUITE

ALTITUDE/ELEVATION INPUT ALIMENTATION INPUT ALIMENTATION RÉDUITE

0-4500 BTU (0-1307W) 40,000 BTU (11,744W) 35,700 BTU (10,384W)

**MANIFOLD PRESSURE:** 3.5" (0.87kPa) WATER COLUMN  
**PRESSION AU COLLECTEUR:** 3.5" (0.87kPa) D'UNE COLONNE D'EAU  
**MINIMUM SUPPLY PRESSURE:** 4.5" (1.159kPa) WATER COLUMN  
**PRESSION D'ALIMENTATION MINIMALE:** 4.5" (1.159kPa) D'UNE COLONNE D'EAU  
**MAXIMUM SUPPLY PRESSURE:** 13" (3.23kPa) WATER COLUMN  
**PRESSION D'ALIMENTATION MAXIMALE:** 13" (3.23kPa) D'UNE COLONNE D'EAU

For natural gas when equipped with No. 25 drill size orifice.  
For propane when equipped with No. 25 drill size orifice.

Conviert au gaz naturel quand l'appareil est muni d'un injecteur de diamètre no. 25.  
Convient au propane quand l'appareil est muni d'un injecteur de diamètre no. 43.

**MANIFOLD PRESSURE:** 10" (2.48kPa) WATER COLUMN  
**PRESSION AU COLLECTEUR:** 10" (2.48kPa) D'UNE COLONNE D'EAU  
**MINIMUM SUPPLY PRESSURE:** 11" (2.76kPa) WATER COLUMN  
**PRESSION D'ALIMENTATION MINIMALE:** 11" (2.76kPa) D'UNE COLONNE D'EAU  
**MAXIMUM SUPPLY PRESSURE:** 13" (3.23kPa) WATER COLUMN  
**PRESSION D'ALIMENTATION MAXIMALE:** 13" (3.23kPa) D'UNE COLONNE D'EAU

Conviert au gaz naturel quand l'appareil est muni d'un injecteur de diamètre no. 25.  
Convient au propane quand l'appareil est muni d'un injecteur de diamètre no. 43.

**SAFETY**

**DANGER** CARBON MONOXIDE HAZARD  
This appliance can produce carbon monoxide which can be fatal.  
Using it in an enclosed space can kill you.  
Never use this appliance in an enclosed space unless it is properly vented to the outside.

**DANGER** MONOXYDE DE CARBONE  
Cet appareil peut produire du monoxyde de carbone, un gaz mortel.  
L'utilisation de cet appareil dans un espace clos peut entraîner la mort.  
Ne jamais utiliser cet appareil dans un espace clos sans ventilation adéquate vers l'extérieur.

**CERTIFIED UNDER / HOMOLOGUE SELON LES NORMES: ANSI Z21.9-2017 - CSA 2.41-2017. OUTDOOR GAS FIREPLACE / FOYER AU GAZ EXTÉRIEUR**

REF. NO. 161746 NO. DE RÉF. 161746

9700539 (WSL) ☐ 4001657 (NGZ) ☐  
4001658 (WUSA) ☐ 4001659 (WUSA) ☐

WOLF STEEL LTD.  
24 NAPOLEON ROAD, BARRIE, ON, L4M 0G8 CANADA

SERIAL NUMBER/NO. DE SÉRIE: **GSS48** W385-2583

This illustration is for reference only. Refer to the rating plate on the appliance for accurate information.

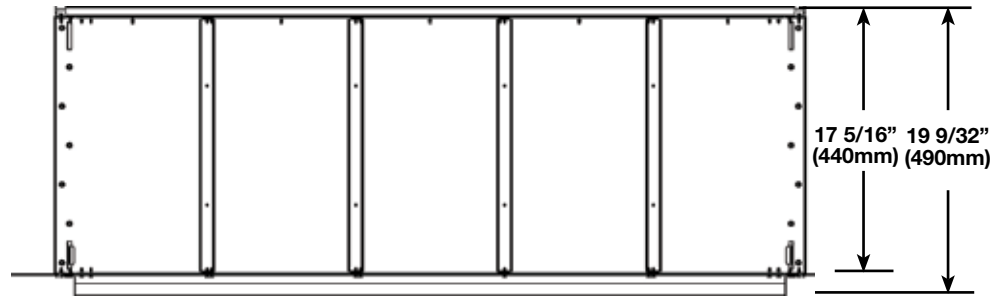
### note:

The rating plate must remain with the appliance at all times. It must not be removed.

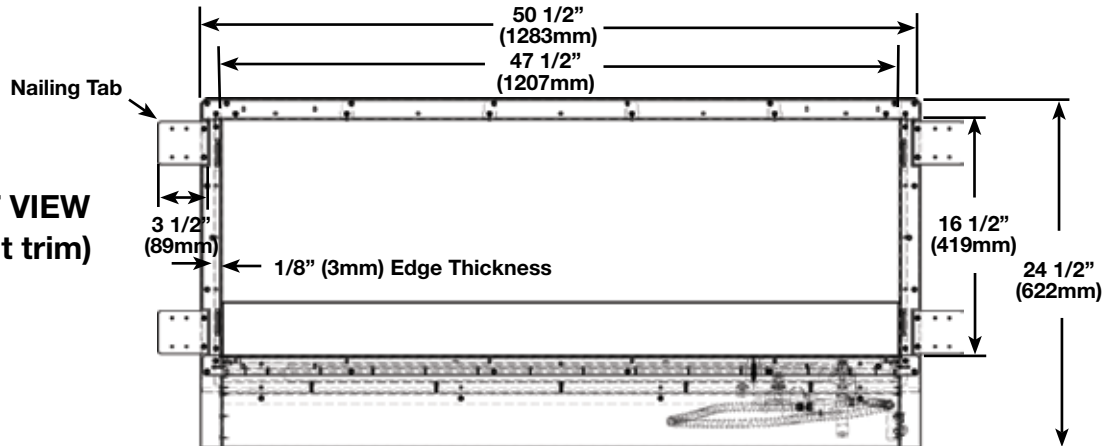


## 2.1 GSS48E

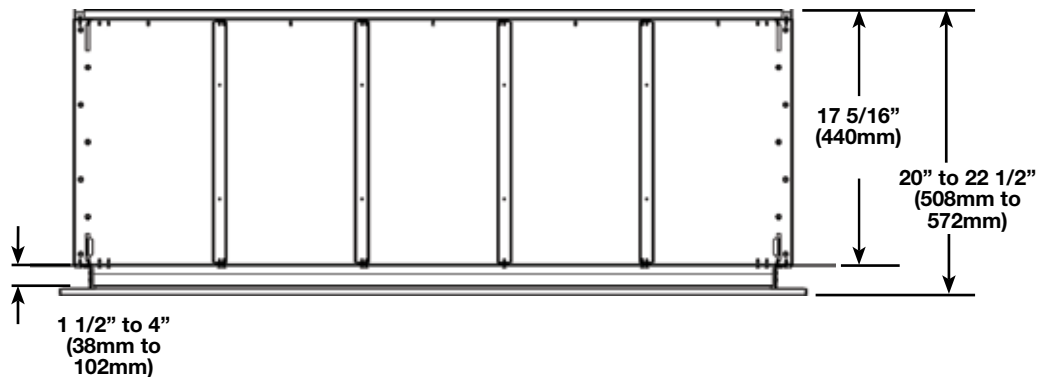
**TOP VIEW  
(without trim)**



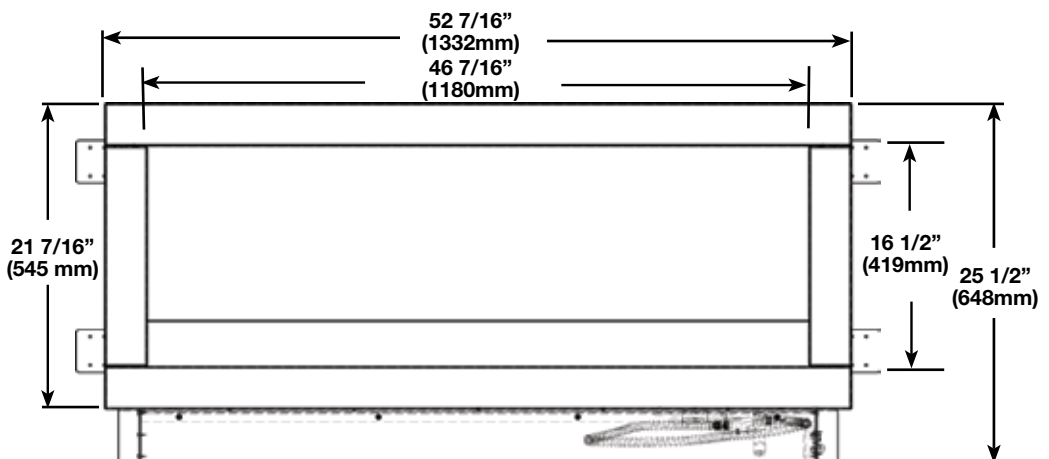
**FRONT VIEW  
(without trim)**



**TOP VIEW  
(with trim)**

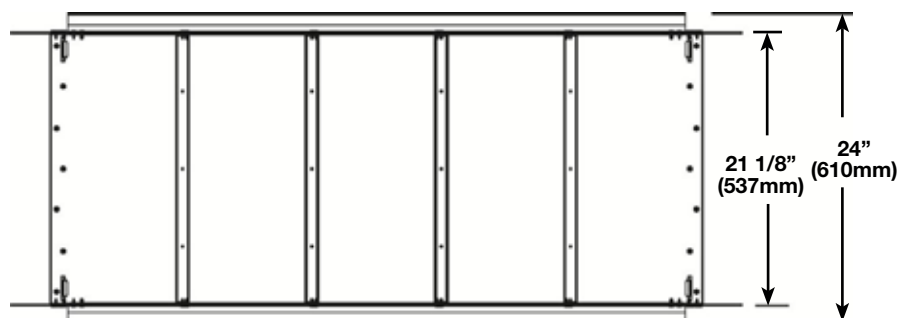


**FRONT VIEW  
(with trim)**

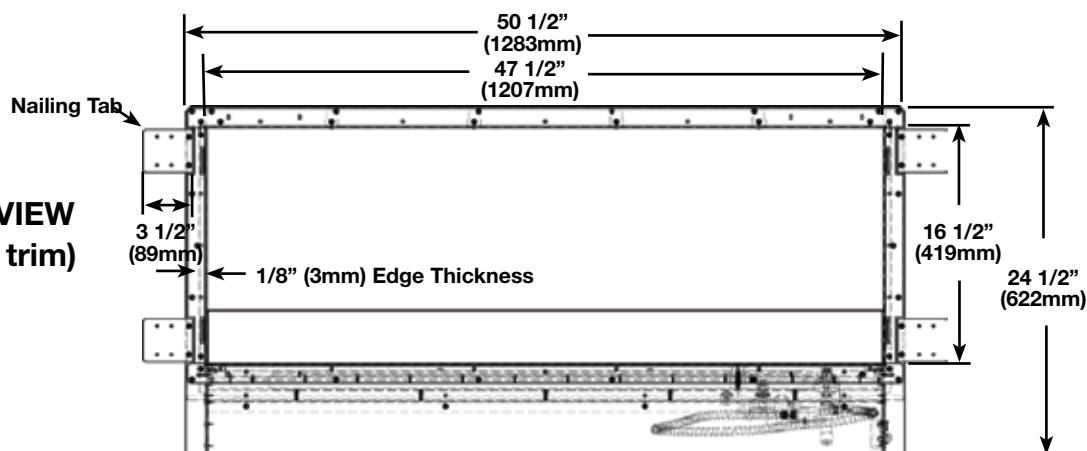




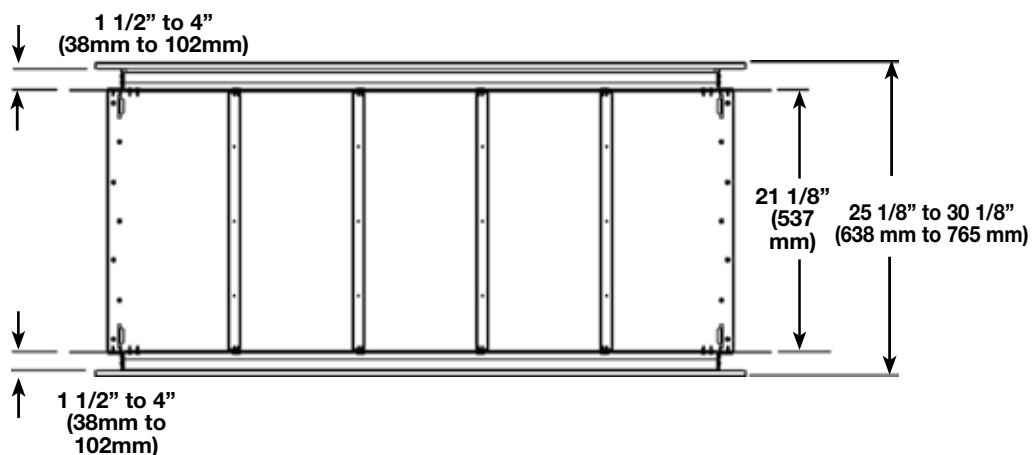
**TOP VIEW**  
(without trim)



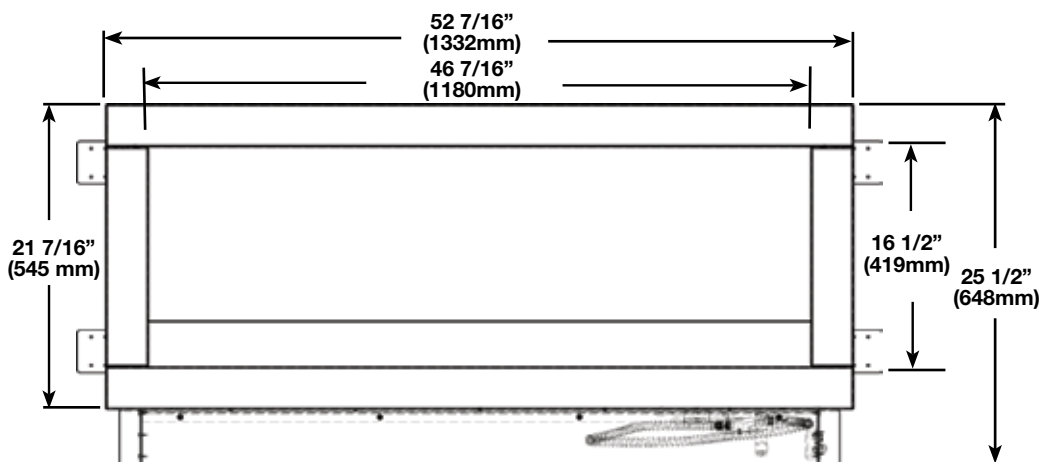
**FRONT VIEW**  
(without trim)



**TOP VIEW**  
(with trim)



**FRONT VIEW**  
(with trim)





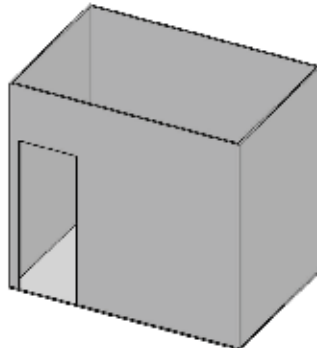
It is important when selecting a location for your appliance to ensure clearances to adjacent combustibles are met. This appliance is intended for installation on an outdoor patio or in your yard. It is highly recommended that this appliance be installed in a sheltered area (following the guidelines outlined below). Direct wind will cause an erratic flame and possible pilot or main burner outage. An erratic flame could also lead to excessive carboning (black soot), which is not a safety issue but is visually undesirable.

**note:**

When choosing a location for your appliance, care must be taken to avoid areas where excessive moisture or running water may be a problem.

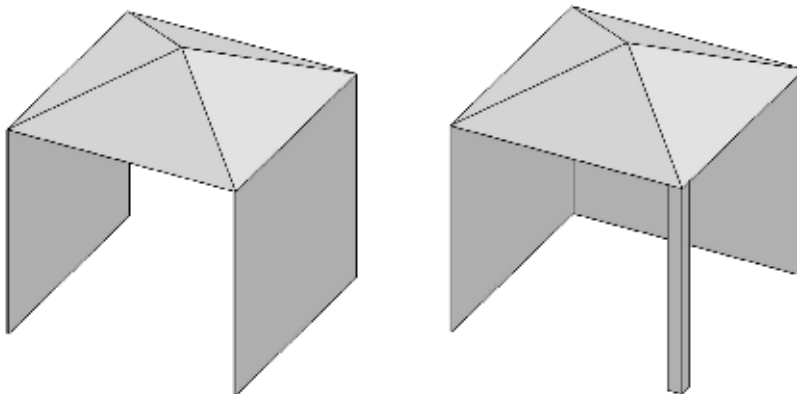
**Any enclosure (shelter) in which the appliance is used must comply with one of the following:**

With walls on all sides, but at least one permanent opening at ground level and no overhead cover (**Fig. 1**).



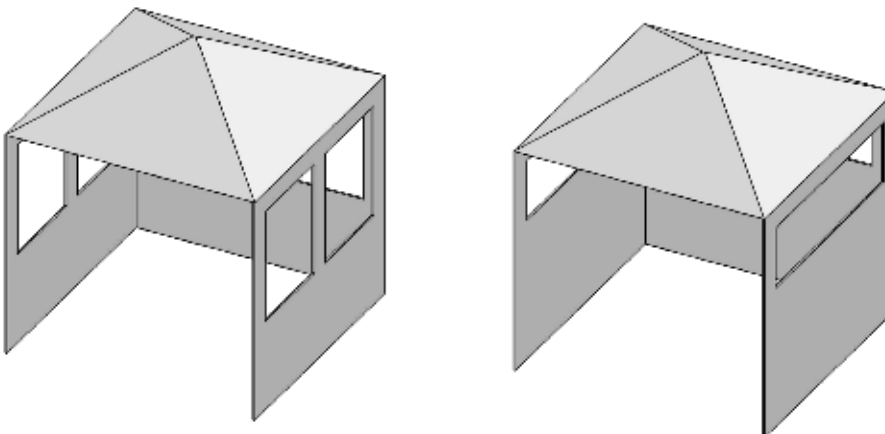
**Fig. 1**

Within a partial enclosure which includes an overhead cover and no more than two sidewalls. These sidewalls may be parallel, as in a breezeway, or at right angles to each other (**Fig. 2**).



**Fig. 2**

Within a partial enclosure which includes an overhead cover and three sidewalls, as long as 30 percent or more of the horizontal periphery of the enclosure is permanently open (**Fig. 3**).



**Fig. 3**



## 4.0 framing

### note:

When using optional finishing accessories, the framing dimensions and finishing materials may differ from what is outlined in the section below; refer to the leaflet instructions supplied in the accessory kit for specific framing and finishing specifications.

### WARNING

- Risk of fire!
- In order to avoid the possibility of exposed insulation or vapour barrier coming in contact with the appliance body, it is recommended that the walls of the appliance enclosure be “finished” (i.e. drywall / sheetrock), as you would finish any other outside wall of a home. This will ensure that clearance to combustibles is maintained within the cavity.
- Do not notch the framing around the appliance stand offs. Failure to maintain air space clearance may cause over heating and fire. Prevent contact with sagging or loose insulation or framing and other combustible materials. Block opening into the chase to prevent entry of blown-in insulation. Make sure insulation and other materials are secured.
- When constructing the enclosure, allow for finishing material thickness to maintain clearances. Framing or finishing material closer than the minimums listed must be constructed entirely of non-combustible materials. Materials consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or any combination thereof are suitable. Materials that are reported as passing ASTM E136, standard test method for behaviour of materials in a vertical tube furnace at 1382°F (750°C) and UL763 shall be considered non-combustible materials.
- Minimum clearance to combustibles must be maintained or a serious fire hazard could result.
- The appliance requires a minimum enclosure height. Measure from the appliance base.
- If steel stud framing kits with cement board are provided, or specified in the installation instructions, they must be installed.
- If specified in the installation instruction, finishing must be done using a non-combustible board, ceramic tile, marble, etc. Do **NOT** use wood or drywall. Any fire rated drywall is **not** acceptable.

It is recommended that the walls of the appliance enclosure be finished. This would ensure that clearance to combustibles is maintained within the cavity. It is best to frame your appliance after it is positioned. Use 2x4's and frame to local building codes.

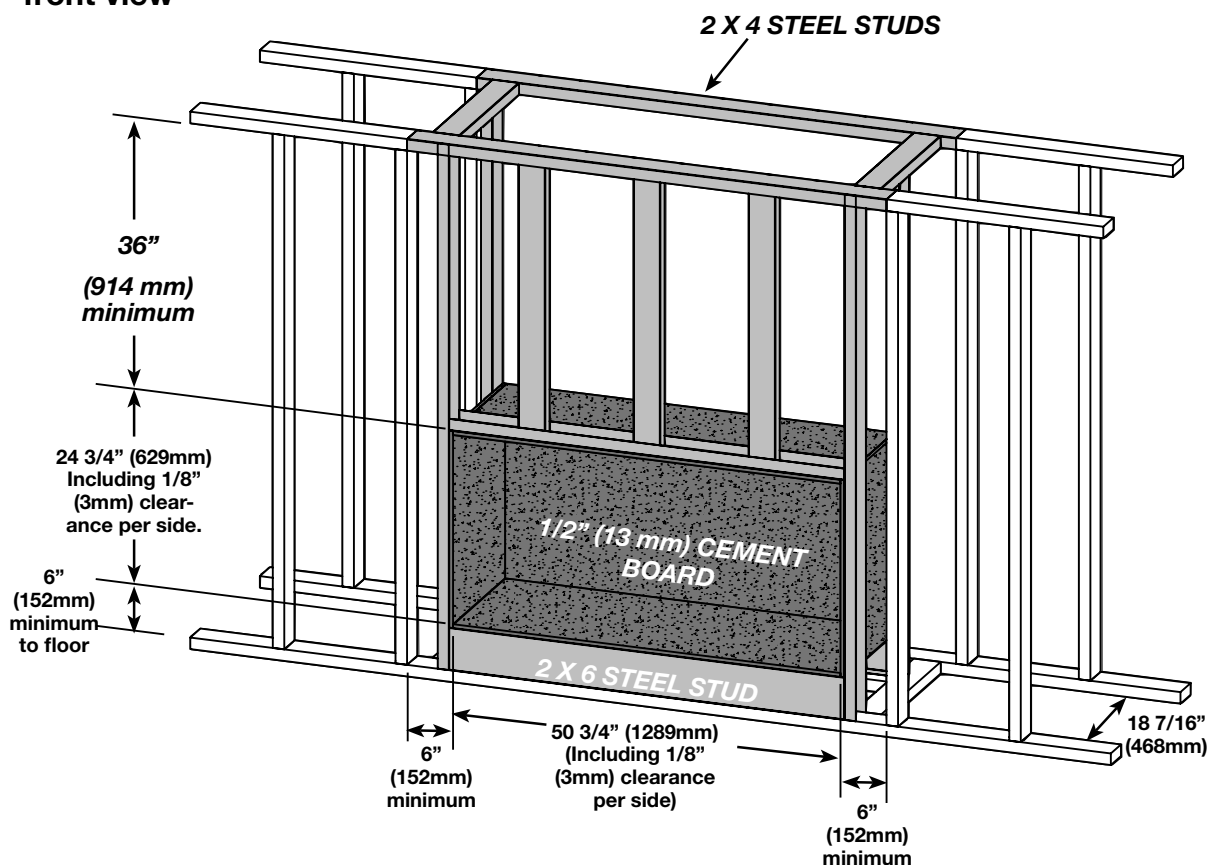


## 4.1 minimum framing dimensions

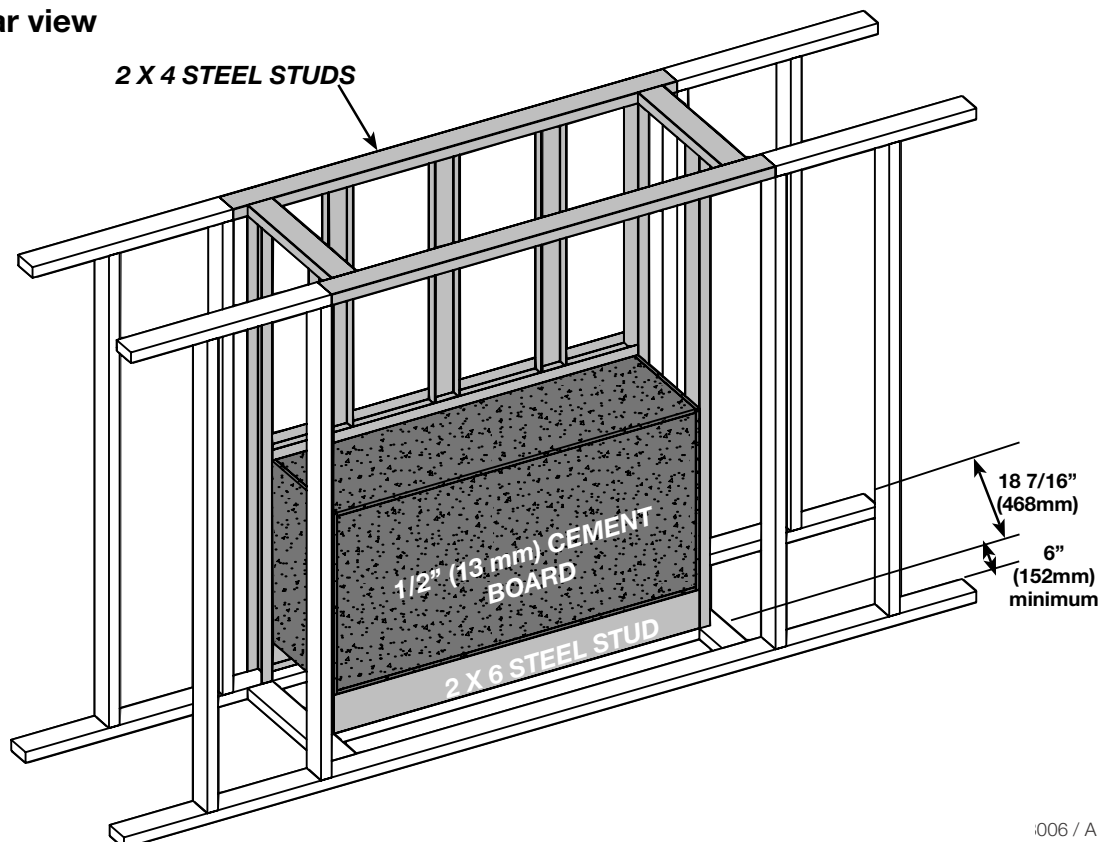
### note:

Minimum clearance to the ceiling does not apply when the appliance is installed with no overhead construction.

### 4.1.1 front view



### 4.1.2 rear view

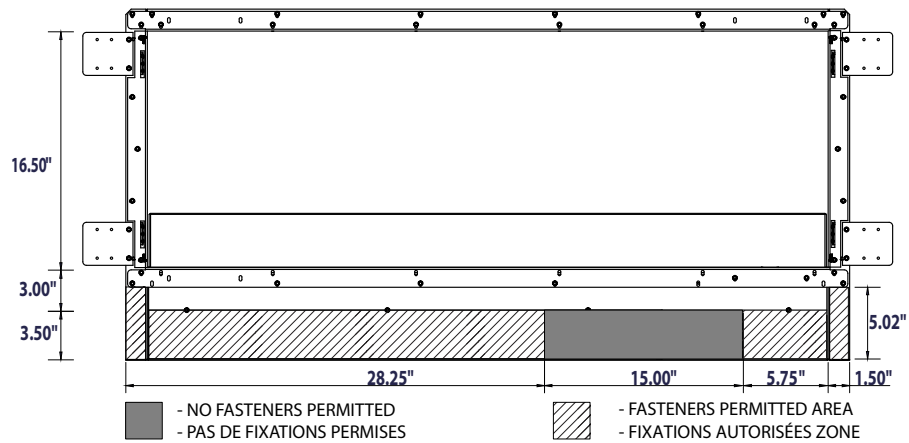




# framing

## 4.2 nailing tabs

To install the appliance face flush with the finished surface, position the framework to accommodate the thickness of the finished surface. Screw the nailing tab to either side of the appliance and secure to the 2 x 4 steel framing. The tabs will facilitate the installation of either a 1/2" (13mm) or 3/4" (19mm) finished surface thickness.

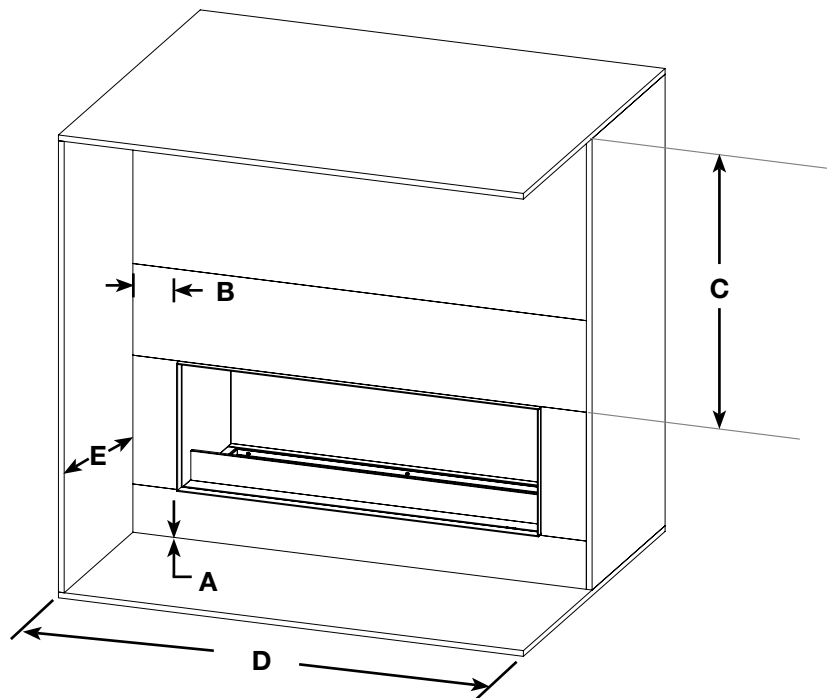


## 4.3 clearance to combustible

### ! WARNING

- Minimum clearance to combustibles must be maintained or a serious fire hazard could result.

Minimum Clearance To Combustibles		
	Clearance	Dimension
A	From Ground or other surface	6" (152 mm)
B	From Sides	6" (152 mm)
C	From Ceiling	36" (915 mm)
D	Alcove Width	60" (1524 mm) Minimum
E	Alcove Depth	24" (610 mm) Maximum





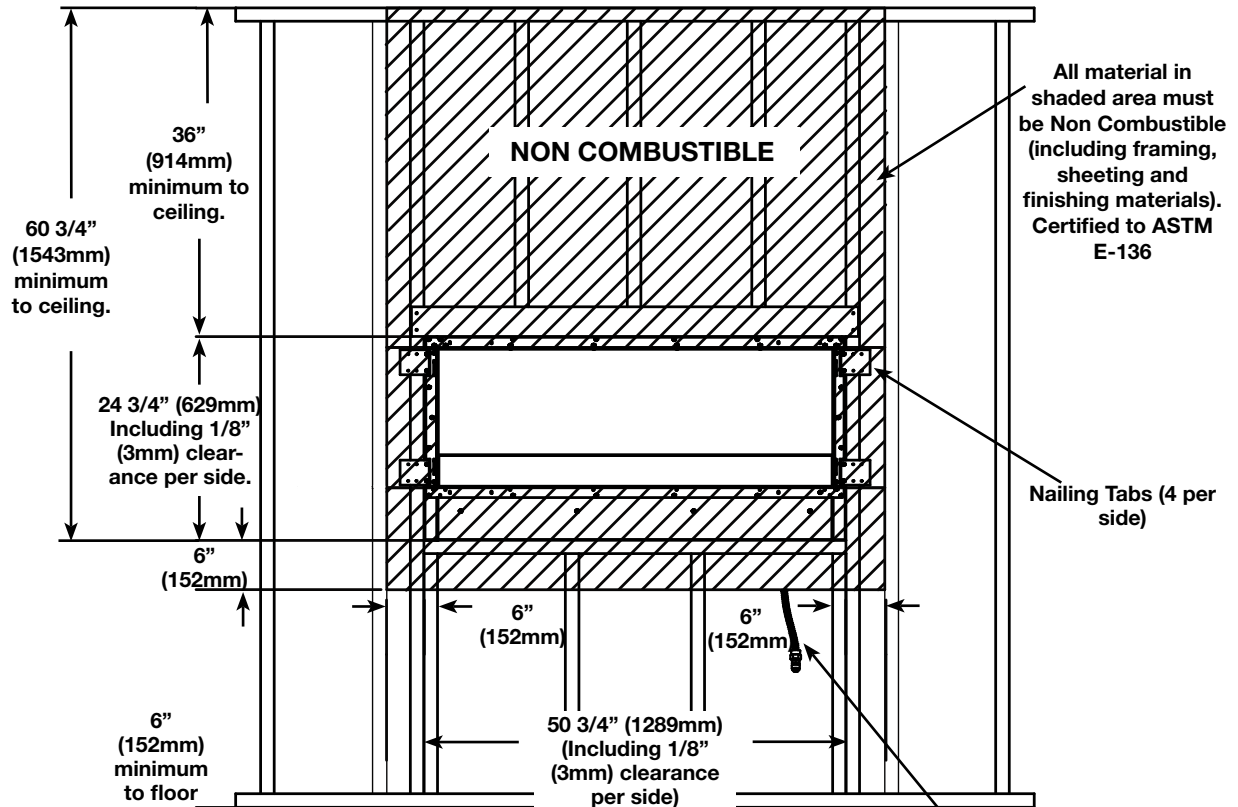




**4.5 minimum enclosure clearances (GSS48STE - see through)**

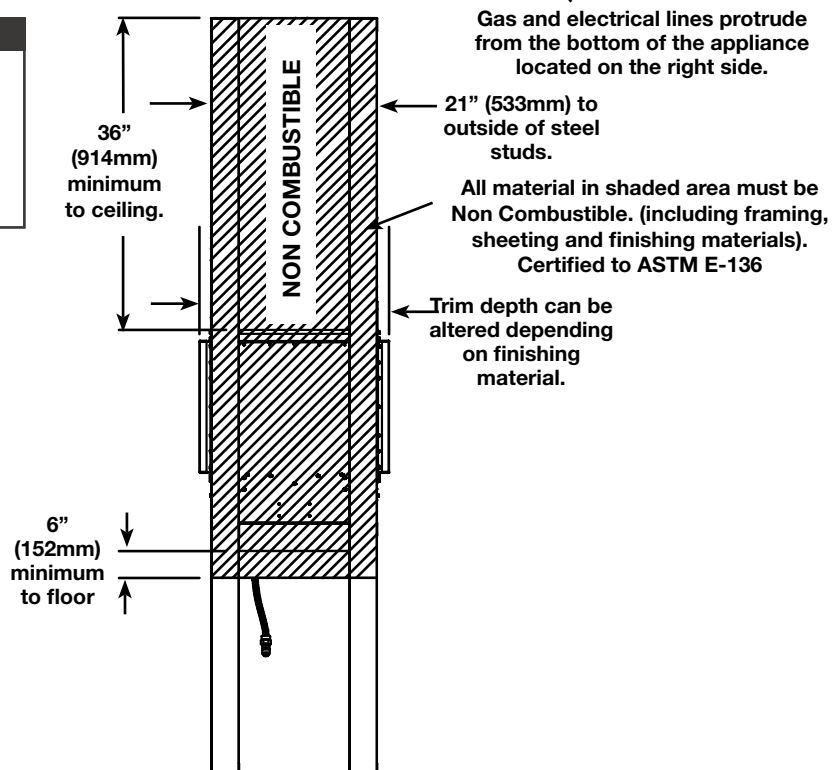
## WARNING

- Use only non-combustible materials (certified to ASTM E-136) such as steel studs, cement board, ceramic tile, marble, paint, etc. When adding finishing materials to the appliance, do not use wood or drywall.
- You must have clear and easy access to the on/off valve AFTER the appliance is installed and connected to the gas supply in order to safely turn off the burner.



**note:**

Ensure complete enclosure is closed to prevent rain and debris from falling on top of the appliance, as well as to ensure no draft will occur through the enclosure.





## 4.6 minimum mantel clearances

### **! WARNING**

- Mantel temperatures will rise above normal temperatures and may be hot to the touch.

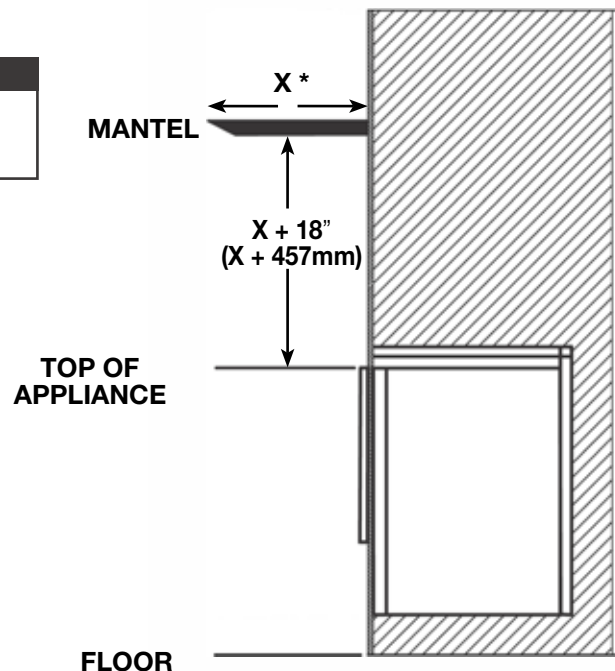
It is recommended that all mantels are made from non-combustible materials. If using combustible materials, follow the chart below.

#### **note:**

When using paint and lacquer to finish the mantel, the paint or lacquer must be heat resistant to prevent discolouration. If using combustible materials, minimum vertical clearance must be determined according to the below diagram.

#### **note:**

\* X is a minimum before combustible mantel can start.



## 4.7 drain installation (recommended)

Although this appliance is designed to operate outdoors safely, rain and other sources of moisture may enter the appliance area, which will cause water to collect inside the base of the appliance within the appliance enclosure. When choosing a location for your appliance, care must be taken to avoid areas where excessive moisture or running water may be a problem.

To prevent moisture or water from collecting underneath the appliance, the builder must provide a means to drain water from under the appliance, before positioning the appliance in its location. It is recommended that a sealed corrosion resistant drain pan with provisions for drainage be positioned underneath the appliance. The drain pan can be constructed from corrosion resistant metal, or other suitable materials such as an ice and water shield membrane. A means of drainage out of the drain pan such as piping or weep holes must also be provided. A slope of 1/4" (6mm) per foot towards the drain port is recommended.

#### **note:**

When planning for the installation of the appliance, the framing height must be increased to accommodate a drain pan and any additional drainage piping required. The appliance must be installed on a level surface to ensure proper drainage.



## 5.0 trim installation (optional)

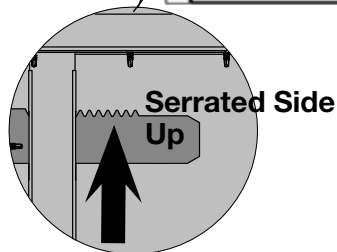
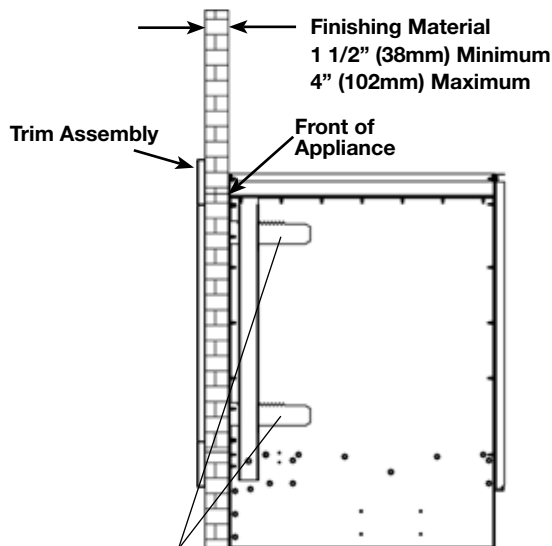
### note:

Most stainless steel parts are supplied with a protective plastic coating that must be removed prior to using the appliance.

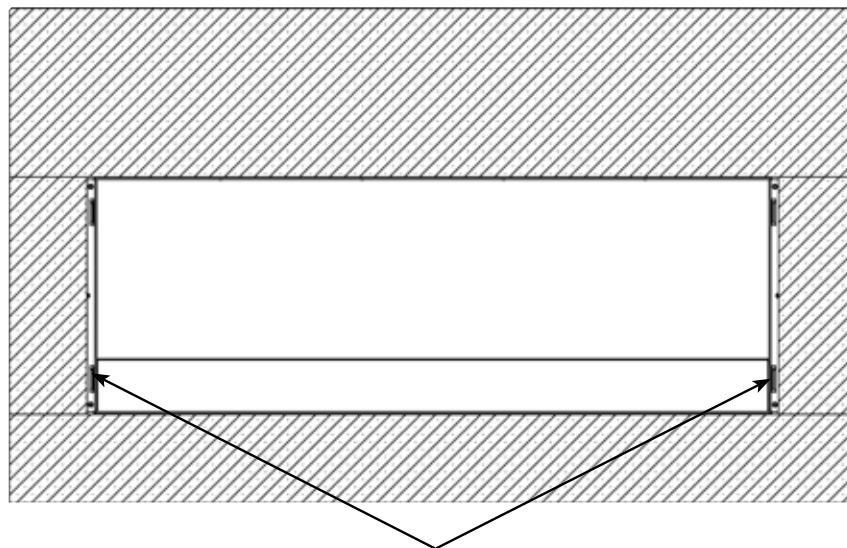
The trim is designed to work with facing materials that protrude between 1-1/2" (38mm) to 4" (102mm) from the front of the appliance.

### SIDE VIEW

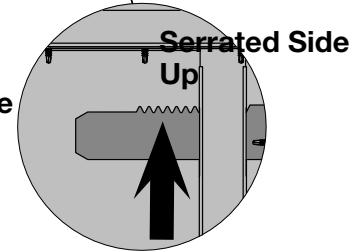
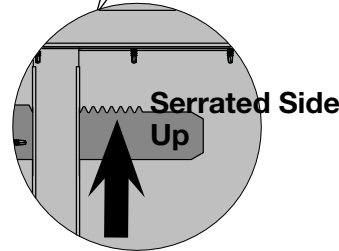
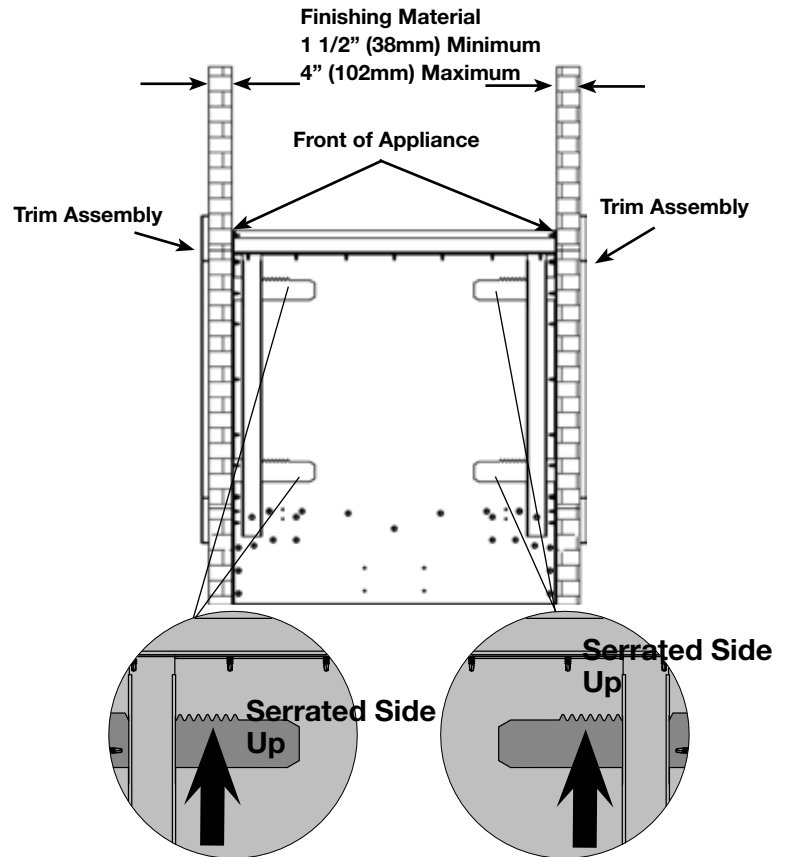
### GSS48E



### FRONT VIEW



### GSS48STE



## ! WARNING

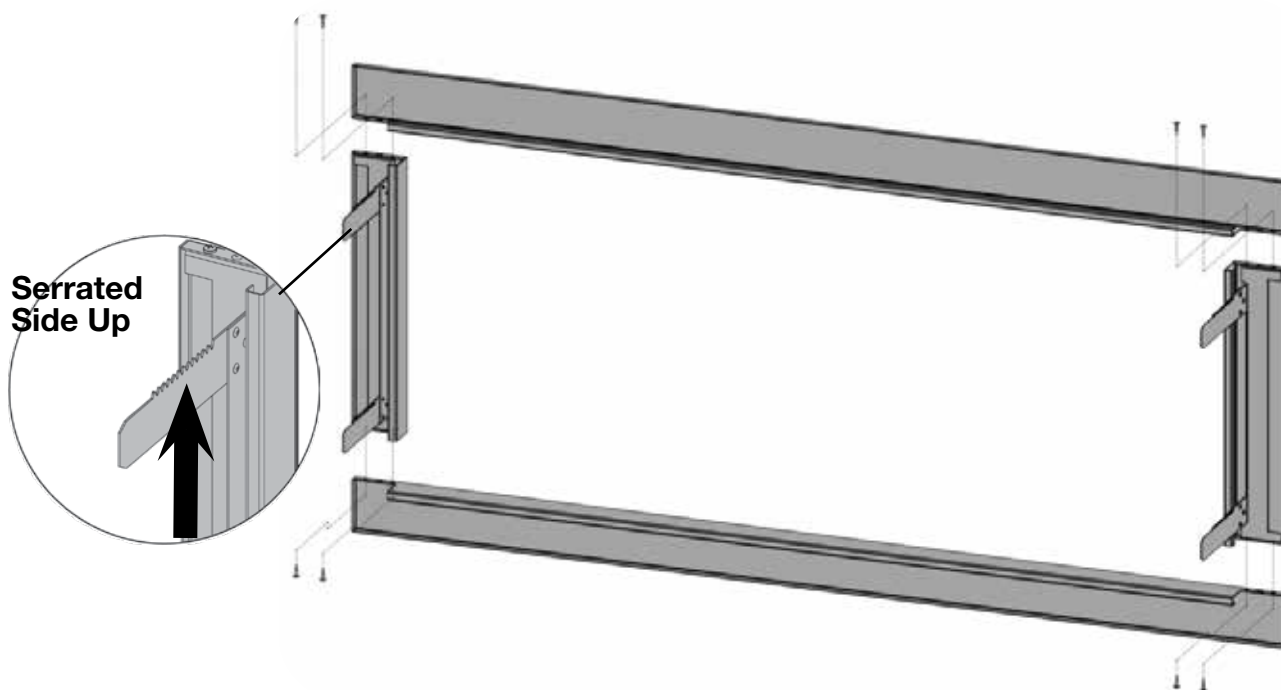
- When installing the optional trim kit, the installer must leave a 5/8" (16mm) gap in between cement board and finishing materials on both sides to allow access to slots for the frame.



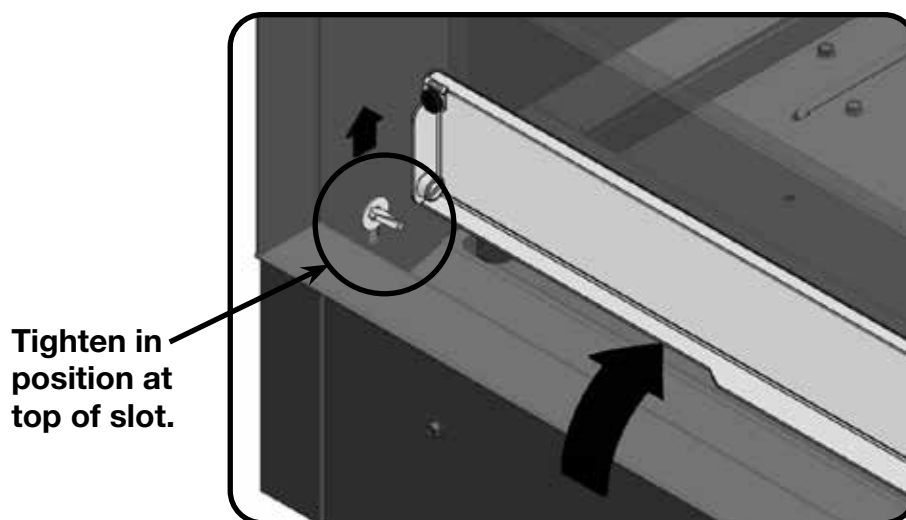
## **! WARNING**

- Assemble the trim pieces on a clean, non-abrasive surface to avoid damaging the stainless steel finish.

1. Peel protective coating from front trim pieces.
2. Assemble the trim pieces using (8) #8-32 x 3/8" screws as illustrated.



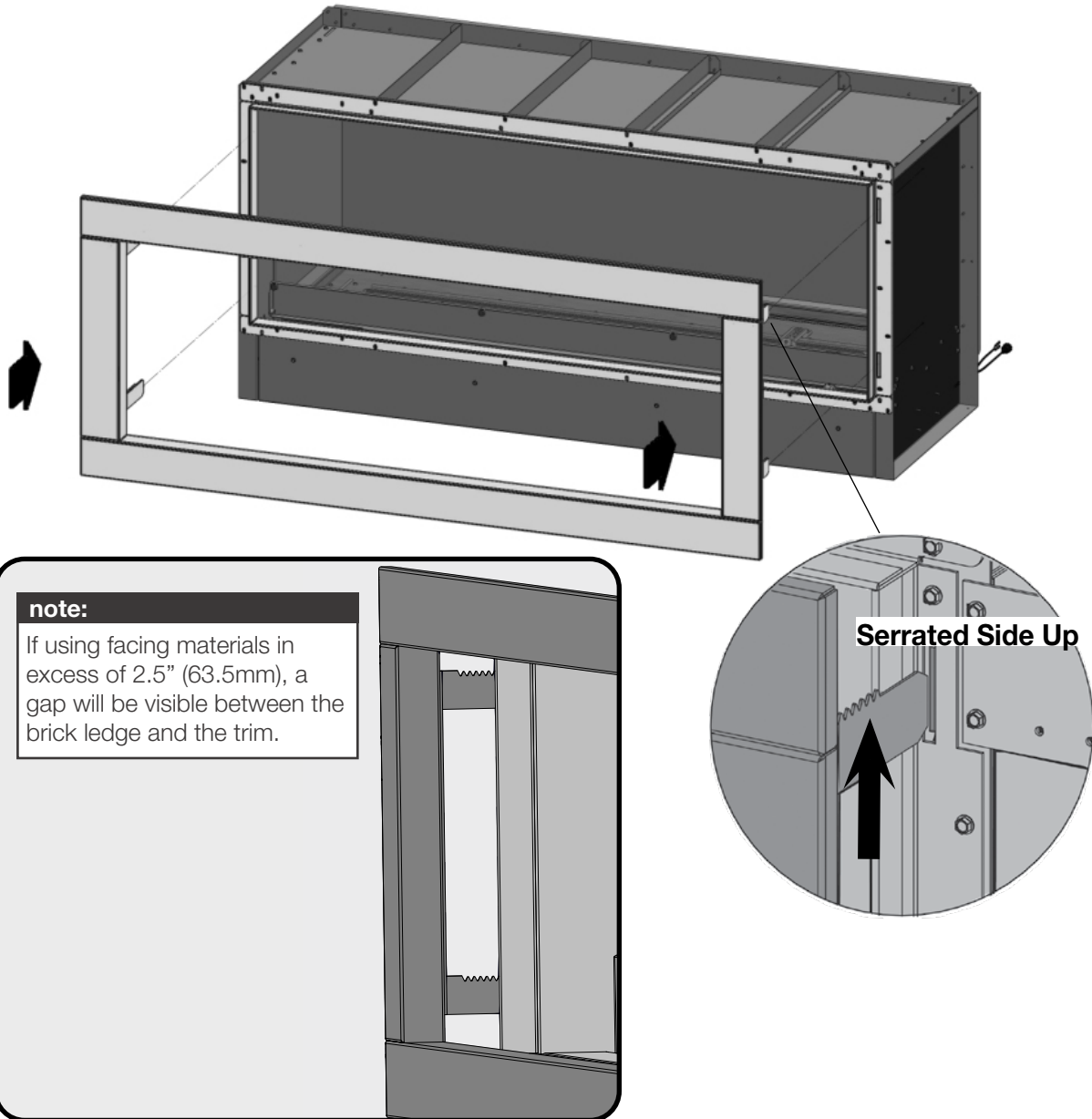
3. Open the front access door on the appliance and loosen the thumb screws. Do not remove. Lift up on the thumb screws and tighten in position at top of slot.



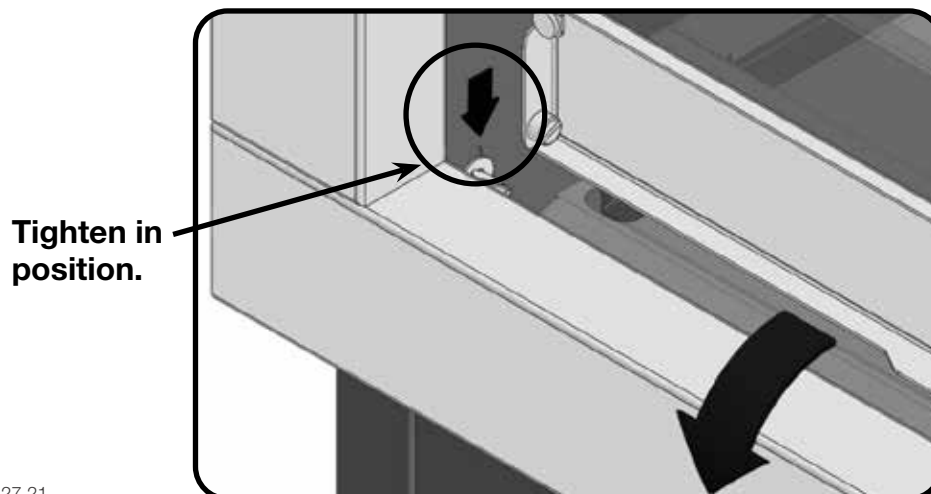


## trim installation (optional)

- Line up the brackets on the trim with the slots on the side of the base and insert as illustrated pushing until trim sits flush against front surface. The brackets have been designed with multiple slots (1/4" [6mm]) increments to accommodate different finishing materials.



- Loosen the thumb screw and lower until it stops. Re-tighten the thumb screw and close the access door.





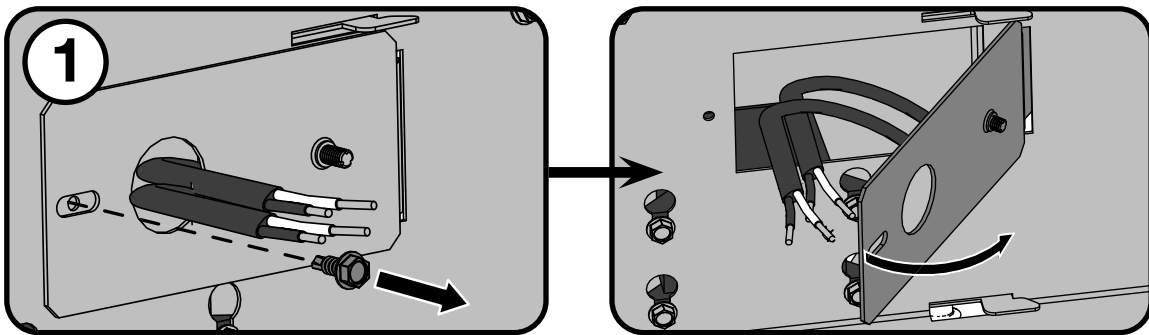
## 6.1 hard-wiring installation

### **! WARNING**

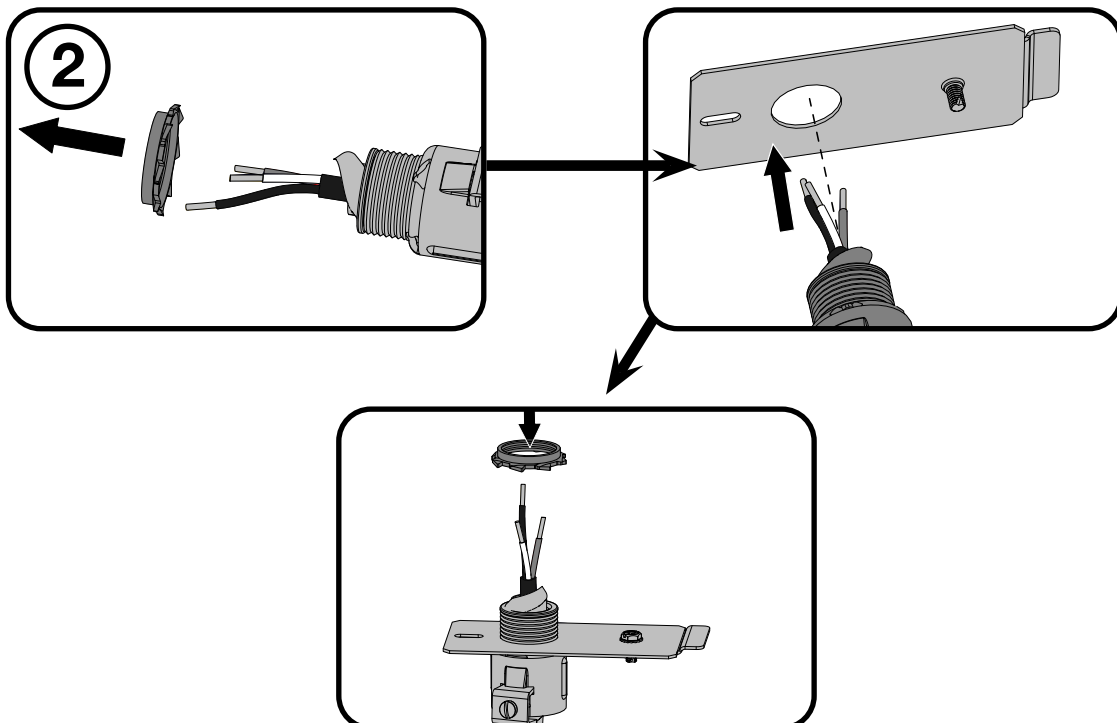
- Use only a Ground Fault Interrupter (GFI) protected circuit with this outdoor gas appliance.
- Ensure that all power sources have been shut off prior to beginning any electrical work.
- Do not use this appliance if any part has been under water. Call a qualified service technician immediately to have the appliance inspected for damage to the electrical circuit.
- Risk of electrical shock or explosion. Do not wire 110v to the valve or to the appliance wall switch. Incorrect wiring will damage controls and is not covered by the warranty.
- All wiring should be done by a qualified electrician and shall be in compliance with local codes. In the absence of local codes, use the current CSA22.1 Canadian Electrical Code in Canada or the current National Electrical Code ANSI/NFPA No. 70 in the United States.

A qualified electrician must remove the cord connection and wire the appliance directly to the household wiring. This appliance must be electrically connected and grounded in accordance with local codes, if hardwired. In the absence of local codes, use the current CSA C22.1 Canadian Electrical Code in Canada or the current ANSI/NFPA No. 70 in the United States.

1. Remove the junction plate from the right side bottom of the appliance by removing the screw (N570-0008).



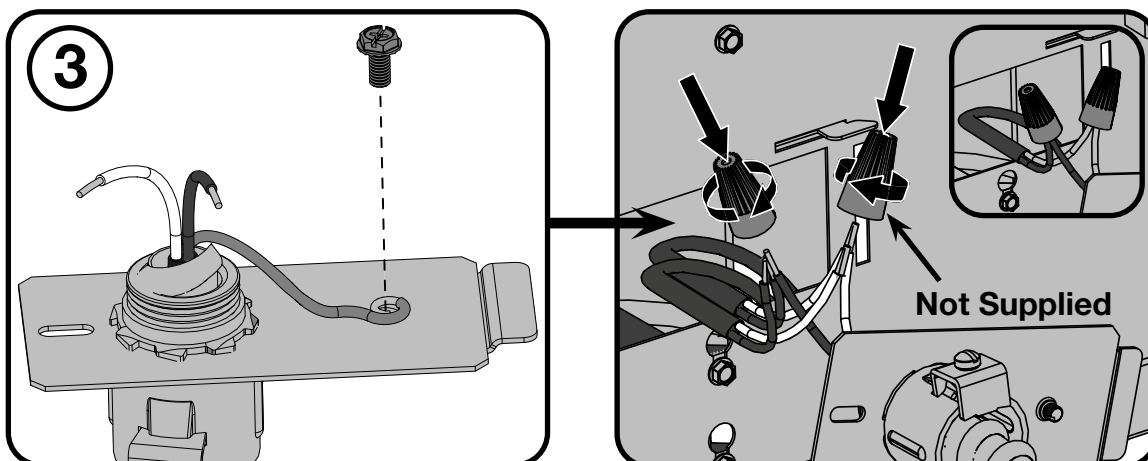
2. Install the box connector through the 7/8" (22.2mm) hole and into the junction plate.



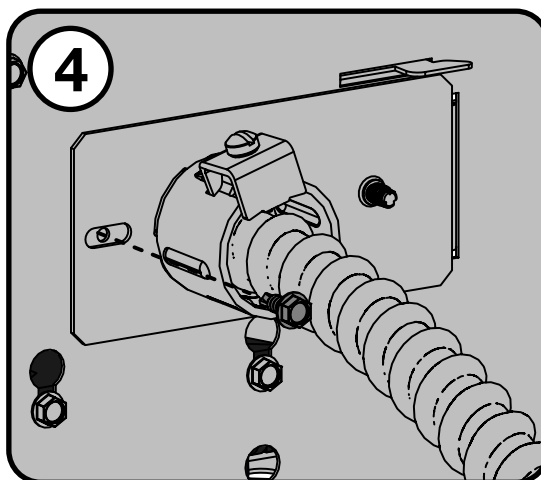


## electrical information

3. Connect the ground green wire to the junction plate using the grounding screw (W570-0098). Using the wire connectors, connect the common white wires together, then the hot black wires.



4. Re-install the cover plate using the screw (N570-0008), as shown.





6.2 wiring diagram

**! WARNING**

- Do not wire 110 volts to the valve or wall switch.

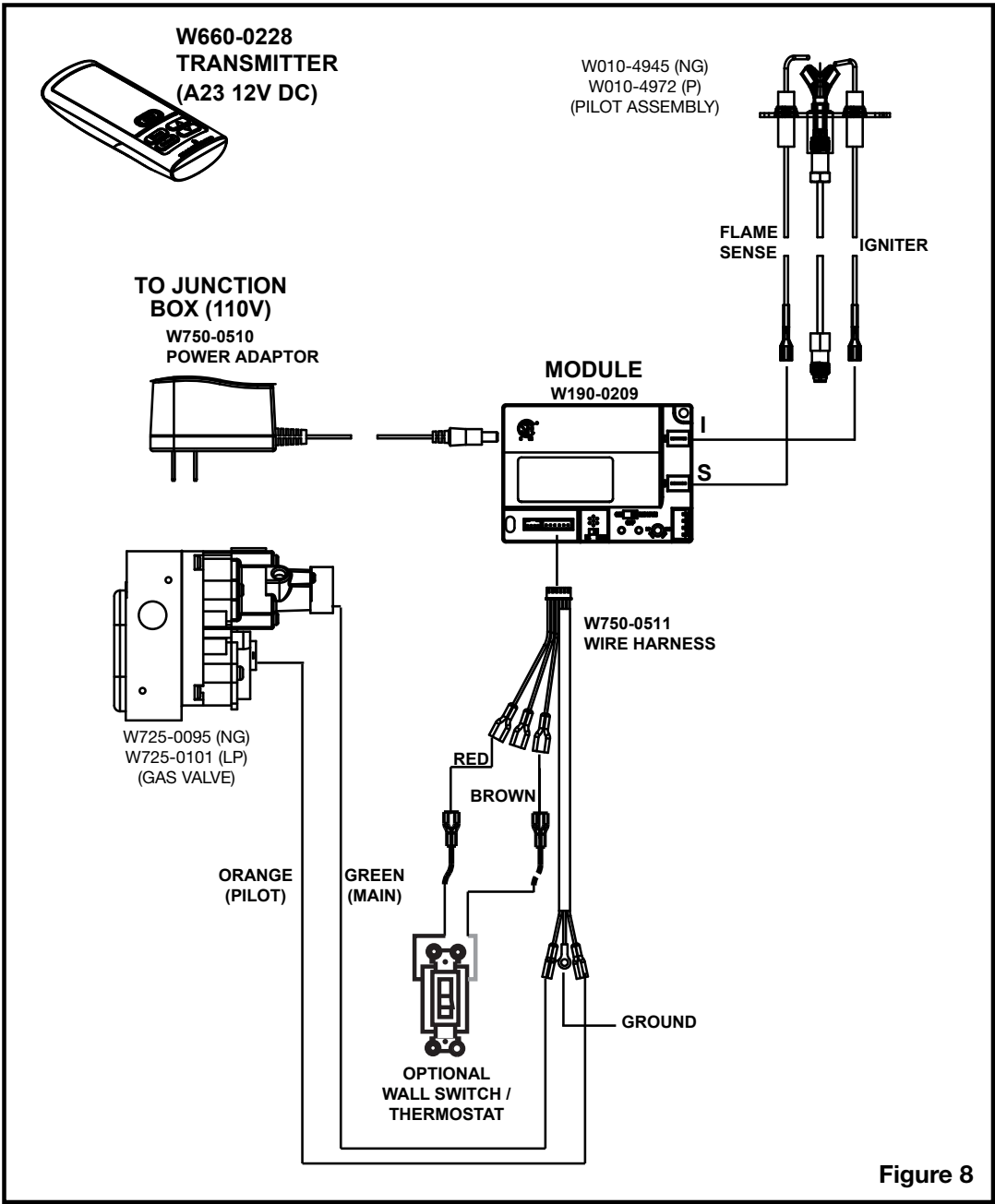


Figure 8

6.3 LED light wiring diagram

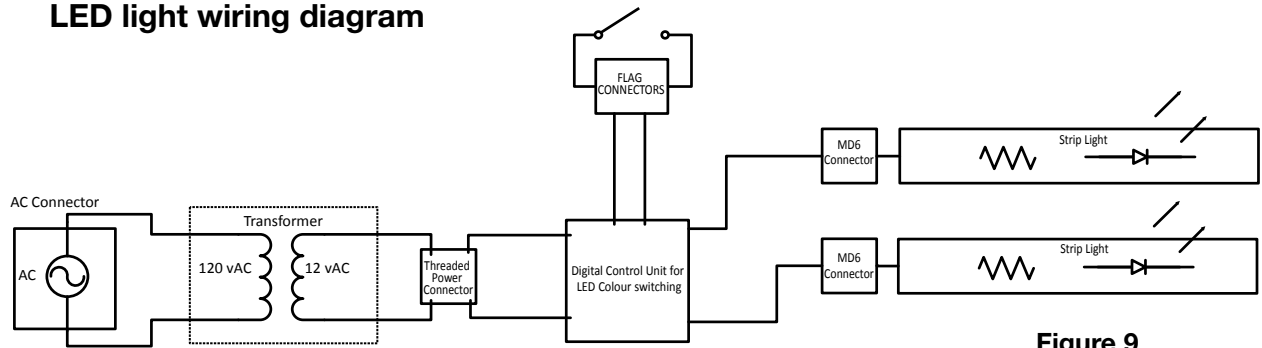


Figure 9



# electrical information

## 6.4 transmitter installation and operation

A transmitter comes standard with this appliance and can be found in the manual baggie. This control is designed to turn your appliance “ON” and “OFF”.

Placement of the transmitter may affect performance. This control should be in the same space as the appliance and used to operate the appliance only when it is within sight. The control must be placed within 30 feet of the appliance and under weather resistant cover when used in exterior applications.

### WARNING

- Risk of burns! Ensure appliance is cool before starting this process.

#### Initializing the transmitter for the first time:

- Remove the battery cover from the back of the transmitter and install A23 battery as indicated (+/-)
- Locate the control module in the appliance (**Figure 10**).
- Move the ON/OFF/REMOTE selector switch to the REMOTE position. Control module will beep once when ready (**Figure 9**).
- Using a small item (such as a paper clip) press and release the “LEARN” button located near the selector switch (**Figure 9**).
- The control module will beep once and the “STATUS” light will blink green for 10 seconds.
- While the light is blinking, press the power button on the transmitter. The module will beep twice to indicate that the connection is successful.

#### note:

To clear the memory of the control module, use a paper clip to press and release the “LEARN” button. The module will beep once and the “STATUS” light will blink green for 10 seconds. Do not press any buttons on the transmitter during this period and the memory will be cleared.

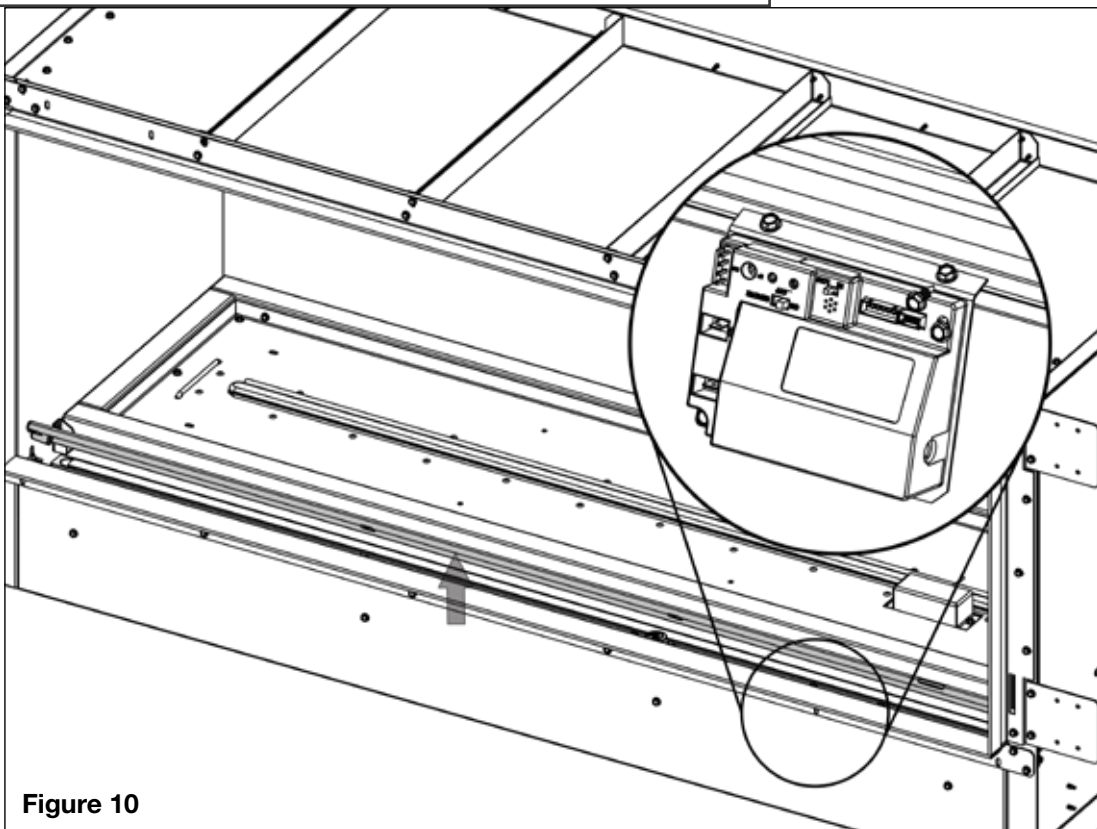
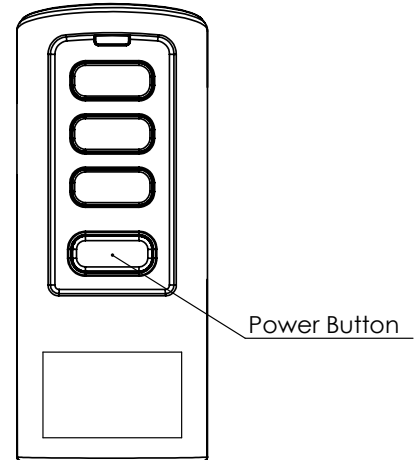


Figure 10



## 6.5 control module operation

### ! WARNING

- **Risk of Explosion! DO NOT** reset the module more than once within a five-minute time period. Gas may accumulate in firebox. Call a qualified service technician.

1. The control module has an ON/OFF/REMOTE selector switch that must be set (see Figure 9).

**OFF Position:** Appliance will ignore all power inputs and will not respond to any commands from a wall switch or transmitter. The unit should be in the OFF position during installation, service, fuel conversion, and if the control goes into LOCK-OUT mode as a result of an error code.

**ON Position:** Appliance will ignite and run continuously. This mode of operation is primarily used for initial installation.

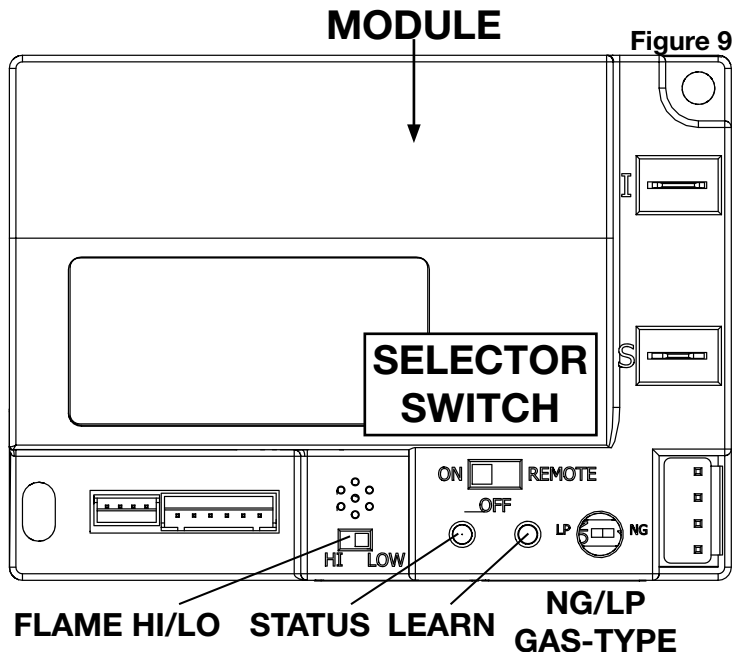
**REMOTE Position:** Appliance will initiate commands from an optional wall switch and/or the wireless transmitter.

2. If you intend to use both an optional wired wall switch and the transmitter to operate your fireplace, the wall switch will override any commands given by the transmitter.

3. **Module Reset:** This module may lock-out under certain conditions. When this occurs, the appliance will not ignite or respond to commands. The module will go into lock-out mode by emitting three audible beeps, then continuously displaying a RED/GREEN error code at its status indicator LED.

- Turn the gas manual shut-off valve clockwise to the “OFF” position. (Shut-off valve is located on the flex connector).
- Set the module selector switch to the OFF position.
- Wait five (5) minutes to allow possible accumulated gas to clear.
- Turn the manual shut-off valve counterclockwise to the “ON” position
- Set the module selector switch to ON or REMOTE position.
- Start the appliance.

4. **Setting the Child Lock:** Slide the battery cover down from the back of the transmitter. Slide the child lock switch to enable or disable the child lock feature.



#### note:

No functions will be usable until child lock feature is disabled.

## 6.6 LED light operation

Your appliance has been equipped with an LED (light) strip which is programmed with three colour modes. Plug the LED power supply into a GFI protected electrical outlet.

Turn on the light switch located under the access panel and toggle the switch off and on to cycle through the desired mode.

**Mode 1** - Simulated white.

**Mode 2** - Continuous 2 colour shift. Takes 8-10 seconds to smoothly ramp up one colour to 100%, as the other fades off from 100% to 0. Continually shifts in colour (17 seconds per colour, up and back down).

**Mode 3** - Freeze Mode Colour stops the colour shift on whichever colour it was on in Mode 2 at the time it was turned off; does not continue to shift.

#### note:

Switch off for 10 seconds to reset to beginning colour mode.



## 7.0 gas installation

### WARNING

- Risk of fire, explosion or asphyxiation. Ensure there are no ignition sources such as sparks or open flames.
- The installation must be performed by a licensed gas fitter, and all connections must be leak tested before operating the appliance.
- All gas connections must be contained within the appliance when complete.
- High pressure will damage the valve. Disconnect gas supply piping before testing gas line at test pressures above 1/2 psig.
- Connect the gas supply in accordance to local codes. In the absence of local codes, install to the current CAN/CSA B149.1 Installation Code in Canada or to the current National Fuel Gas Code, ANSI Z223.1/NFPA 54 in the United States.
- Leak test all the connections by brushing on a soap and water solution. These connections can be accessed by removing the burner.

### 7.1 gas hook-up

#### Installation and servicing to be done by a qualified installer.

- Move the appliance into position and secure.
- If equipped with a flex connector, the appliance is designed to accept a 1/2" (13mm) gas supply. Without the connector, it is designed to accept a 3/8" (9.5mm) gas supply. The appliance is equipped with a manual shut off valve to turn off the gas supply to the appliance.
- Connect the gas supply in accordance to local codes. In the absence of local codes, install to the current CAN/CSA-B149.1 Installation Code in Canada or to the current National Fuel Gas Code, ANSI Z223.1 / NFPA 54 in the United States.
- When flexing any gas line, support the gas valve so that the lines are not bent or kinked.
- The gas line flex-connector should be installed to provide sufficient movement for shifting the burner assembly on its side to aid with servicing components.
- Check for gas leaks by brushing on a soap and water solution. **Do not use open flame.**

After installing the electrical wiring and gas lines, ensure to test the appliance before finishing the framing and finishing the appliance. **Purge the gas supply line of any trapped air prior to the first firing of the appliance.**

**Your appliance can be converted to use propane gas using the certified conversion kit.**

### 7.2 propane cylinder specifications

### WARNING

- If these instructions are not followed exactly, a fire causing death or serious injury may occur.
- A fire will result if the gas supply hose makes contact with the underside of the appliance.

A dented or rusty cylinder may be hazardous and should be checked by your propane supplier. Never use a cylinder with a damaged valve. The propane gas supply cylinder must be constructed and marked in accordance with the U.S. D.O.T. Specifications for Propane Gas Cylinders or the Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Good and Commission, CAN/CSA-B339, as applicable.

This appliance has been designed for use with a 20lb (9.1kg) or 30lb (13.6kg) size propane cylinder only (not supplied).

The propane gas supply cylinder must be provided with a cylinder-connection device compatible with the connection for the appliance. The propane cylinder must be provided with a shut-off valve terminating in a propane cylinder valve type QCC1, and a safety relief device having direct communication with the vapour space of the cylinder. The cylinder supply system must be arranged for vapour withdrawal and the cylinder shall include a collar to protect the cylinder valve. The propane gas cylinder must be provided with a listed overfill protection device (OPD). Do not store a spare propane gas cylinder under or near this appliance. Never fill the cylinder beyond 80 percent full.

Use only the pressure regulator and hose assembly provided with this appliance. Replacement pressure regulators and hose assemblies must be specified by the manufacturer. The regulator supplies a pressure of 11 inches water column to the appliance and has a QCC1 type fitting. Cylinders to be used with this appliance must be supplied with QCC1 cylinder valve. A QCC1 cylinder has a positive seating connection, which will not allow gas flow until a positive seal has been achieved. It is also equipped with an excess flow device. In order to attain full flow to the appliance, the valve must be in the off position when the cylinder valve is turned on.



## 7.3 propane gas cylinder mounting

To prevent the propane gas cylinder from tipping over, ensure the cylinder support ring is on a level surface. Place the cylinder into the support ring and tighten the thumb screw to secure.

### 7.3.1 propane cylinder retaining bracket

#### WARNING

- Make sure the cylinder valve is in its full off position (turn clockwise to stop).
- Check cylinder valve features to ensure it has proper external mating threads (Cylinder valve marked: USE WITH TYPE 1).
- Inspect hose shipped with the appliance for damage. Never attempt to use damaged or plugged equipment. See your local propane gas dealer for repairs.
- When connecting regulator assembly to the cylinder valve, hand tighten black QCC1 nut clockwise to a positive stop. DO NOT use a wrench to tighten. Use of a wrench may damage the quick closing coupling nut and result in a hazardous condition.
- Locate the hose out of pathways where people may trip over it or in areas where the hose may be subject to accidental damage.
- Open cylinder valve fully (counter-clockwise). Turn the on/off valve at the appliance slowly to the on position and use a soapy water solution to check all connections for leaks as indicated in the diagrams before attempting to light the appliance. If a leak is found, turn tank valve off and do not use the appliance until repairs can be made.

1. Fasten the bracket to the bottom of the propane bottle using the bolt and nut supplied.
2. Tighten the lag screw into the mounting surface leaving approximately 1/4" (6mm) of thread above the surface.
3. Slide the propane bottle into position so that the bracket slides under the head of the lag screws.
4. Tighten the lag screw onto the bracket.
5. For fastening to a concrete surface, a concrete anchor will be required (not supplied).

**Cylinder Connection:** Ensure the gas regulator hose is kink free. Remove the cap or plug from the cylinder fuel valve. Insert the black QCC1 regular nipple onto the QCC1 fuel valve. Hand tighten clockwise. Do not use tools. Leak test all joints prior to using the appliance. A leak test must be performed annually and each time a cylinder is hooked up or if a part of the gas system is replaced.

**If the appliance is to be connected directly to a house propane gas supply line, follow the instructions for the natural gas hook-up.**





# gas installation

## 7.4 enclosures for propane gas supply systems

If you build an enclosure for a propane gas cylinder, follow these recommended specifications. You must also follow local codes.

- An enclosure for a propane gas cylinder shall be ventilated by openings at both the upper and lower levels of the enclosure.

This shall be accomplished by one of the following:

- One side of the enclosure shall be completely open; or
- For an enclosure having four sides, a top and a bottom:

a) At least two ventilation openings shall be provided in the sidewalls of the enclosure, located within 5" (127mm) of the top of the enclosure, equally sized, spaced at a minimum of 90° (1.57 rad), and unobstructed. The opening(s) shall have a total free area of not less than 1in<sup>2</sup> per lb (14.2cm<sup>2</sup>/kg) of stored fuel capacity.

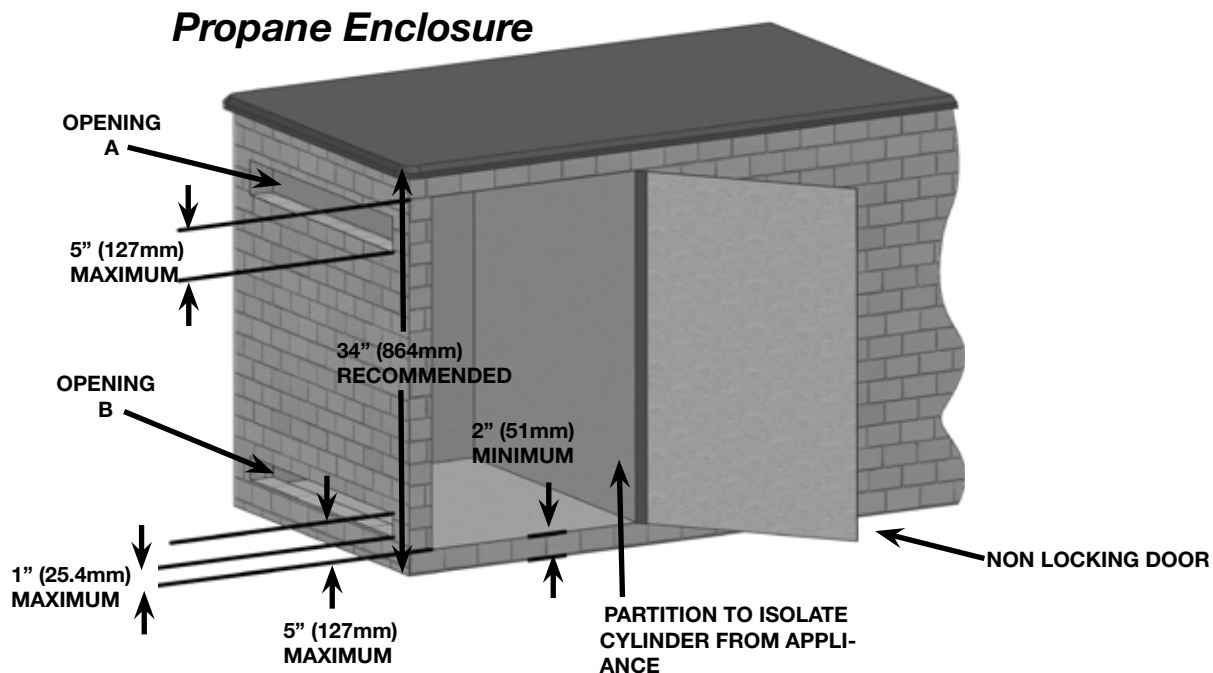
b) Ventilation opening(s) shall be provided at floor level of the enclosure and shall have a total free area of not less than 1/2in<sup>2</sup> per lb (7.1cm<sup>2</sup>/kg) of stored fuel capacity. If ventilation openings at floor level are in a side wall, there shall be at least two openings. The bottom of the openings shall be 1" (25.4mm) or less from the floor level and the upper edge no more than 5" (127mm) above the floor level. The openings shall be equally sized, spaced at a minimum of 90° (1.57 rad), and unobstructed.

c) Every opening shall have minimum dimensions so as to permit the entrance of a 1/8" (3.2mm) diameter rod.

Ventilation openings in sidewalls shall not communicate directly with other enclosures of the appliance. Cylinder valves shall be readily accessible for hand operation. A door on the enclosure to gain access to the cylinder valve is acceptable, provided it is non-locking and can be opened without the use of tools. Designs using a cover to gain access to the cylinder and cylinder valve shall be provided with handles or equivalent at a minimum of 180° apart to facilitate lifting of the cover. There shall be a minimum clearance of 2" (50.8mm) between the lower surface of the floor of the propane gas cylinder enclosure and the ground. The design of the enclosure shall be such that (1) the propane gas supply cylinder(s) can be connected, disconnected and the connections inspected and tested outside the cylinder enclosure; and (2) those connections which could be disturbed when installing the cylinder(s) in the enclosure can be leak tested inside the enclosure. The enclosure for the propane gas cylinder shall isolate the cylinder from the burner compartment to provide:

- Shielding from radiation;
- A flame barrier; and
- Protection from foreign material.

**Be certain to mount or set the propane gas cylinder on a flat surface and restrain it using a cylinder restraining bracket to prevent it from tipping.**



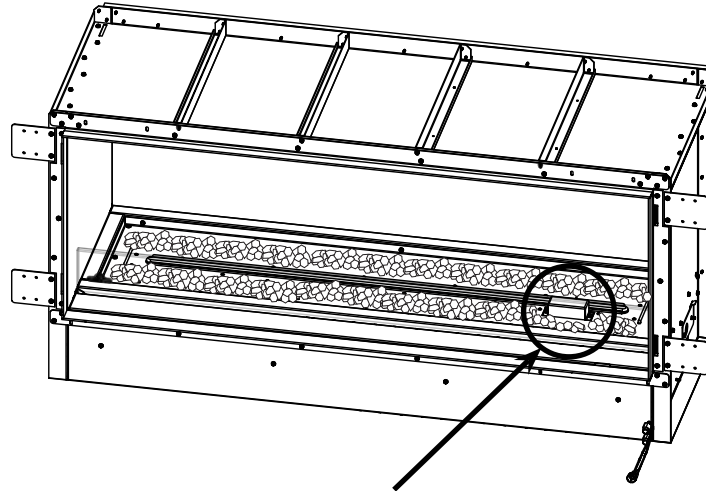
CYLINDER SIZE	OPENING A AREA	OPENING B AREA
20 lb (9.1kg)	20in <sup>2</sup> (130cm <sup>2</sup> )	10in <sup>2</sup> (65cm <sup>2</sup> )
30 lb (13.6kg)	30in <sup>2</sup> (195cm <sup>2</sup> )	15in <sup>2</sup> (100cm <sup>2</sup> )



### 8.1 glass ember installation

#### WARNING

- Do not use the appliance without the glass embers in place.
  - Glass embers may have sharp edges. Wear safety glasses and gloves when handling. Do not change or substitute the glass ember material provided with this appliance. If replacing, use only replacement glass embers available from your local authorized dealer/distributor.
  - Glass embers may have a fine oil residue that needs to be cleaned prior to installation. Clean the glass with mild dish soap, drain, rinse thoroughly, and dry before installing.
1. Carefully pour the glass embers onto the appliance ember tray as shown.
  2. Spread the glass embers over the tray and burner. The distribution of clear glass over the burner will influence flame height.
  3. The glass embers must cover the mesh area of the burner tray while ensuring no glass is placed on the ignition portion of the burner as illustrated below.



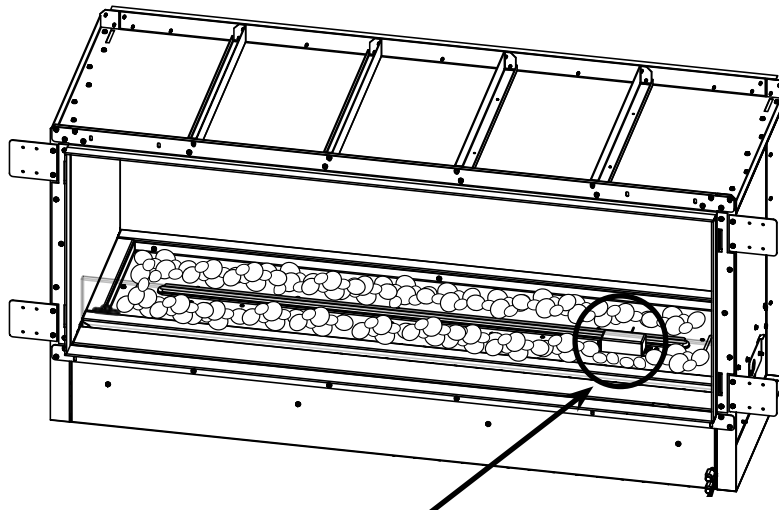
**ENSURE NO GLASS IS PLACED ON THE IGNITION PORTION OF THE BURNER, DIFFICULTIES IN LIGHTING MAY RESULT.**

### 8.2 rock kit installation (optional)

#### WARNING

- Real rocks must not be used in this appliance. Heat will cause them to explode.

Replace the refractory rocks on top of the glass ember bed and around the burner tray as desired, making sure not to cover any burner ports or the ignition portion of the burner.



**ENSURE NO ROCK IS PLACED ON THE IGNITION PORTION OF THE BURNER, DIFFICULTIES IN LIGHTING MAY RESULT.**



## 9.0 operation

### WARNING

- If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury, or loss of life.
- If applicable, always light the pilot whether for the first time or if the gas supply has run out with the glass door opened or removed.

When lit for the first time, the appliance will emit an odor for a few hours. This is a normal temporary condition caused by the “burn-in” of paints and lubricants used in the manufacturing process and will not occur again. After extended periods of non-operation, such as, following a vacation or warm weather season, the appliance may emit a slight odor for a few hours. This is caused by dust particules in the heat exchanger burning off. In both cases, open a window to sufficiently ventilate the room.

#### FOR YOUR SAFETY READ BEFORE LIGHTING

- Do not turn on if children or other at risk individuals are near the appliance.
- This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
- Before operating, smell all around the appliance area for gas and next to the floor because some gas is heavier than air and will settle on the floor.
- Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been underwater.

#### WHAT TO DO IF YOU SMELL GAS

- Turn off all gas to the appliance.
- Open windows.
- 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.

#### LIGHTING INSTRUCTIONS

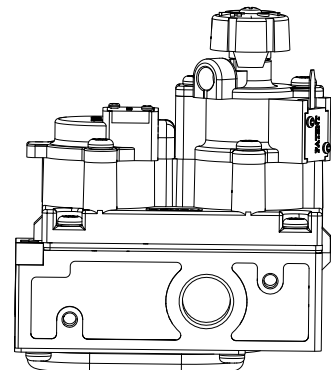
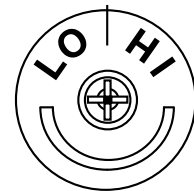
##### note:

This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.

- Stop! Read the above safety information on this label.
- Remove batteries from the transmitter and set thermostat to lowest setting, if equipped.
- Turn off all electrical power to the appliance.
- Open the glass door, if equipped.
- Turn the manual shut-off valve clockwise to the “OFF” position. (Shut-off valve is located on the flex connector).
- Wait five (5) minutes to clear out any gas. If you smell gas including near the floor, **STOP!** Follow the instructions above in the “WHAT TO DO IF YOU SMELL GAS” section. If you don't smell gas; close the glass door and go to the next step.
- Turn the manual shut-off valve counter clockwise to the “ON” position.
- Turn on all electrical power to the appliance and re-install the batteries into the transmitter. Set thermostat to desired setting, if equipped.
- Turn on the remote wall switch to the appliance.
- If the appliance will not operate, follow instructions “TO TURN OFF GAS” and call your service technician or gas supplier.

#### TO TURN OFF GAS

- Set thermostat to lowest setting, if equipped.
- Turn off the remote wall switch to the appliance.
- Turn off all electric power to the appliance if service is to be performed.
- Turn manual shutoff valve clockwise to the “OFF” position. Do not force.





## ! WARNING

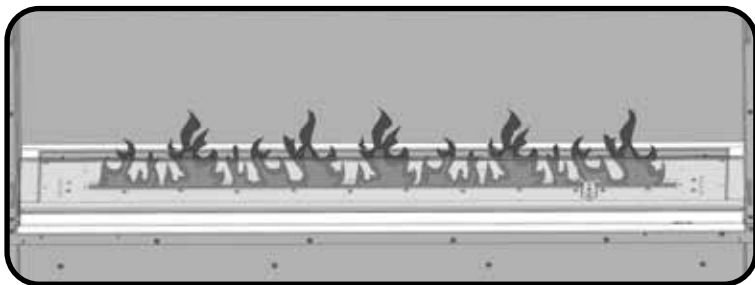
- Never use this appliance for other than the intended use. Do not use the appliance to prepare food.
- You must have clear and easy access to the on/off valve AFTER the appliance is installed and connected to the gas supply in order to safely turn off the burner.
- When lit for the first time, the appliance emits a slight odour. This is a normal temporary condition caused by the “burn-in” of internal paints and lubricants used in the manufacturing process and does not occur again. Simply run the main burner on high for approximately one-half hour.
- Children and adults should be alerted to the hazards of high surface temperatures and should stay away from the appliance to avoid burns or clothing ignition.
- Children should be carefully supervised when they are in the area of the appliance.
- Clothing or other flammable materials should not be hung from the appliance, or placed on or near the appliance. The area above the enclosure may be extremely hot. Direct contact with these surfaces should be avoided in order to prevent burns or clothing ignition.
- Any guard or protective device removed for servicing the appliance must be replaced prior to operating the appliance.
- Installation and repair should be done by a qualified service person.
- The appliance should be inspected before each use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that the control compartment, burners, and circulating air passageways of the appliance be kept clean.
- Never use the appliance while it is raining.
- Always turn the appliance off when raining.
- Never splash any liquid on the glass/glass embers when the appliance is operating.
- The glass/glass embers will be extremely hot while operating. Never try to touch them.
- Always ensure the appliance stands firmly on level ground.
- Never use the appliance if the burner is damaged. Inspect the burner before each use. Ensure that no debris such as leaves, grass, or other objects have entered or are on the appliance. If the burner is damaged, it must be replaced prior to using the appliance with a replacement burner specified by your Napoleon dealer.
- Inspect the hose assembly before each use. If there is evidence of excessive abrasion or wear, or if the hose is damaged, it must be replaced prior to using the appliance with a replacement hose assembly specified by your Napoleon dealer.
- Any modification to the appliance may compromise the safety of this appliance. Special concerns include: do not bypass thermocouple safety; do not operate the appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been under water.

### note:

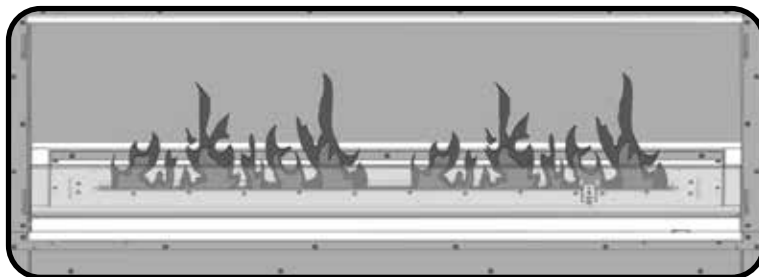
The appliance has been designed with several safety features, which include a safety valve. If the burner flame is extinguished, the appliance will automatically shut down.

**Each time the appliance is used:** Perform a visual check of the burner flame pattern. An abnormal flame pattern may be caused by blocked burner ports, inconsistent distribution of glass embers, or refractory rocks which are placed directly over the burner ports.

### NORMAL



### ABNORMAL





**! WARNING**

- Glass embers may have sharp edges. Wear safety glasses and gloves when handling. Do not change or substitute the glass ember material provided with this appliance. If replacing, use only replacement glass embers available from your local authorized dealer/distributor.
- To avoid the possibility of burns, maintenance should be done only when the appliance is cool. Avoid unprotected contact with hot surfaces. Ensure burner is turned off. Turn gas off at source and disconnect the appliance before servicing. Clean the appliance in an area where cleaning solutions will not harm decks, lawns, or patios. Do not use flammable, corrosive, or abrasive cleaners.
- Stainless steel tends to oxidize or stain in the presence of chlorides and sulfides, particularly in coastal areas and other harsh environments, such as the warm, highly humid atmosphere around pools and hot tubs. These stains could be perceived as rust, but can be easily removed or prevented. To provide stain prevention and removal, wash all stainless steel and chrome surfaces every 3-4 weeks or as often as required with fresh water and/or stainless steel cleaner.
- **Control Panel:** The control panel text is printed directly on the stainless steel and with proper maintenance will remain dark and legible. To clean the panel, use only warm soapy water. Never apply abrasive cleaners on any stainless surfaces, especially the printed portion of the control panel or the printing will gradually rub off.
- **Hose:** Check for abrasions, melting, cuts, and cracks in the hose. If any of these conditions exist, do not use the appliance. Have the part replaced by your Napoleon dealer or qualified gas installer.
- **Cleaning Inside the Appliance:** While washing your appliance, be sure to keep the area around the burner and pilot assembly dry at all times.
- If the gas control is exposed to water in any way, DO NOT try to use the appliance. The gas control must be replaced.
- **Burner:** The burner is made from heavy wall 304 stainless steel, but extreme heat and a corrosive environment can cause surface corrosion to occur. This can be removed with a brass wire brush. Inspect the burner at least annually for cracks, insect nests, excessive corrosion or any other damage. If the burner is damaged, it must be replaced with a burner specified by the manufacturer before the appliance is put into operation.
- **Beware of spiders!** Spiders and insects are attracted to the smell of propane and natural gas. The burner is equipped with an insect screen on the air shutter, which reduces the likelihood of insects building nests inside the burner but does not entirely eliminate the problem. A nest or web can cause the burner to burn with a soft yellow or orange flame or cause a fire (flashback) at the air shutter underneath the control panel. Other warning signs that may indicate a problem are: strong or unusual odour coming from the appliance; continued difficulty or delayed ignition; flame appears either very short or very long; flame only burns part way across the burner; excessive soot building up on the glass embers.
- To clean the inside of the burner, it must be accessed from the inlet beneath the burner tray. Remove the front glass shield and the glass embers, and examine the burner. If dirty, clean with a wire brush. Remove the screws that attach the burner tray and lift to set it on an angle for access. Take care not to damage pilot tube and wires. Use a flexible venturi tube brush to clean the inside of the burner. Shake any loose debris from the burner through the gas inlet. Check the burner ports and valve orifices for blockages. Burner ports can close over time due to debris and corrosion. Use an opened paperclip or a drill bit to clean them.

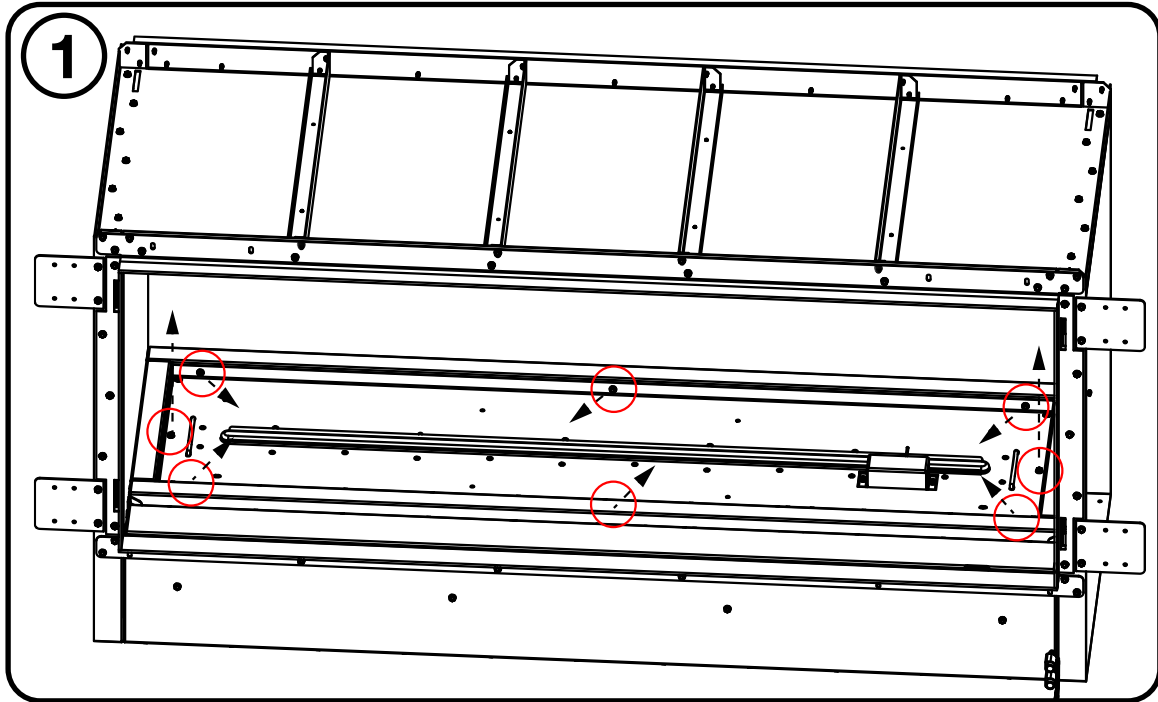


## ! WARNING

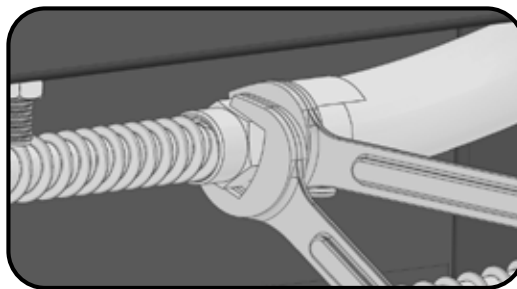
- The appliance area must be clear and free from combustible materials, gasoline, and other flammable vapours and liquids. Do not obstruct the flow of combustion and ventilation air. Keep the ventilation opening of the cylinder enclosure free and clear of debris.

### To access the orifice:

1. Remove the glass shield, glass embers and screws securing the burner tray in place. Lift the tray and set it on its side or supported on an angle. Take care not to damage pilot tube and wires.



2. Remove the flex hose and the orifice from the burner.



**Reinstallation:** Reverse the procedure to reinstall the burner tray. Check that the orifice enters the burner when installing. Replace the glass embers and the front glass shield. When the appliance is put back in service, compare the burner flame pattern to the images in the "Operation" section to verify that the appliance is operating correctly.

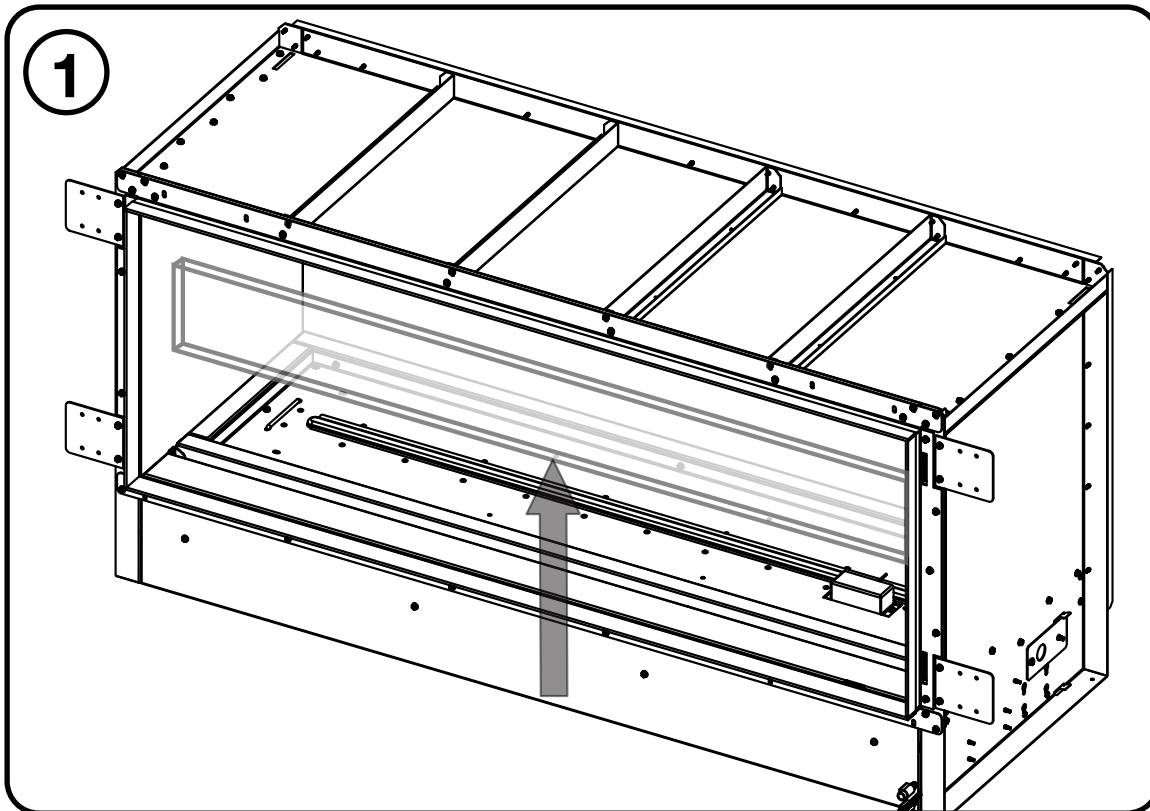
**Cleaning the Outer Appliance Surface:** Do not use abrasive cleaners or steel wool on any painted or stainless steel parts of your Napoleon appliance. Doing so will scratch the finish. Exterior surfaces should be cleaned with warm soapy water. To clean stainless surfaces, use a stainless steel or a non-abrasive cleaner. Always wipe in the direction of the grain. Over time, stainless steel parts discolour when heated, usually to a golden or brown hue. This discoloration is normal and does not affect the performance of the appliance.



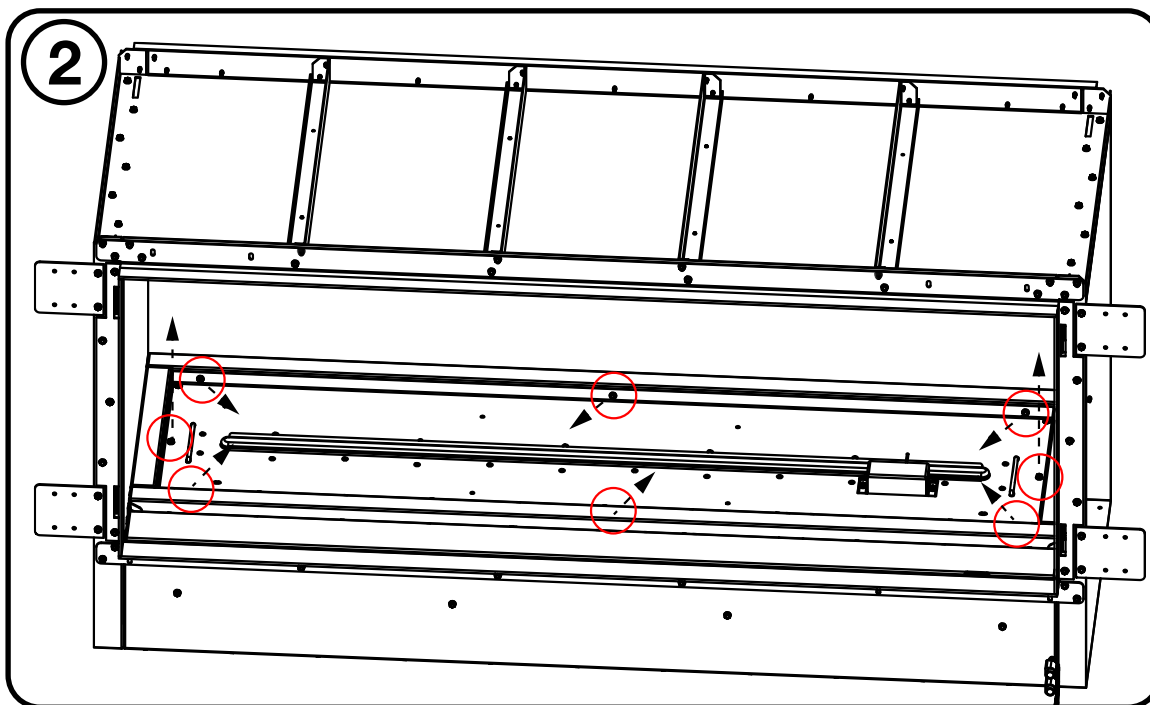
**10.1 electrical internal access****! WARNING**

- Disconnect the power supply from the appliance before servicing. Turn off the appliance completely and let cool before servicing. Only a qualified service person should service and repair this electric appliance.

1. Remove glass shield (N300-0003) from the appliance.

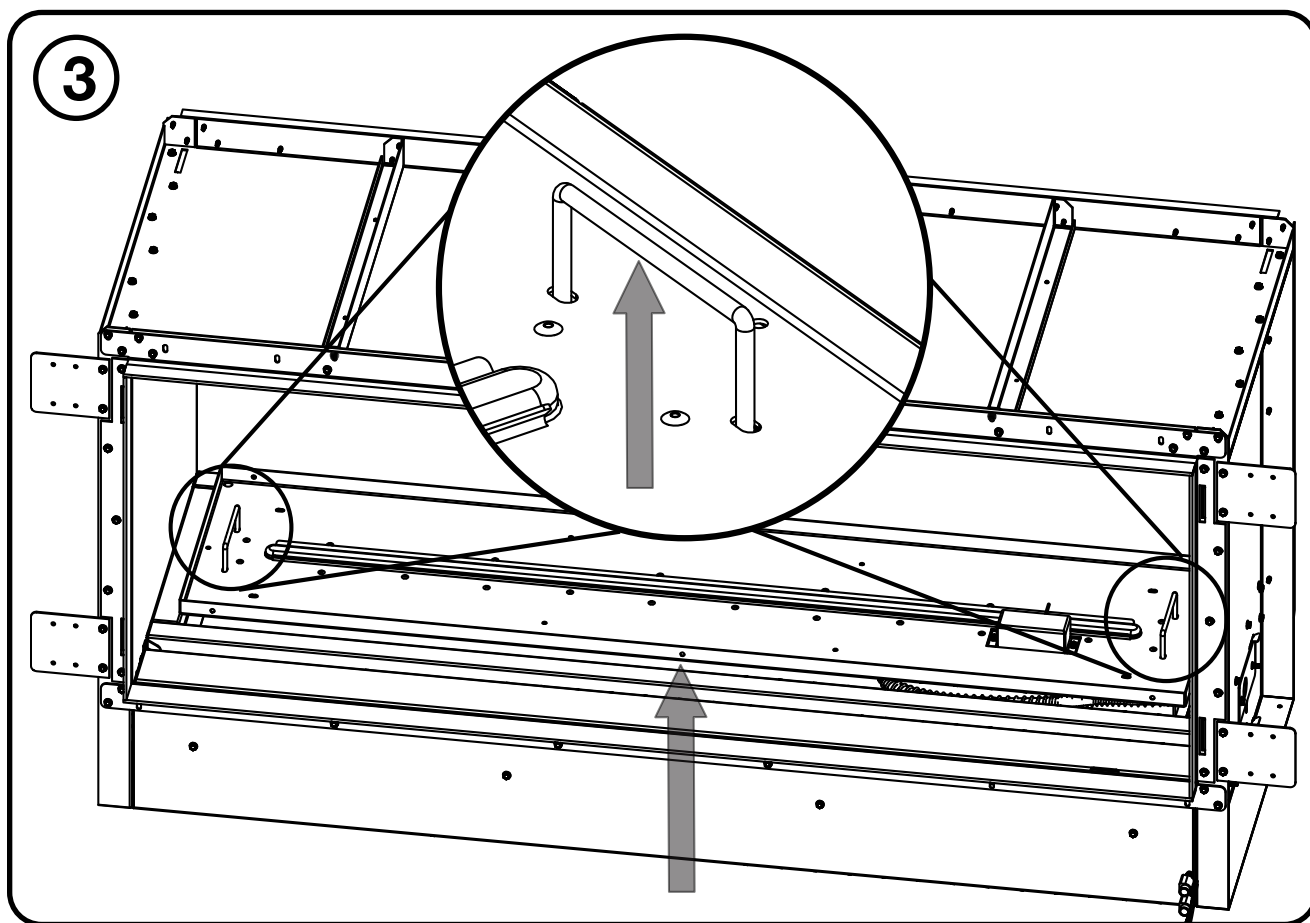


2. Remove ONLY the 8 screws (N570-0008) indicated in the illustration.

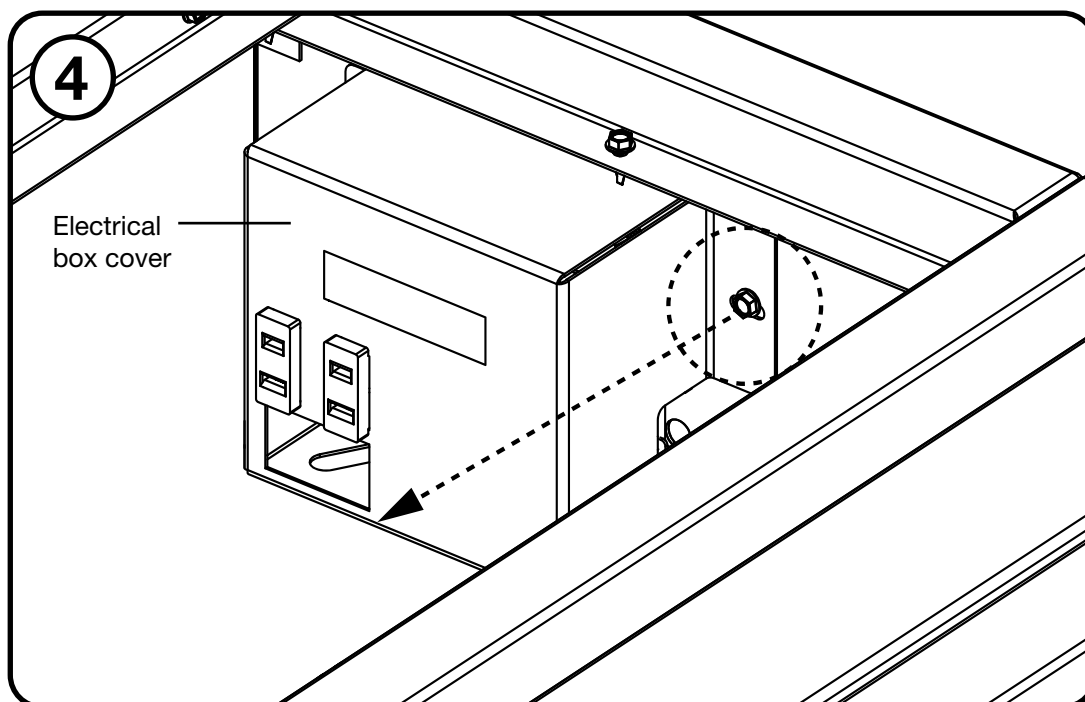




3. Lift the burner tray with the handles as illustrated. Set on its side. Take care not to damage pilot tube and wires.



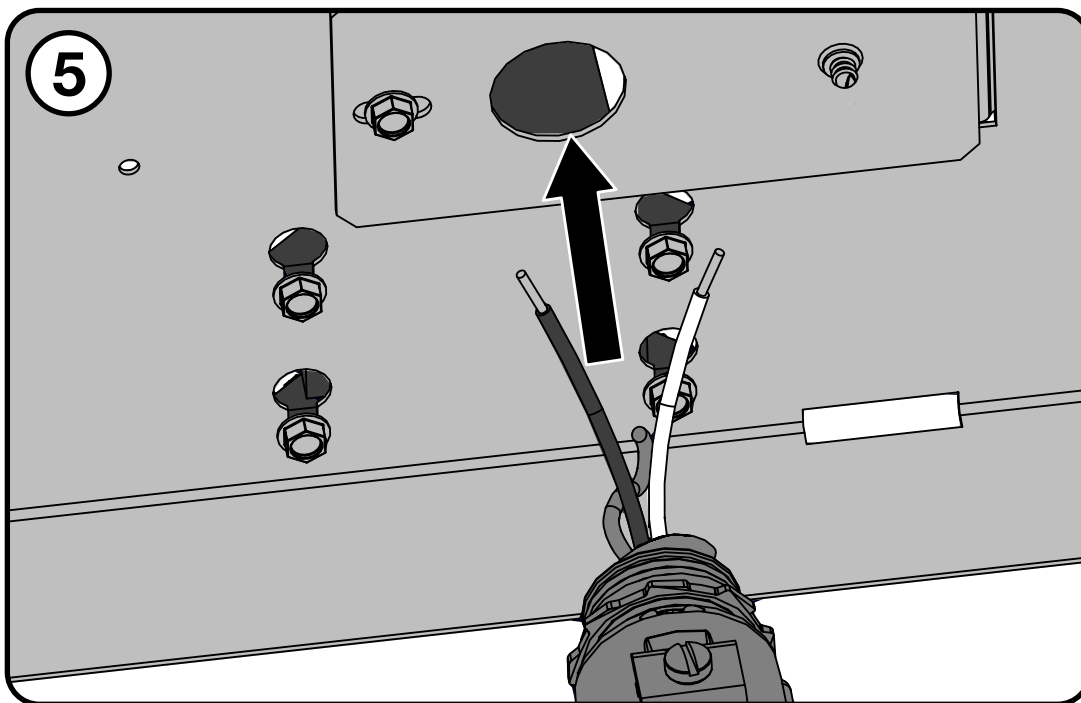
4. Remove the screw (N570-0008) from the electrical box cover. Remove the electrical box cover.



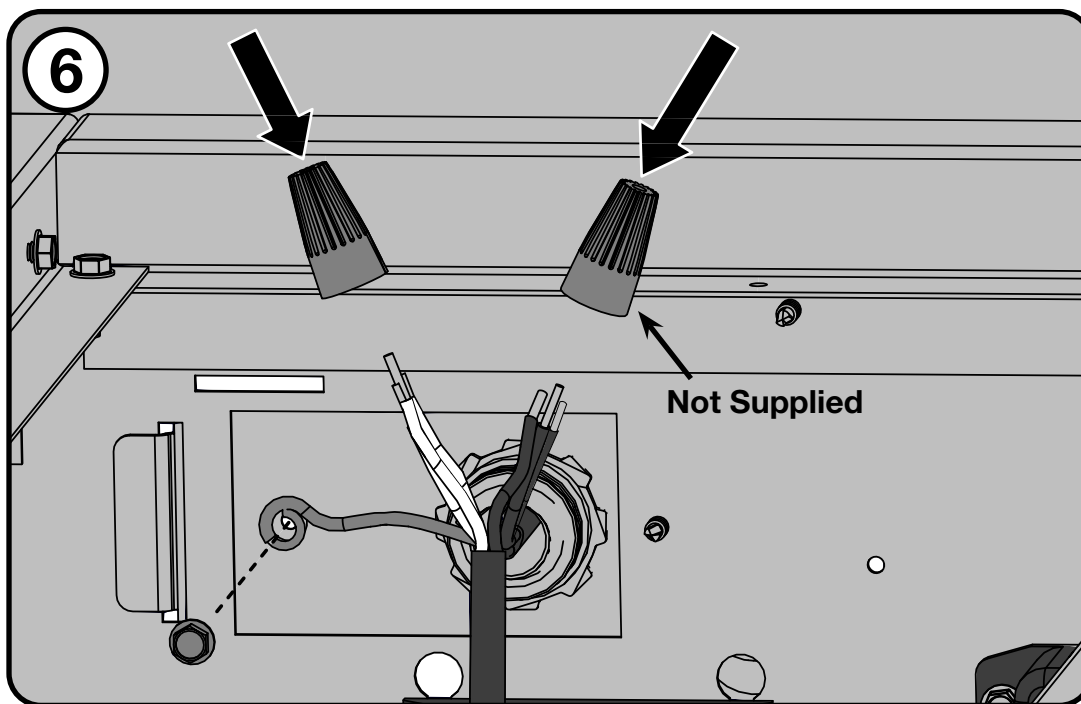


## maintenance / cleaning instructions

5. Install the box connection using the 7/8" (22.2mm) hole in the junction box.

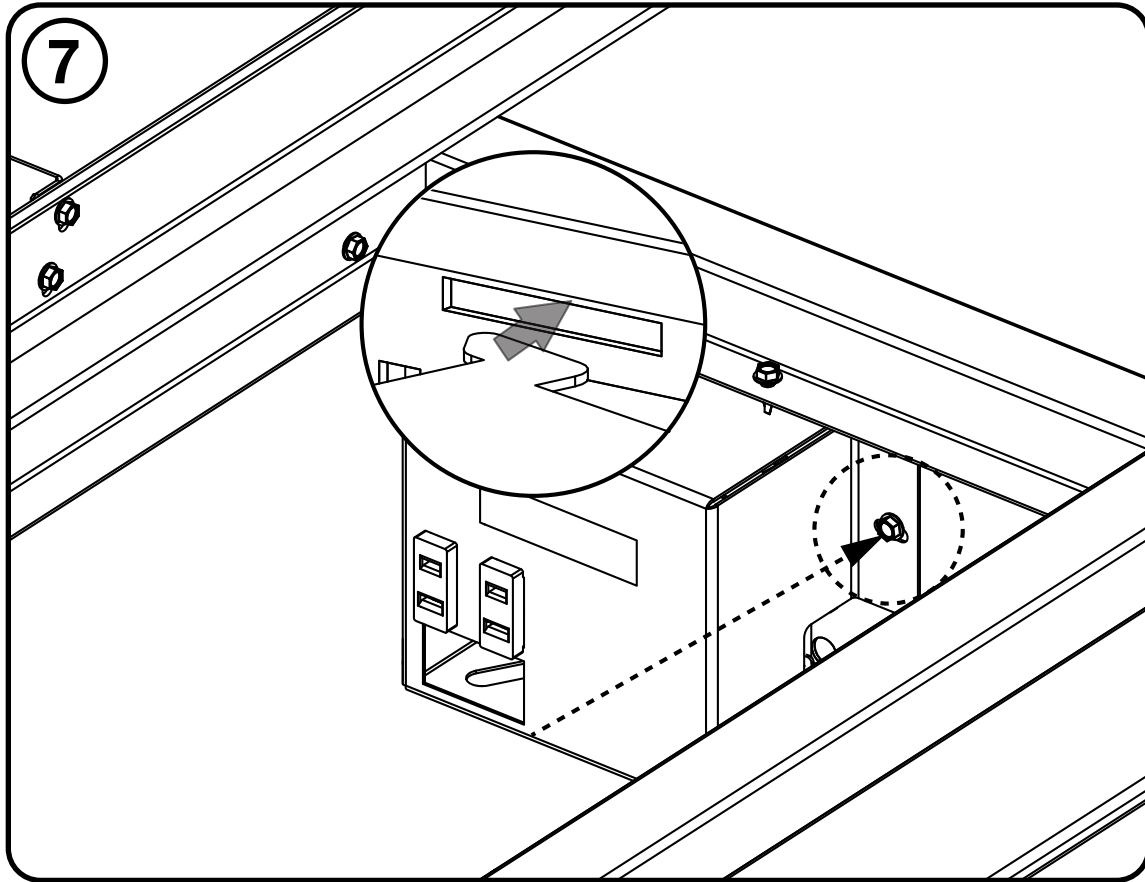


6. Connect the Green ground wire to the junction plate using the ground screw as shown. Connect the common white wires together as shown, followed by the hot black wires as shown.





7. Re-install the electrical box as shown.



8. Re-install the burner tray with the handles as illustrated. Take care not to damage pilot tube and wires.
9. Re-install the glass shield.



## 11.0 replacement parts



### WARNING

- Failure to position the parts in accordance with this manual or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

Contact your dealer for questions concerning prices and policies on replacement parts. Normally, all parts can be ordered through your Authorized dealer / distributor.

**For warranty replacement parts, a photocopy of the original invoice will be required to honour the claim.**

When ordering replacement parts always give the following information:

- Model & Serial Number of appliance
- Installation date of appliance
- Part number
- Description of part
- Finish

**Parts, part numbers, and availability are subject to change without notice.**

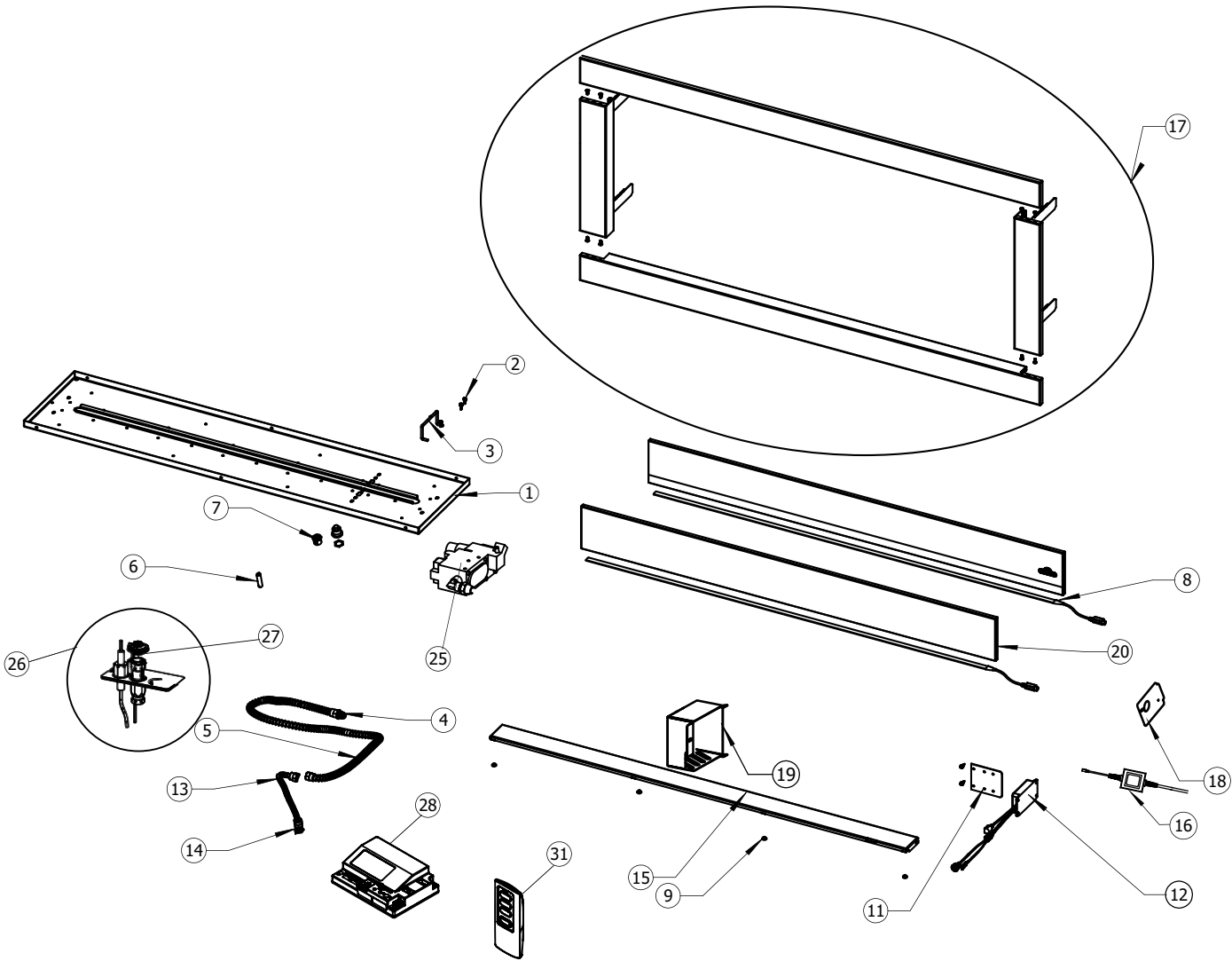
**Parts identified as stocked will be delivered within 2 to 5 business days for most delivery destinations.**

**Parts not identified as stocked will be delivered within a 2 to 4 week period, for most cases.**

**Parts identified as 'SO' are special order and can take up to 90 days for delivery.**



11.1 overview



LEGEND	
<b>X</b>	STANDARD
<b>N</b>	NATURAL GAS APPLIANCES ONLY
<b>P</b>	PROPANE APPLIANCES ONLY
<b>AC</b>	ACCESSORY



Ref.	Part No.	Description	LEGEND
1	W010-4982	ASSEMBLY, BURNER TRAY (GSS48E)	X
2	N570-0008	#8 X 12" SCREW	
3	N325-0074	HANDLE GLASS TRAY	
4	N455-0066	ORIFICE NATURAL #25	N
	W455-0076	ORIFICE PROPANE #43	P
5	N720-0062	FLEX CONNECTOR 30" X 3/8"	X
6	W043-0004	BATTERY, A23 12V	
7	N660-0002	SWITCH LIGHT	
8	N750-0026	LED WIRING	
	W160-0095	CLIP WIRE	
9	N510-0002	SILICONE BUMPER	
10	N300-0003	GLASS SHIELD	
11	N665-0012	NAILING TAB	
12	N190-0002	LED, CONTROLLER	
13	W175-0217	FLEX CONNECTOR C/W VALVE	
14	W445-0038	FITTING, 3/8"	
15	W200-0847	COVER, CONTROL PANEL (GSS48E)	
	N570-0096	THUMB SCREW	
16	W707-0033	LIGHT TRANSFORMER	
17	LT48SS	TRIM KIT, 1 PER SIDE	AC
18	N500-0057	JUNCTION BOX PLATE	X
19	W350-0964	ELECTRICAL HOUSING	
20	GSS48COV	STAINLESS STEEL COVER	AC
21	MKGA	GLASS EMBERS, AMBER 6LB	
	MKGC	GLASS EMBERS, CLEAR 6LB	
	MKGK	GLASS EMBERS, BLACK 6LB	
	MKGB	GLASS EMBERS, BLUE 6LB	
	MKGR	GLASS EMBERS, RED 6LB	
22	MRKL	MINERAL ROCK KIT LARGE	
23	DL45	DRIFTWOOD LOG SET	
24	W175-0745	CONVERSION KIT, NG TO LP (GSS48E)	
	W175-0746	CONVERSION KIT, LP TO NG (GSS48E)	
25	W725-0095	VALVE, DEXEN EI NAT (H3V NO-PURGE)	X
	W725-0101	VALVE, DEXEN EI LP (H3V NO-PURGE)	
26	W010-4945	PILOT ASSEMBLY (NG)	
	W010-4972	PILOT ASSEMBLY (P)	
27	W455-0071	PILOT INJECTOR (NG)	
	W455-0049	PILOT INJECTOR (P)	
28	W190-0209	CONTROL MODULE	
29	W750-0510	CONTROL MODULE POWER ADAPTOR	
30	W750-0511	WIRE HARNESS	
31	W660-0228	TRANSMITTER	
32	N300-0002	GLASS EMBERS - TOPAZ 2 X 7.5LBS	
33	W585-1004	PILOT SHIELD	

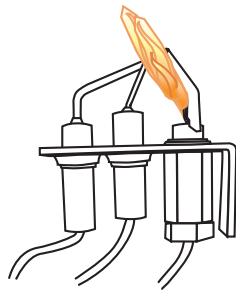


## WARNING

- Always light the pilot whether for the first time or if the gas supply has run out, with the glass door (where applicable) open or removed.
- Turn off gas and electrical power before servicing the appliance.
- Appliance may be hot. Do not service until appliance has cooled.
- Do not use abrasive cleaners

symptom	problem	test solution
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Flames are consistently too large or too small. Carboning occurs.



Appliance is over-fired or under-fired.

- **Check pressure readings:**  
Inlet pressure can be checked by turning screw (A) counter-clockwise 2 or 3 turns and then placing pressure gauge tubing over the test point. Gauge should read as described on the chart below. Check that main burner is operating on 'HI'. Outlet pressure can be checked the same as above using screw (B). Gauge should read as described on the chart below. Check that main burner is operating on 'HI'. **After taking pressure readings, be sure to turn screws clockwise firmly to reseal. DO NOT OVER TORQUE.** Leak test with a soap and water solution.

Pressure	Natural Gas (inches)	Natural Gas (millibars)	Propane (inches)	Propane (millibars)
Inlet	*7" (minimum 4.5")	17.4mb (minimum 11.2mb)	13" (minimum 11")	32.4mb (minimum 27.4mb)
Outlet	3.5"	8.7mb	10"	24.9mb

**\*Maximum inlet pressure not to exceed 13" w.c.**

Air shutter improperly adjusted.	-	Return air shutter to factory-set opening.
For propane - improper lighting procedure.	-	Ensure lighting procedure is followed carefully. The valve must be in the off position when the tank valve is turned on. Turn tank on slowly to allow pressure to equalize. See lighting instructions.
For natural gas - undersized supply line.	-	Pipe must be sized according to installation code.
Burners burn with yellow flame, accompanied by the smell of gas.	-	Thoroughly clean burner venturi. See "cleaning / maintenance instruction" section.
Carbon is being deposited on glass, logs, rocks, media, or combustion chamber surfaces.	-	Ensure air shutter opening is free of lint or other obstructions.
	-	Ensure the media is positioned correctly in the appliance.
	-	Open air shutter to increase the primary air.
	-	Check the input rate: check the manifold pressure and orifice size as specified by the rating plate.
White / grey film forms.	-	Clean the glass with a recommended gas fireplace glass cleaner. <b>DO NOT CLEAN GLASS WHEN HOT.</b>
	-	If deposits are not cleaned off regularly, the glass may become permanently marked.
Pilot will not light. Makes noise with no spark at pilot burner.	-	Verify the thermocouple/sensor is clean and the wiring is undamaged.
	-	Verify the interrupter block is not damaged or too tight. Verify connections from pilot assembly are tight; also verify the connections are not grounding out to any metal. (Remember, the flame carries the rectification current, not the gas. If flame lifts from pilot hood, the circuit is broken. A wrong orifice or too high of an inlet pressure can cause the pilot flame to lift*). The sensor rod may need cleaning.
No signal from remote with no pilot ignition.	-	Reprogram receiver code.
	-	Replace receiver.
Poor grounding.	-	Verify the valve and pilot assembly is properly grounded
Improper switch wiring.	-	Troubleshoot the system with the simplest on/off switch.
Dirty, painted, or damaged pilot and/or dirty sensor rod.	-	Clean sensor rod with a green Scotch-Brite™ pad to remove any contamination that may have accumulated. Verify continuity with multimeter with ohms set at the lowest range.



symptom	problem	test solution
Pilot sparks but will not light.	Gas supply.	<ul style="list-style-type: none"> <li>- Verify that the incoming gas line ball valve is "open".</li> <li>- Verify that the inlet pressure reading is within acceptable limits, inlet pressures must not exceed 13" W.C.</li> </ul>
	Out of propane gas.	<ul style="list-style-type: none"> <li>- Fill the tank.</li> </ul>
	Pilot supply line may contain air.	<ul style="list-style-type: none"> <li>- Repeat ignition process several times or purge the pilot supply line.</li> </ul>
	Incorrect wiring / grounding.	<ul style="list-style-type: none"> <li>- Ensure correct polarity of wiring of thermocouple (if equipped).</li> <li>- Verify pilot assembly/valve are properly grounded.</li> </ul>
	Receiver (if equipped).	<ul style="list-style-type: none"> <li>- Reset program: hold reset button on receiver and wait for 2 beeps. Release after second beep. Press small flame button on remote within 20 seconds, you will hear an additional beep (this signals a successful reset).</li> <li>- Replace receiver.</li> </ul>
	Valve.	<ul style="list-style-type: none"> <li>- Check valve and replace if necessary (Do not to overtighten thermocouple).</li> </ul>
Burner continues to spark and pilot lights but main burner does not light.	Short or loose connection in sensor rod.	<ul style="list-style-type: none"> <li>- Verify all connections. Verify the connections from the pilot assembly are tight. Also, verify these connections are not grounding out to any metal.</li> </ul>
	Dirty, painted, or damaged pilot assembly components.	<ul style="list-style-type: none"> <li>- Clean using a green Scotch-Brite™ pad to remove any contamination that may have accumulated on the sensor rod, pilot hood, ignitor, or flame sensor. Verify continuity with multimeter with ohms set at the lowest range.</li> </ul>
Remote and / or receiver is not functioning properly (if applicable).	Receiver or remote has low battery.	<ul style="list-style-type: none"> <li>- Replace batteries.</li> </ul> <div> <b>note:</b>            If back up batteries are installed, they must also be removed to re-program         </div>
	Appliance functions but does not respond to receiver / remote.	<ul style="list-style-type: none"> <li>- Ensure appliance is being operated by the same device that turned it on. Remote controls function if appliance has turned on by remote. Receiver controls function if appliance was burned on by receiver.</li> </ul>
	Error with synchronizing.	<ul style="list-style-type: none"> <li>- Reset receiver and remote.</li> </ul>
	Remote too far away from receiver.	<ul style="list-style-type: none"> <li>- Refer to "wiring diagram" section.</li> </ul>
	Wire connector pins are bent.	<ul style="list-style-type: none"> <li>- Straighten pins.</li> </ul>
	Valve wiring is damaged.	<ul style="list-style-type: none"> <li>- Replace valve harness.</li> </ul>
Appliance won't perform any functions	No power to the system.	<ul style="list-style-type: none"> <li>- Check breaker to verify it is in the "on" position.</li> <li>- Ensure module is wired to power correctly.</li> </ul>
	Receiver switch in wrong position (if equipped).	<ul style="list-style-type: none"> <li>- Verify that the 3-position switch on the receiver is in the remote position (middle).</li> </ul>
	On/off switch in wrong position.	<ul style="list-style-type: none"> <li>- Verify that the switch is in the "on" position.</li> </ul>
	Transmitter isn't operational (if required).	<ul style="list-style-type: none"> <li>- Check battery power and battery orientation.</li> </ul>
Light won't function (if applicable).	Light bulb burnt out.	<ul style="list-style-type: none"> <li>- Change the bulb.</li> </ul>
	Light harness damaged.	<ul style="list-style-type: none"> <li>- Replace the harness.</li> </ul>
	Switch in wrong position.	<ul style="list-style-type: none"> <li>- Ensure switch is in "on" position.</li> </ul>
	No power to lights.	<ul style="list-style-type: none"> <li>- Ensure power transformer is plugged into junction box and lights are wired correctly.</li> </ul>



NAPOLEON gas appliances are manufactured under the strict Standard of the world recognized ISO 9001 : 2015 Quality Management System.

NAPOLEON products are designed with superior components and materials, assembled by trained craftsmen who take great pride in their work. The burner and valve assembly are leak and test-fired at a quality test station. Once assembled, the complete appliance is thoroughly inspected by a qualified and authorized installer, service agency, or supplier before packaging to ensure that you, the customer, receives the quality product that you expect from NAPOLEON.

### **Napoleon Gas Appliance 5 Year Limited Warranty**

All stainless steel components of your new NAPOLEON gas appliance are warranted against defects for five years.

Electrical (110V) components and wearable parts are covered and NAPOLEON will provide replacement parts free of charge during the first year of the limited warranty. This covers: gas valves, logs, and gasketing.\*

Labour related to warranty repair is covered free of charge during the first year. Repair work, however, requires the prior approval of an authorized company official. Labour costs to the account of NAPOLEON are based on a predetermined rate schedule and any repair work must be done through an authorized NAPOLEON dealer.

\* Construction of models vary. Warranty applies only to components included with your specific appliance.

### **Conditions and Limitations**

NAPOLEON warrants its products against manufacturing defects to the original purchaser only. Registering your warranty is not necessary. Simply provide a proof of purchase along with the model number and serial number of the appliance to make a warranty claim. Provided that the purchase was made through an authorized NAPOLEON dealer your appliance is subject to the following conditions and limitations:

Warranty coverage begins on the date of original installation.

This limited warranty applies only while the appliance remains at the site of original installation, and only if the unit is installed in Canada or the United States.

This factory warranty is non-transferable and may not be extended whatsoever by any of our representatives.

Installation must be done in accordance with the installation instructions included with the product and all local and national building and fire codes.

This limited warranty does not cover damages caused by misuse, lack of maintenance, accident, alterations, abuse, or neglect and parts installed from other manufacturers will nullify this warranty.

This limited warranty further does not cover any scratches, dents, corrosion, or discolouring caused by excessive heat, abrasive and chemical cleaners, mechanical breakage of logs and embers.

In the first year only, this warranty extends to the repair or replacement of warranted parts which are defective in material or workmanship provided that the product has been operated in accordance with the operation instructions and under normal conditions.

After the first year, with respect to this Limited Warranty, NAPOLEON may, at its discretion, fully discharge all obligations with respect to this warranty by refunding to the original warranted purchaser the wholesale price of any warranted but defective part(s).

After the first year, NAPOLEON will not be responsible for installation, labour, or any other costs or expenses related to the reinstallation of a warranted part, and such expenses are not covered by this warranty.

Notwithstanding any provisions contained in this Limited Warranty, NAPOLEON'S responsibility under this warranty is defined as above and it shall not in any event extend to any incidental, consequential, or indirect damages.

This warranty defines the obligations and liability of NAPOLEON with respect to the NAPOLEON gas appliance and any other warranties expressed or implied with respect to this product; its components or accessories are excluded.

This limited warranty does not cover damages resulting from the use of components not supplied with the appliance or the use of fuel other than those specified.

Any damages to appliance due to weather, long periods of dampness, condensation, damaging chemicals, or cleaners will not be the responsibility of NAPOLEON.

NAPOLEON reserves the right to have its representative inspect any product or part thereof prior to honouring any warranty claim.

The manufacturer may require that defective parts or products be returned or that digital pictures be provided to support the claim. Returned products are to be shipped prepaid to the manufacturer for investigation. If a product is found to be defective, the manufacturer will repair or replace such defect.

Before shipping your appliance or defective components, your dealer must obtain an authorization number. Any merchandise shipped without authorization will be refused and returned to sender.

Shipping costs are not covered under this warranty.

Additional service fees may apply if you are seeking warranty service from a dealer.

Travel, diagnostic tests, shipping, and other related charges are not covered by this warranty.

All specifications and designed are subject to change without prior notice due to on-going product improvements. Napoleon is a registered trademark of Wolf Steel Ltd.



# NAPOLEON CELEBRATING OVER 40 YEARS OF HOME COMFORT PRODUCTS



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