

INSTALLER: LEAVE THIS MANUAL WITH THE APPLIANCE.
CONSUMER: RETAIN THIS MANUAL FOR FUTURE REFERENCE.
NEVER LEAVE CHILDREN OR OTHER AT RISK INDIVIDUALS ALONE WITH THE APPLIANCE.

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39



INSTALLATION AND OPERATING INSTRUCTIONS

CERTIFIED TO CANADIAN AND AMERICAN NATIONAL STANDARDS: CSA 2.22 AND ANSI Z21.50 FOR VENTED GAS FIREPLACES.

SAFETY INFORMATION

WARNING

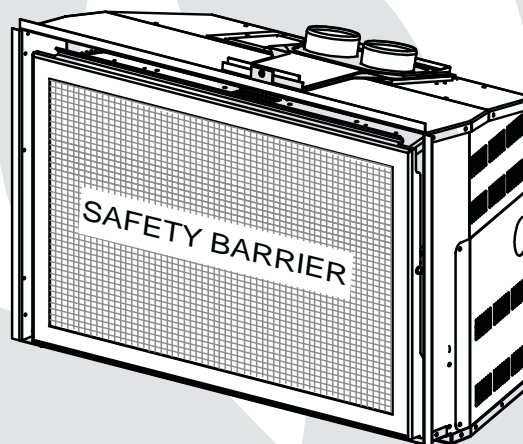
If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS:**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call 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 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.

IR3GN
NATURAL GAS
IR3GP
PROPANE



FOR INDOOR USE ONLY

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 shall be installed for the protection of children and other at-risk individuals.

APPLY SERIAL NUMBER LABEL FROM CARTON



Wolf Steel Ltd., 24 Napoleon Rd., Barrie, ON, L4M 0G8 Canada /
103 Miller Drive, Crittenden, Kentucky, USA, 41030

Phone (705)721-1212 • Fax (705)720-9081 • www.napoleonfireplaces.com • hearth@napoleonproducts.com

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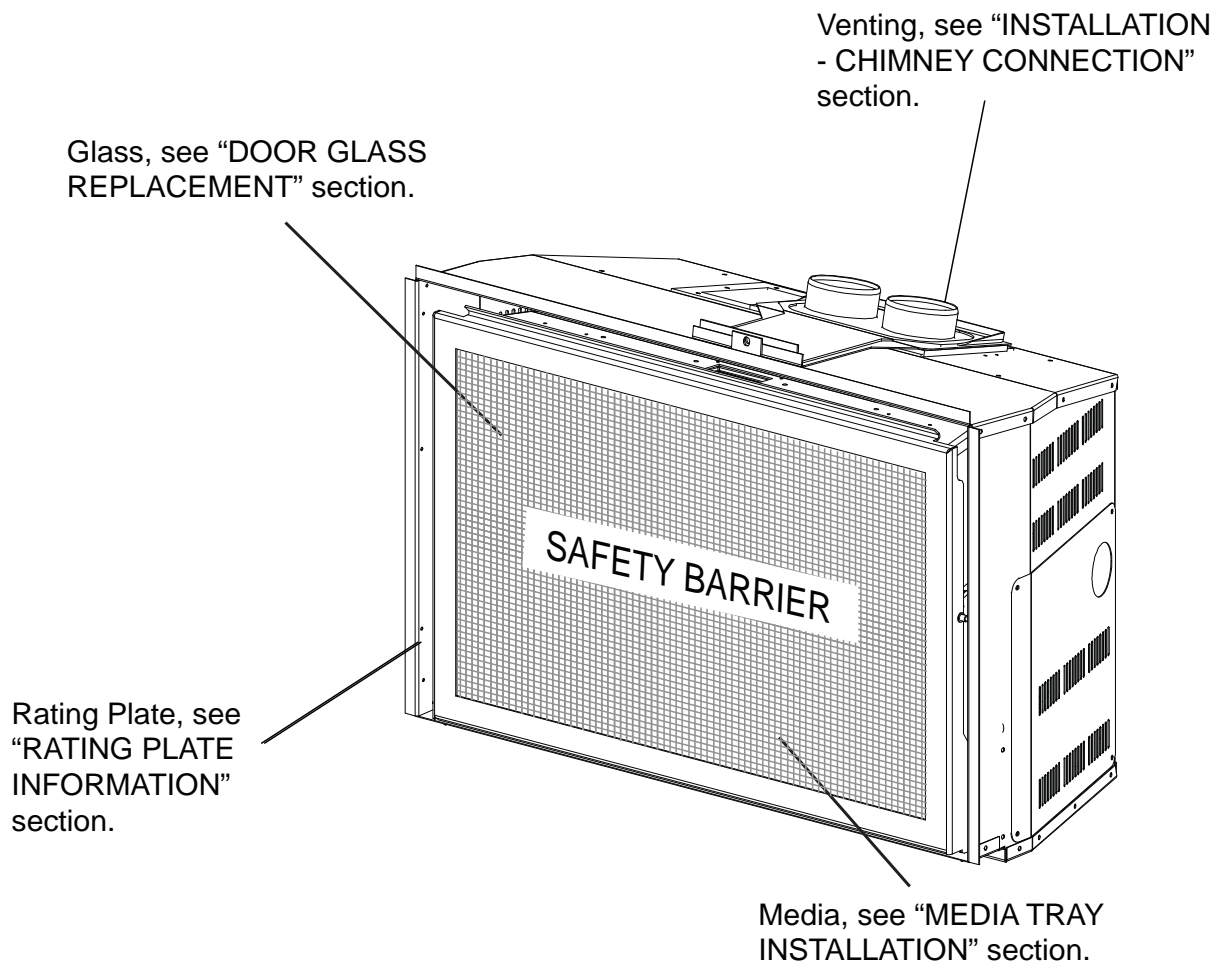


NOTE: The camera icon indicates video tutorials are available as additional reference, visit <http://mynapoleon.napoleonproducts.com/download/index/44/1>

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NOTE: changes, other than editorial, are denoted by a vertical line in the margin.

1.0 INSTALLATION OVERVIEW



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.

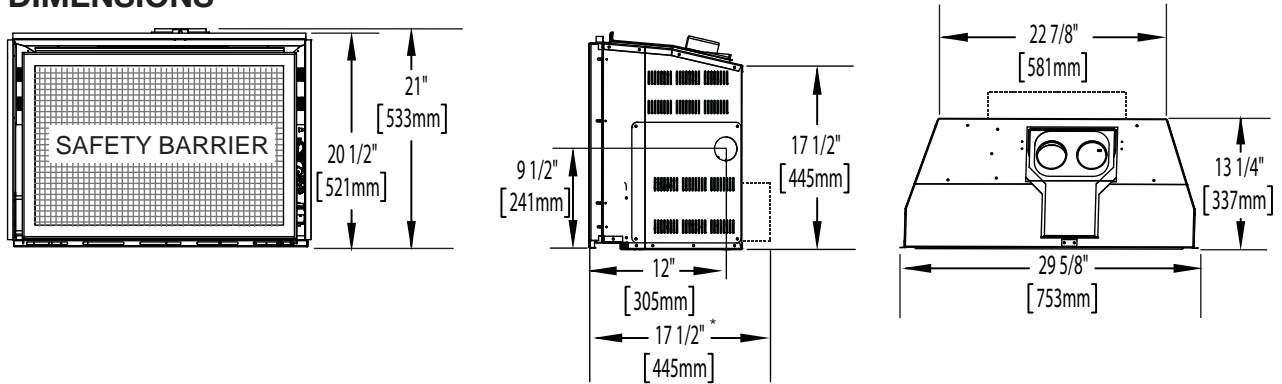
2.0 INTRODUCTION

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.
- Risk of fire or asphyxiation do not operate appliance with fixed glass removed.
- Do not connect 110 volts to the control valve.
- 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 and safety glasses during installation. Sheet metal edges may be sharp.
- Do not burn wood or other materials in this appliance.
- **Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition.**
- **Young children should be 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, 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.**
- Ensure you have incorporated adequate safety measure to protect infants/toddlers from touching hot surfaces.
- Even after the appliance is out, the glass and/or screen 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.**
- The appliance is a vented gas-fired appliance. Do not burn wood or other materials in 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.
- Under no circumstances should this appliance be modified.
- 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.
- Do not strike or slam shut the appliance glass door.
- 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.
- **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.
- 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.
- 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 of decorations, a T.V. or other electronic components.
- **A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed.**
- **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. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.**

3.2C

2.1 DIMENSIONS



*REQUIRED DIMENSION WITH THE OPTIONAL BLOWER KIT INSTALLED.

2.2 MINIMUM CLEARANCE TO COMBUSTIBLES

This appliance must be recessed into a vented non-combustible wood-burning appliance (prefabricated or masonry) only. The minimum appliance opening size in which the appliance is to be installed is:

HEIGHT 21 1/2" (54.6cm) WIDTH 29" (73.7cm) DEPTH *13 1/4" (34.9cm)

The minimum allowable chimney flue size is 7" (178mm) round.

***Add 4" (102mm) for optional blower.**

The minimum distance, from the bottom of a combustible mantel projecting 3" (76mm) maximum from the wall to the top of the appliance, is 14" (35.6cm) (see "MINIMUM MANTEL CLEARANCES" section).

2.3 GENERAL INSTRUCTIONS

! WARNING	
ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RUN OUT, WITH THE GLASS DOOR OPENED OR REMOVED.	
PROVIDE ADEQUATE CLEARANCE FOR SERVICING AND OPERATING THE APPLIANCE.	
PROVIDE ADEQUATE VENTILATION.	
NEVER OBSTRUCT THE FRONT OPENING OF THE APPLIANCE.	
OBJECTS PLACED IN FRONT OF THE APPLIANCE MUST BE KEPT A MINIMUM OF 48 INCHES (121.9cm) FROM THE FRONT FACE OF THE APPLIANCE.	
SURFACES AROUND AND ESPECIALLY ABOVE THE APPLIANCE CAN BECOME HOT. AVOID CONTACT WHEN THE APPLIANCE IS OPERATING.	
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 TEST PRESSURES EQUAL TO OR LESS THAN 1/2 PSIG (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.	
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.	

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:

- This product must be installed by a licensed plumber or gas fitter when installed within the commonwealth of Massachusetts.
- The appliance damper must be removed or welded in the open position prior to installation of an appliance insert or gas log.
- The appliance off valve must be a "T" handle gas cock.
- The flexible connector must not be longer than 3 feet (0.9m).
- A Carbon Monoxide detector is required in all rooms containing gas fired appliances.
- The appliance is not approved for installation in a bedroom or bathroom unless the unit is a direct vent sealed combustion product.

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. Suitable for mobile home installation if installed in accordance with the current standard CAN/CSA Z240MH Series, for gas equipped mobile homes, in Canada or ANSI Z223.1 and NFPA 54 in the United States.



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

Some appliances have optional fans or blowers. If an optional fan or blower is installed, the junction box must be electrically connected and grounded in accordance with local codes, use the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI/NFPA 70 National Electrical code in the United States.

4.1C

2.4 GENERAL INFORMATION

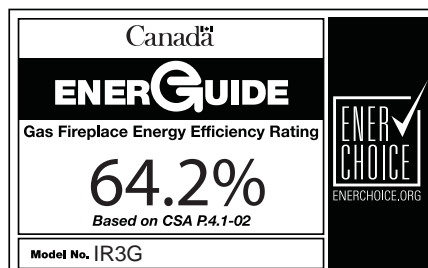
FOR YOUR SATISFACTION, THIS APPLIANCE HAS BEEN TEST-FIRED TO ASSURE ITS OPERATION AND QUALITY!

IR3G		
	NG	P
Altitude (FT)	0-4,500	0-4,500
Max. Input (BTU/HR)	24,000	24,000
Max. Output (BTU/HR)	19,200	19,200
Efficiency (w/the fan on)	80%	80%
A.F.U.E. (maximum value)	77%	77%
Min. Inlet Gas Supply Pressure	4.5" (11mb) Water Column	11" (27mb) Water Column
Max. Inlet Gas Supply Pressure	13" (32mb) Water Column	13" (32mb) Water Column
Manifold Pressure (Under Flow Conditions)	3.5" (9mb) Water Column	10" (25mb) Water Column

When the appliance is installed at elevations above 4,500ft (1371m), 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.

This appliance is not approved for closet or recessed installations. It is approved for bathroom, bedroom and bed-sitting room installations and is suitable for mobile homes. The natural gas model is suitable for installation in a mobile home that is permanently positioned on its site and fuelled with natural gas.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with the appliance and must be installed.



2.5 RATING PLATE INFORMATION

CONFORMS TO / CONFORME AUX: ANSI Z21.50-2014, CERTIFIED TO / CERTIFIÉ CSA 2.22-2014 VENTED GAS FIREPLACE / FOYER À GAZ VENTILÉ.

DO NOT TURN ON IF CHILDREN OR OTHER AT RISK INDIVIDUALS ARE NEAR THE FIREPLACE. DIRECT VENT GAS FIREPLACE. SUITABLE FOR BEDROOM, BATHROOM AND BED-SITTING ROOM INSTALLATION. SUITABLE FOR MOBILE HOME INSTALLATION IF INSTALLED IN ACCORDANCE WITH THE CURRENT STANDARD CAN/CSA Z240MH SERIES GAS EQUIPPED MOBILE HOMES, IN CANADA OR IN THE UNITED STATES THE MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARD, TITLE 24 CFR, PART 3280. WHEN THIS US STANDARD IS NOT APPLICABLE USE THE STANDARD FOR FIRE SAFETY CRITERIA FOR MANUFACTURED HOME INSTALLATIONS, SITES AND COMMUNITIES, ANSI / NFPA 501A. FOR USE WITH BARRIER W010-3157. FOLLOW THE INSTALLATION INSTRUCTIONS LOCATED IN THE INSTALLATION MANUAL.

NE PAS ALLUMER SI DES ENFANTS OU D'AUTRES INDIVIDUS À RISQUE SONT À PROXIMITÉ DU FOYER. FOYER À GAZ VENTILÉ. HOMOLOGUE POUR INSTALLATION DANS UNE CHAMBRE À COUCHER, UNE SALLE DE BAIN ET UN STUDIO. APPROPRIÉ POUR INSTALLATION DANS UNE MAISON MOBILE SI SON INSTALLATION EST CONFORME AUX EXIGENCES DE LA NORME CAN/CSA Z240MH SÉRIE DE MAISONS MOBILES ÉQUIPÉES AU GAZ, EN VIGILÉUR AU CANADA, OU AUX ÉTATS-UNIS, SELON LA NORME DE SÉCURITÉ ET DE CONSTRUCTION DE MAISONS MANUFACTURÉES, TITRE 24 CFR, SECTION 3280. DANS LE CAS OÙ CETTE NORME DES ÉTATS-UNIS NE PEUT ÊTRE APPLIQUÉE, SE RÉFÉRER À LA NORME RELATIVE AU CRITÈRE DE MESURES DE SÉCURITÉ CONTRE L'INCENDIE POUR LES INSTALLATIONS DANS LES MAISONS MANUFACTURÉES, LES SITES ET LES COMMUNAUTÉS, ANSI/NFPA 501A. POUR UNE UTILISER AVEC BARRIÈRE W010-3157. SUIVEZ LES INSTRUCTIONS D'INSTALLATION SE TROUVENT DANS LE MANUEL D'INSTALLATION.

CERTIFIED FOR CERTIFIÉ POUR CANADA USA

REFERENCE #161746

NATURAL GAS/GAZ NATUREL

IR3GN ☐ ALTITUDE/ELEVATION INPUT/ALIMENTATION 4500FT (0-1370m) 24,000 BTU/h 15,000 BTU/h

CIR3GN ☐

MODEL

ALTITUDE/ELEVATION INPUT/ALIMENTATION 4500FT (0-1370m) 24,000 BTU/h 17,000 BTU/h

PROPANE

IR3GP ☐ ALTITUDE/ELEVATION INPUT/ALIMENTATION 4500FT (0-1370m) 24,000 BTU/h 17,000 BTU/h

CIR3GP ☐

MANIFOLD PRESSURE: 3.5" WATER COLUMN
PRESSION AU COLLECTEUR: 3.5" D'UNE COLONNE D'EAU

MINIMUM SUPPLY PRESSURE: 4.5" WATER COLUMN
PRESSION D'ALIMENTATION MINIMALE: 4.5" D'UNE COLONNE D'EAU

MAXIMUM SUPPLY PRESSURE: 7.0" WATER COLUMN
PRESSION D'ALIMENTATION MAXIMALE: 7.0" D'UNE COLONNE D'EAU

P4: 64.2%

THIS VENTED GAS FIREPLACE IS NOT FOR USE WITH AIR FILTERS. FOR USE WITH GLASS DOORS CERTIFIED FOR THIS UNIT ONLY. NOT FOR USE WITH SOLID FUEL.

CE FOYER À GAZ VENTILÉ NE DOIT PAS ÊTRE UTILISÉ CONJOINTEMENT AVEC DES FILTRES À AIR. UTILISER AVEC LES PORTES VITRÉES HOMOLOGUÉES AVEC CETTE UNITÉ SEULEMENT. UN COMBUSTIBLE SOLIDE NE DOIT PAS ÊTRE UTILISÉ AVEC CET APPAREIL.

AVERTISSEMENT: N'A JOUTEZ PAS À CET APPAREIL AUCUN MATÉRIEL DEVANT ENTRER EN CONTACT AVEC LES FLAMMES AUTRE QUE CELUI QUI EST FOURNI AVEC CET APPAREIL PAR LE FABRICANT.

PRODUIT DÉCORATIF: NE PAS UTILISER COMME APPAREIL DU CHAUFFAGE.

CLASS: 115V, 1.5AMP, 60HZ

L'APPAREIL DOIT ÉVACUER SES GAZ EN UTILISANT L'ENSEMBLE D'ÉVACUATION PROPRE À WOLF STEEL. RÉFÉRER AU MANUEL D'INSTALLATION DE PROPRIÉTAIRE POUR L'ÉVACUATION PRÉCISE. IL EST IMPORTANT DE BIEN REINSTALLER ET RESCELLER L'ÉVENT APRÈS AVOIR ASSURÉ LE MAINTIEN DU SYSTÈME DE PRISE D'AIR.

ATTENTION: POUR INSTALLATION DANS UN FOYER VENTILÉ EN MAÇONNERIE, LES DIMENSIONS MINIMUMS SONT: HAUTEUR 19.75", PROFONDEUR 13.25", LARGEUR 29". LE DIAMÈTRE INTÉRIEUR MINIMUM DE CONDUIT D'ÉVACUATION EST DE 4". LA DISTANCE MINIMALE DU BAS DU MANTEAU COMBUSTIBLE FORMANT UNE PROJECTION MAXIMALE DE 3" DU MUR AU DESSUS DE LA GARNITURE NORMALE EST 12". RÉFÉRER AU MANUEL D'INSTALLATION POUR DES EXTENSIONS PLUS GRANDES.

SOUFFLERIE OPTIONNELLE: GZ550-KT, GD65.

SERIAL NUMBER/NO. DE SÉRIE: **IR3G/CIR3G**

W385-1977 / A

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

INSTALLER: It is your responsibility to check off the appropriate box on the rating plate according to the model, venting and gas type of the appliance.

For rating plate location, see "INSTALLATION OVERVIEW" section.

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.

3.0 INSTALLATION



WARNING

RISK OF FIRE, MAINTAIN SPECIFIED AIR SPACE CLEARANCES TO VENT PIPE AND APPLIANCE.

Clean out ashes from the inside of the wood-burning appliance. Make sure that the chimney and wood-burning appliance are in a clean and sound condition and constructed of non-combustible materials. If necessary have any repair work done by a qualified person before installing the insert. Remove the existing appliance damper or lock into an open position.

Using screws, attach the appliance warning tag to the inside of the firebox of the appliance into which the insert is being installed.

The sheet-metal parts of the appliance, in which the gas appliance insert is to be installed, must not be cut.

WARNING: THIS FIREPLACE HAS BEEN CONVERTED FOR USE WITH A GAS FIREPLACE INSERT ONLY AND CANNOT BE USED FOR BURNING WOOD OR SOLID FUELS UNLESS ALL ORIGINAL PARTS HAVE BEEN REPLACED AND THE FIREPLACE IS RE-APPROVED BY THE AUTHORITY HAVING JURISDICTION.

ATTENTION: CE FOYER A ETE CONVERTI AFIN D'ETRE UTILISE SEULEMENT COMME FOYER ENCASTRE AU GAZ ET NE PEUT ETRE UTILISE POUR BRULER DU BOIS OU TOUT AUTRE COMBUSTIBLE SOLIDE, SANS QUE TOUTES LES PIECES ORIGINALES AIENT ETE REMPLACEES ET QUE LE FOYER SOIT APPROUVE DE NOUVEAU PAR LES AUTORITES AYANT JURISDICTION.

ADVERTENCIA: ESTA CHIMENEA SE REMODELO PARA USARSE SOLO CON UNA INSERCIÓN DE CHIMENEA A GAS Y NO PUEDE USARSE PARA QUEMAR MADERA NI COMBUSTIBLES SÓLIDOS, A MENOS QUE SE HAYAN REEMPLAZADO TODAS LAS PIEZAS ORIGINALES, Y LA AUTORIDAD JURISDICCIONAL LA HAYA VUELTO A APROBAR.

W385-0199_B

If the wood-burning factory-built appliance has no gas access hole(s) provided, an access hole of 1½ inch (38.1mm) or less may be drilled through the lower sides or bottom of the appliance in a proper workman like manner. This access hole must be plugged with non-combustible insulation after the gas supply line has been installed.

Ensure that existing chimney cleanouts fit properly.

The refractory, glass doors, screen rails, screen mesh and log grates may be removed from the existing appliance before installing the gas appliance insert.

Smoke shelves, shields and baffles may be removed if attached by mechanical fasteners.

The ventilation openings in the existing appliance may be obstructed by the backer plates, aluminium trim etc. but these parts are not to be applied so as to have an airtight seal.

68.4B

3.1 LEVELLING THE APPLIANCE

Move the appliance close to its final position. This appliance is equipped with levelling screws located on the base. Level using the levelling screws. Levelling the appliance will eliminate rocking or excessive noise when the fan is in operation. Once the appliance is level, move it partially into place to allow for all connections to be made. It is not practical to level the appliance once it has been installed. Determine the required depth prior to installing the appliance and adjust the levelling screws accordingly.

67.2

3.2 CHIMNEY CONNECTION

Chimney installation must conform to both national and local code requirements. The chimney must be lined with one 3" (76mm) diameter liner for intake and one 3" (76mm) diameter liner for exhaust. The minimum and maximum vent lengths are 10 (3m) and 35 (11m) feet respectively. Recommended kits come in 3 lengths:

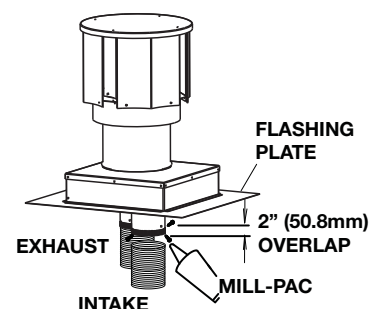
2-3" (51-76mm) DOUBLE PLY ALUMINUM LINER-INLET AND EXHAUST:

GDI-320KT	VENT KIT 20FT
GDI-325KT	VENT KIT 25 FT
GDI-335KT	VENT KIT 35 FT

While the liners must be continuous from the appliance to the chimney cap, to achieve the needed length, they may be coupled, using an approved coupler.

We recommend that exhaust vents that pass through unheated spaces, such as tall exterior chimneys, be wrapped in a protective sleeve to minimize condensation and reverse flow symptoms. See "TROUBLESHOOTING" section for details.

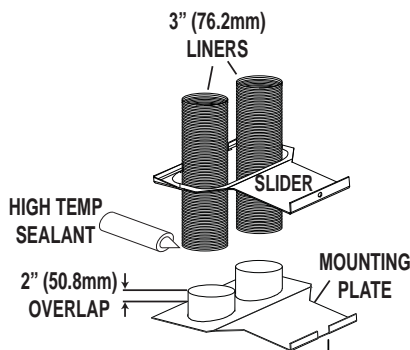
This appliance is approved for use with a 3" (76mm) exhaust and air intake.



- A. **OUTSIDE:** Slip the one end of a liner a minimum of 2" (51mm) over the sleeve of the air terminal. Secure using 3 screws. Then seal the joint and screw heads with high temperature sealant. Repeat with the other liner.

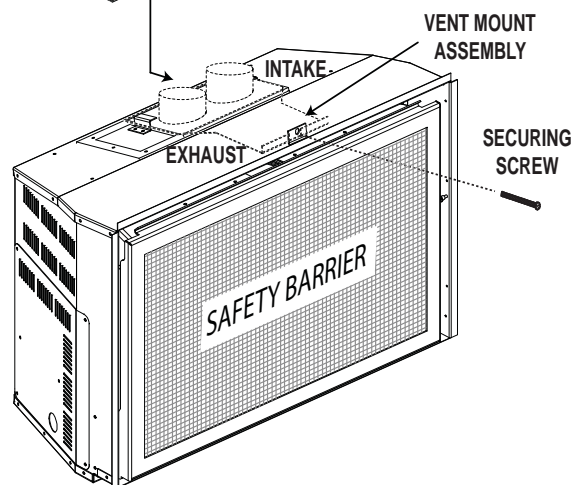
NOTE: We recommend that the other end of the exhaust liner be marked to eliminate the exhaust liner being connected to the intake collar at the appliance.

- B. Gently stretch the liners to the required lengths and insert into the chimney. Trim and fit the flashing plate to suit the chimney termination. Place the air terminal onto the top of the chimney. Make weather tight by sealing with caulking (not supplied). Fasten to the chimney with screws and plugs (not supplied).




- C. **INSIDE:** Remove the securing screw from the front of the vent mounting assembly. Slide the vent mount assembly from the track. Route the flex liners through the slider. Attach and secure the liners to the vent mounting plate, ensuring that the marked exhaust liner is attached to the exhaust collar.

- D. The appliance may now be pushed into the opening and the mounting plate assembly slid back into the track, and the securing screw started. Once the appliance is in its final position, tighten the securing screw until the slider makes contact with the front stop.



3.3 GAS INSTALLATION

 WARNING	
RISK OF FIRE, EXPLOSION OR ASPHYXIATION. ENSURE THERE ARE NO IGNITION SOURCES SUCH AS SPARKS OR OPEN FLAMES.	
SUPPORT GAS CONTROL WHEN ATTACHING GAS SUPPLY PIPE TO PREVENT DAMAGING GAS LINE.	
ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RUN OUT WITH THE GLASS DOOR OPENED OR REMOVED. PURGING OF THE GAS SUPPLY LINE SHOULD BE PERFORMED BY A QUALIFIED SERVICE TECHNICIAN. ASSURE THAT A CONTINUOUS GAS FLOW IS AT THE BURNER BEFORE CLOSING THE DOOR. ENSURE ADEQUATE VENTILATION. FOR GAS AND ELECTRICAL LOCATIONS, SEE "DIMENSIONS" SECTION.	
ALL GAS CONNECTIONS MUST BE CONTAINED WITHIN THE APPLIANCE WHEN COMPLETE.	
HIGH PRESSURE WILL DAMAGE VALVE. DISCONNECT GAS SUPPLY PIPING BEFORE TESTING GAS LINE AT TEST PRESSURES ABOVE 1/2 PSIG.	
VALVE SETTINGS HAVE BEEN FACTORY SET, DO NOT CHANGE.	

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.**

30.1A

4.0 FINISHING

! WARNING	
RISK OF FIRE!	
NEVER OBSTRUCT THE FRONT OPENING OF THE APPLIANCE.	
IF FINISHING THE FRONT OF THE APPLIANCE, IT MUST BE FINISHED WITH ANY NON-COMBUSTIBLE MATERIAL SUCH AS BRICK, MARBLE, GRANITE, ETC.	
DO NOT STRIKE, SLAM OR SCRATCH GLASS. DO NOT OPERATE APPLIANCE WITH GLASS REMOVED, CRACKED, BROKEN OR SCRATCHED.	
FACING AND/OR FINISHING MATERIAL MUST NEVER OVERHANG INTO THE APPLIANCE OPENING.	

EN

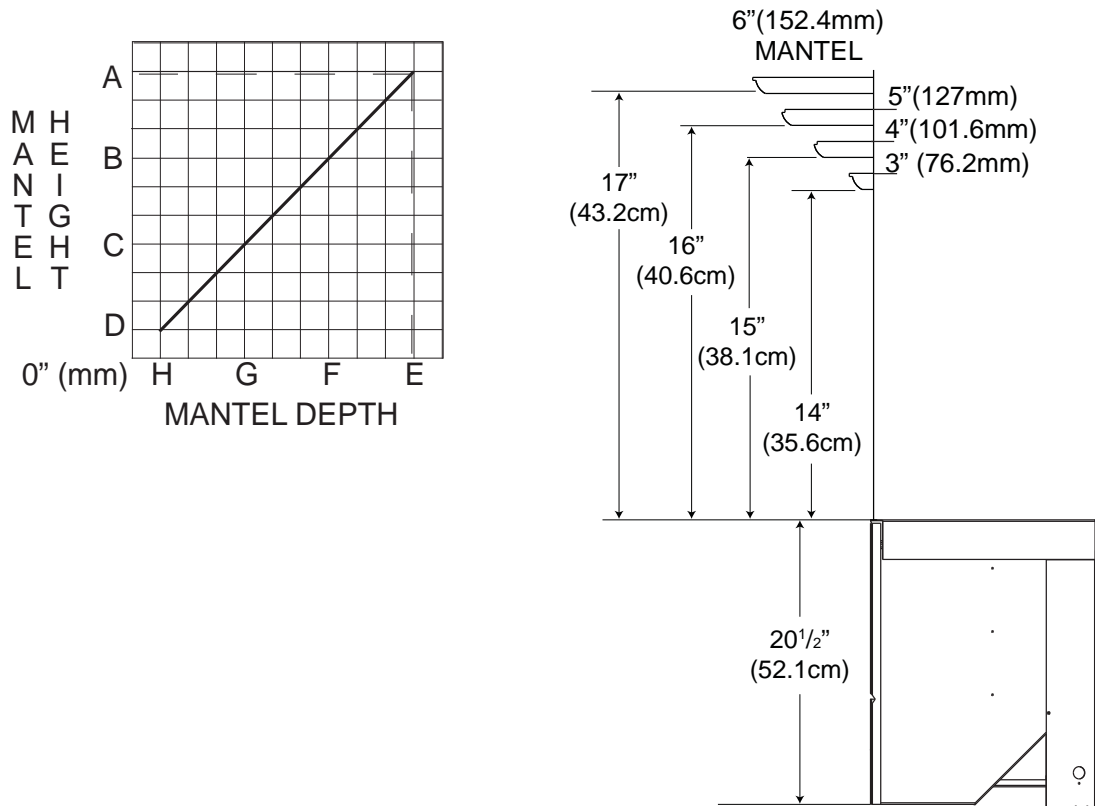
72.1B

4.1 MINIMUM COMBUSTIBLES MANTEL CLEARANCES

! WARNING	
RISK OF FIRE, MAINTAIN ALL SPECIFIED AIR SPACE CLEARANCES TO COMBUSTIBLES. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY CAUSE A FIRE OR CAUSE THE APPLIANCE TO OVERHEAT. ENSURE ALL CLEARANCES (I.E. BACK, SIDE, TOP, VENT, MANTEL, FRONT, ETC.) ARE CLEARLY MAINTAINED.	
WHEN USING PAINT OR LACQUER TO FINISH THE MANTEL, THE PAINT OR LACQUER MUST BE HEAT RESISTANT TO PREVENT DISCOLOURATION.	

73.1

Combustible mantel clearance can vary according to the mantel depth. Use the graph to help evaluate the clearance needed. These same requirements apply to any combustibles protruding on either side of the appliance.





4.2 SAFETY SCREEN & DOOR REMOVAL / INSTALLATION



WARNING

GLASS MAY BE HOT, DO NOT TOUCH GLASS UNTIL COOLED.

IF EQUIPPED WITH DOOR LATCHES THAT ARE PART OF A SAFETY RELIEF SYSTEM, THEY MUST BE PROPERLY ENGAGED. DO NOT OPERATE THE APPLIANCE WITH LATCHES DISENGAGED.

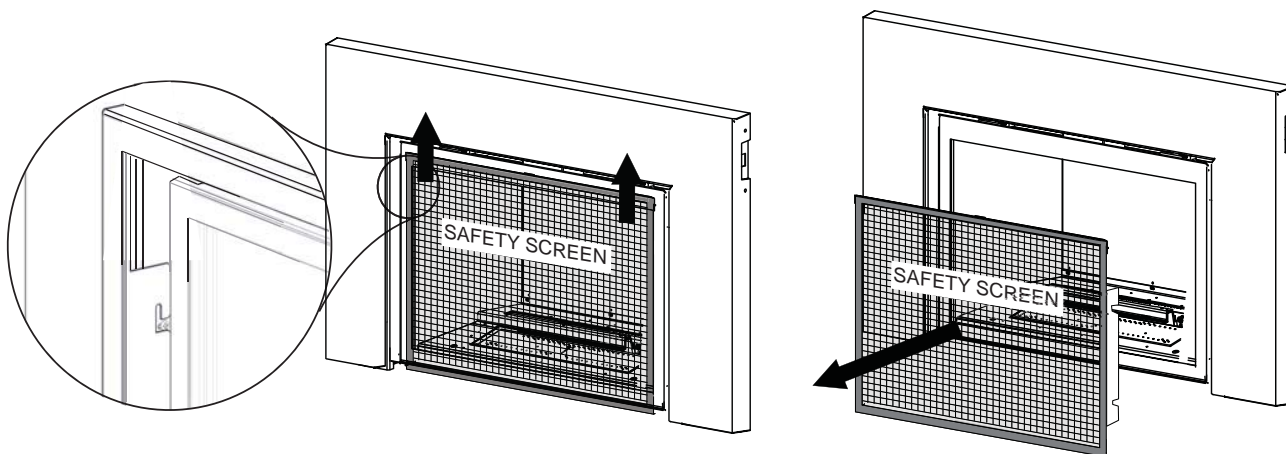
FACING AND/OR FINISHING MATERIALS MUST NOT INTERFERE WITH AIR FLOW THROUGH AIR OPENINGS, LOUVRE OPENINGS, OPERATION OF LOUVRES OR DOORS OR ACCESS FOR SERVICE. OBSERVE ALL CLEARANCES WHEN APPLYING COMBUSTIBLE MATERIALS.

BEFORE DOOR IS REMOVED TURN THE APPLIANCE OFF AND WAIT UNTIL APPLIANCE IS COOL TO THE TOUCH. DOORS ARE HEAVY AND FRAGILE SO HANDLE WITH CARE.

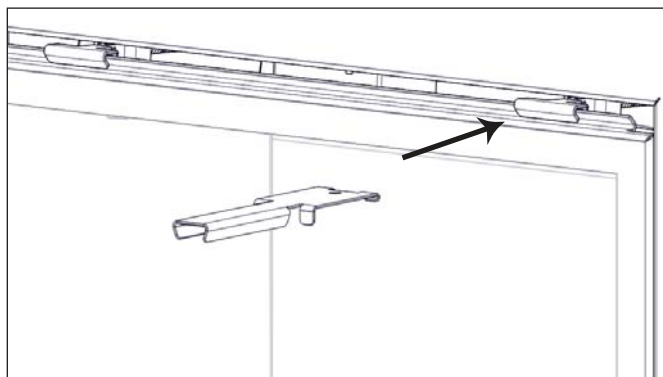
75.1A

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with the appliance and must be installed.

Before the glass door can be removed, the safety screen must be removed. Lift the safety screen off the 4 side pins, tilt the top forward and remove from the unit.




The optional front must be removed to allow the door to be opened or closed. Release the top left and right door latches, located at the top of the door. Tilt forward and lift from slots.



Reverse these steps to re-install the safety screen and door. Ensure safety screen is installed correctly.

4.3 MEDIA INSTALLATION

<div style="text-align: center;">  WARNING </div>	
CLEAN THE GLASS MEDIA PRIOR TO INSTALLATION. BEFORE APPLYING THE CLEANED GLASS, ENSURE THAT IT IS DRY.	
DO NOT CHANGE OR SUBSTITUTE THE GLASS MEDIA MATERIAL PROVIDED WITH THIS APPLIANCE. IF REPLACING, USE ONLY THE REPLACEMENT GLASS MEDIA AVAILABLE FROM YOUR AUTHORIZED DEALER / DISTRIBUTOR.	
GLASS MEDIA OVER THE BURNER MUST NOT BE MORE THAN ONE LAYER HIGH. MORE THAN ONE LAYER OVER THE BURNER WILL CAUSE FLAME LIFTING AND SOOTING PROBLEMS.	
DO NOT PLACE ANY MEDIA (GLASS OR VERMICULITE) IN OR AROUND THE PILOT OPENING. THIS WILL INTERFERE WITH THE PILOT OPERATION.	

Evenly spread the glass media onto the media tray, covering the burner tube and tray.

Glass media over the burner ports may cause a "Puffing" sound. To eliminate this sound, simply push the media away from the burner ports.

NOTE: The distribution of glass media over the burner ports will influence the flame height. When the flames impinge on the glass, the glass may discolour slightly and the edges may soften.

NOTE: Do not use more media than what was supplied with the appliance.

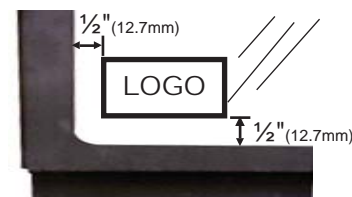
CLEANING GLASS MEDIA

Glass media 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 placing over the burner.

74.1C

4.4 LOGO PLACEMENT

Remove the backing of the logo supplied and place on the glass viewing door, as indicated.



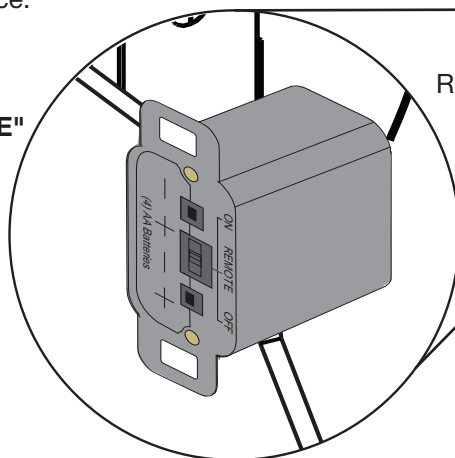
97.1A



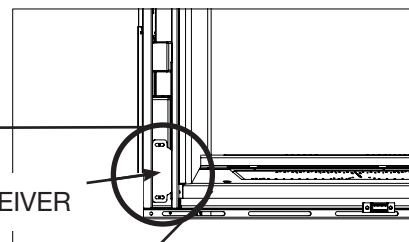
4.5 BATTERY INSTALLATION

4 AA batteries must be installed into the receiver before operation is possible in the IR3G. The receiver is located in the bottom left corner of the appliance.

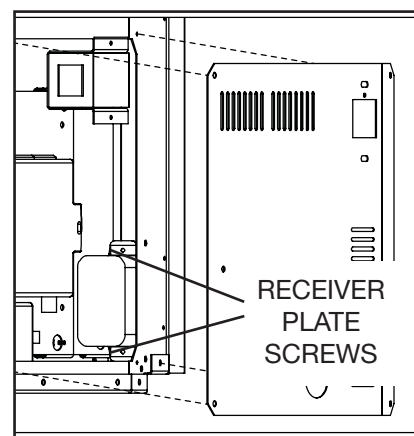
NOTE: Ensure the 3 position slider switch is in the "REMOTE" position (middle position).



RECEIVER



If receiver removal is necessary, remove the left access panel from the front of the appliance. Remove the 2 screws holding the receiver in place. Pull the receiver through the access hole and replace.



5.0 ELECTRICAL INFORMATION

5.1 WIRING DIAGRAM

! WARNING

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.

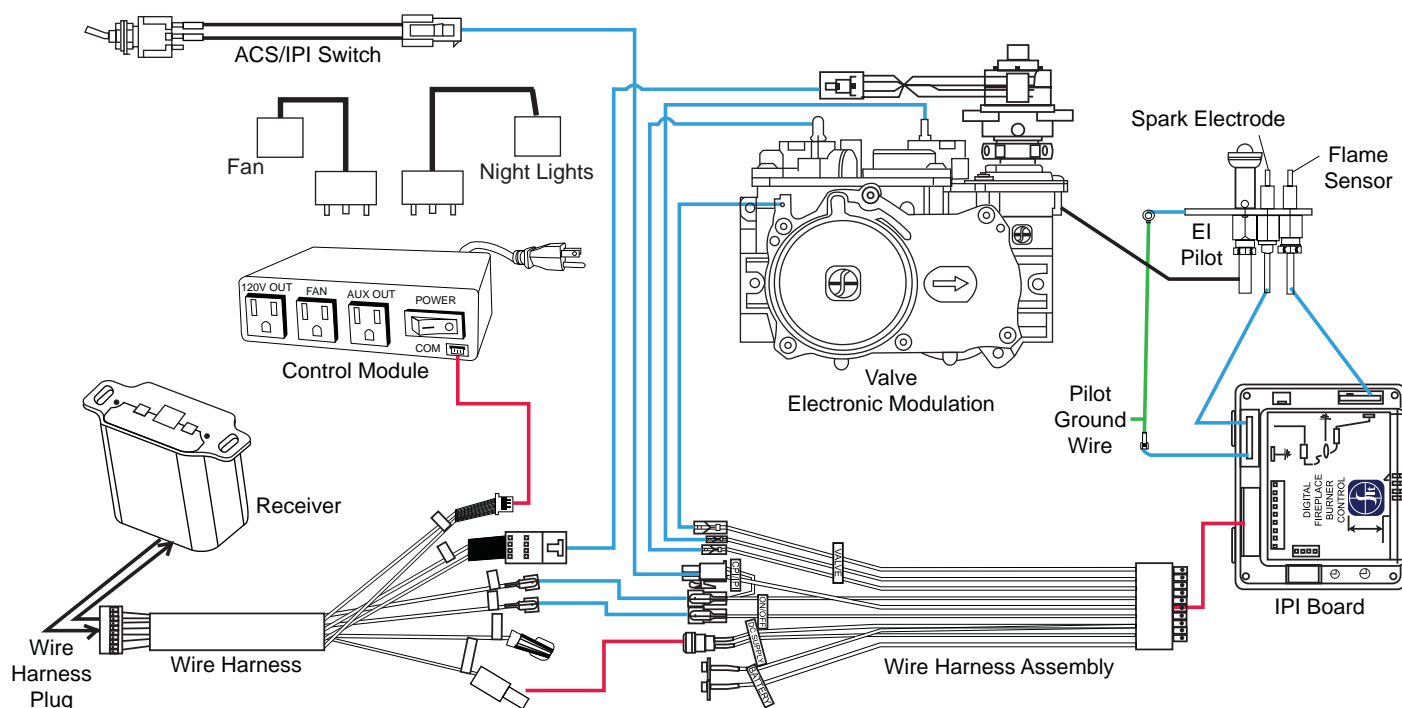
RISK OF ELECTRICAL SHOCK OR EXPLOSION. DO NOT WIRE 110V TO THE VALVE OR TO THE APPLIANCE WALL SWITCH. INCORRECT WIRING WILL DAMAGE CONTROLS.

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 ELECTRIC CODE IN CANADA OR THE CURRENT NATIONAL ELECTRIC CODE ANSI/NFPA NO. 70 IN THE UNITED STATES.

ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RUN OUT, WITH THE GLASS DOOR OPENED OR REMOVED.

69.2_2

This appliance comes equipped with a battery back-up. If this back-up is used, install 4 AA batteries (not supplied) into the receiver.



6.0 OPERATION



IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

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 a slight odour for a few hours. This is a normal temporary condition caused by the "burn-in" of internal paints and lubricants used in the manufacturing process and will not occur again. Simply open a window to sufficiently ventilate the room. After extended periods of non-operation such as following a vacation or a warm weather season, the appliance may emit a slight odour for a few hours. This is caused by dust particles in the heat exchanger burning off. Open a window to sufficiently ventilate the room.

6.1 OPERATING AND LIGHTING INSTRUCTIONS

OPERATING INSTRUCTIONS / INSTRUCTIONS D'OPÉRATION FOR YOUR SAFETY READ BEFORE OPERATING / POUR VOTRE SÉCURITÉ LIRE AVANT DE FAIRE FONCTIONNER

WARNING: DO NOT TURN ON IF CHILDREN OR OTHER AT RISK INDIVIDUALS ARE NEAR THE APPLIANCE. IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE. INITIAL LIGHTING OF THE PILOT AND MAIN BURNERS MUST BE DONE WITH THE GLASS DOOR OFF. DO NOT CONNECT VALVE OR WALL SWITCH TO ELECTRICITY. SEE INSTALLATION INSTRUCTIONS.

A. THIS APPLIANCE IS EQUIPPED WITH AN IGNITION DEVICE WHICH AUTOMATICALLY LIGHTS THE PILOT. DO NOT TRY TO LIGHT BY HAND.
B. 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.

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 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.
- C. DO NOT TRY TO REPAIR ANY PART OF THIS ASSEMBLY. 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 AND REPLACE ANY PART OF THE CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.

ATTENTION: NE PAS ALLUMER SI DES ENFANTS OU D'AUTRES INDIVIDUS À RISQUE SONT À PROXIMITÉ DU FOYER. QUICONQUE NE RESPECTE PAS À LA LETTRE LES INSTRUCTIONS DANS LA PRÉSENTE NOTICE, RISQUE DE DÉCLANCHER UN INCENDIE OU UN EXPLOSION ENTRAÎNANT DES DOMMAGES, DES BLESSURES OU LA MORT. L'ALLUMAGE INITIAL DE LA VEILLEUSE ET DU BRÛLEUR PRINCIPAL DOIT SE FAIRE AVEC LA PORTE VITRÉE ENLEVÉE. NE RACCORDEZ PAS LA SOUPAPE OU L'INTERRUPTEUR MURAL À L'ÉLECTRICITÉ. CONSULTEZ LES INSTRUCTIONS D'INSTALLATION.



A. CET APPAREIL EST MUNI D'UN DISPOSITIF D'ALLUMAGE QUI ALLUME AUTOMATIQUEMENT LA VEILLEUSE. NE TENTEZ PAS D'ALLUMER LA VEILLEUSE MANUELLEMENT.
B. AVANT DE FAIRE FONCTIONNER, RENIFLEZ TOUT AUTOUR DE L'APPAREIL POUR DÉCELER UN ODEUR DE GAZ. RENIFLEZ PRÈS DU PLANCHER, CAR CERTAINS GAZ SONT PLUS LOURDS QUE L'AIR ET PEUVENT S'ACCUMULER AU NIVEAU DU SOL.

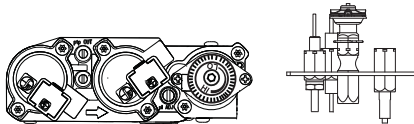
QUE FAIRE SI VOUS DÉTECTEZ UNE ODEUR DE GAZ:



- COUPEZ L'ALIMENTATION DE GAZ PRINCIPALE.
- OUVREZ LES FENÊTRES.
- NE PAS TENTER D'ALLUMER D'APPAREIL.
- NE TOUCHEZ À AUCUN INTERRUPTEUR; NE PAS VOUS SERVIR DES TÉLÉPHONES SE TROUVANT DANS LE BÂTIMENT.
- APPELÉZ IMMÉDIATEMENT VOTRE FOURNISSEUR DE GAZ DEPUIS UN VOISIN. SUIVEZ LES INSTRUCTIONS DU FOURNISSEUR.
- SI VOUS NE POUVEZ REJOINDRE LE FOURNISSEUR APPELÉZ LE SERVICE DES INCENDIES.
- C. N'ESSAYEZ PAS DE RÉPARER AUCUNE PIÈCE DE CET ASSEMBLAGE. APPELÉZ UN TECHNICIEN QUALIFIÉ. FORCER OU TENTER DE RÉPARER L'ASSEMBLAGE POURRAIT CAUSER UN FEU OU UNE EXPLOSION.
- D. N'UTILISEZ PAS CET APPAREIL S'IL A ÉTÉ PLONGÉ DANS L'EAU, MÊME PARTIELLEMENT. FAITES INSPECTER L'APPAREIL PAR UN TECHNICIEN QUALIFIÉ ET REMPLACEZ TOUTE PARTIE DU SYSTÈME DE CONTRÔLE ET TOUTE COMMANDE QUI ONT ÉTÉ PLONGÉS DANS L'EAU.

W385-0460 / E


LIGHTING INSTRUCTIONS / INSTRUCTIONS D'ALLUMAGE


1. **STOP!** READ ALL INFORMATION OF OPERATING AND LIGHTING INSTRUCTIONS BEFORE PROCEEDING.
2. TURN OFF ELECTRICAL POWER TO THE APPLIANCE.
3. THIS APPLIANCE IS EQUIPPED WITH AN IGNITION DEVICE WHICH AUTOMATICALLY LIGHTS THE PILOT. DO NOT TRY TO LIGHT THE PILOT BY HAND.
4. OPEN THE GLASS DOOR.
5. TURN MANUAL SHUTOFF VALVE CLOCKWISE  TO OFF.
6. WAIT FIVE (5) MINUTES TO CLEAR OUT ANY GAS. IF YOU SMELL GAS, INCLUDING NEAR THE FLOOR. **STOP!** FOLLOW "B" OF THE OPERATING INSTRUCTIONS. IF YOU DON'T SMELL GAS, GO TO THE NEXT STEP.
7. TURN MANUAL SHUTOFF VALVE COUNTER-CLOCKWISE  TO ON.
8. CLOSE THE GLASS DOOR.
9. TURN ON ALL ELECTRICAL POWER TO THE APPLIANCE.
10. TURN ON MAIN BURNER.



1. **ARRÊTEZ!** LISEZ TOUTES LES INSTRUCTIONS DE FONCTIONNEMENT ET D'ALLUMAGE AVANT DE CONTINUER.
2. COUPEZ L'ALIMENTATION ÉLECTRIQUE À L'APPAREIL.
3. CET APPAREIL EST MUNI D'UN DISPOSITIF D'ALLUMAGE QUI ALLUME LA VEILLEUSE AUTOMATIQUEMENT. N'ESSAYEZ PAS D'ALLUMER LA VEILLEUSE MANUELLEMENT.
4. OUVREZ LA PORTE VITRÉE.
5. TOURNEZ LA SOUPAPE DE SECTIONNEMENT MANUELLE VERS LA DROITE  À « OFF ».
6. ATTENDEZ CINQ (5) MINUTES POUR QUE LE GAZ PUISSE S'ÉCHAPPER. SI VOUS DÉTECTEZ UNE ODEUR DE GAZ, **ARRÊTEZ!** SUIVEZ « B » DANS LES INSTRUCTIONS DE FONCTIONNEMENT. S'IL N'Y A PAS D'ODEUR DE GAZ, PASSEZ À L'ÉTAPE SUIVANTE.
7. TOURNEZ LA SOUPAPE DE SECTIONNEMENT MANUELLE VERS LA GAUCHE  À « ON ».
8. FERMEZ LA PORTE VITRÉE.
9. RÉTABLISSEZ L'ALIMENTATION ÉLECTRIQUE AU FOYER.
10. ALLUMEZ LE BRÛLEUR PRINCIPAL.

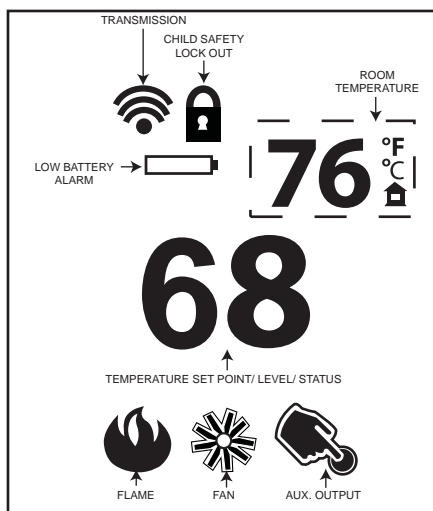
TO TURN OFF GAS / INSTRUCTIONS POUR COUPER LE GAZ

1. TURN OFF ALL ELECTRICAL POWER TO THE APPLIANCE IF SERVICE IS TO BE PERFORMED.
2. TURN MANUAL SHUTOFF VALVE CLOCKWISE  TO OFF. DO NOT FORCE.

1. COUPEZ L'ALIMENTATION ÉLECTRIQUE AU FOYER SI UN TRAVAIL D'ENTRETIEN DOIT SE FAIRE.
2. TOURNEZ LA SOUPAPE D'ARRÊT MANUELLE VERS LA DROITE  À « OFF ». NE FORCEZ PAS.

W385-0460 / E

6.2 GENERAL TRANSMITTER LAYOUT



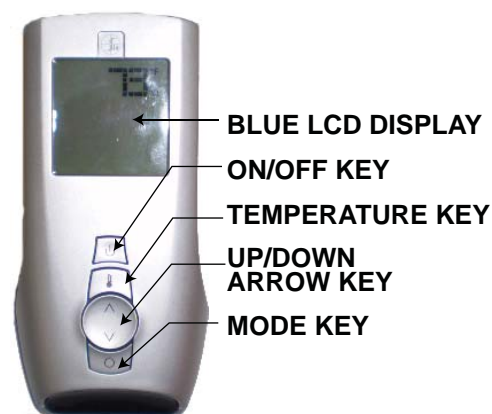
6.3 APPLIANCE OPERATION

- Install 4 AA batteries into the receiver battery bay as indicated on the battery cover (+/-). (Only required as back up to household electricity).
- Place the 3 position slider switch of the receiver in the "Remote" position.
- Using the end of a paper clip, or other similar object, insert the end of the paper clip into the hole marked "PRG" on the receiver front cover. The receiver will "beep" three (3) times to indicate that it is ready to synchronize with the transmitter.
- Install the 3 AAA batteries in the transmitter battery bay, located on the base of the transmitter. With the batteries already installed in the transmitter, push the "ON" button. The receiver will "beep" four times to indicate the transmitter's command is accepted and set to the particular code of that transmitter. The system is now initialized.

35.2A

6.4 HAND HELD REMOTE OPERATIONS

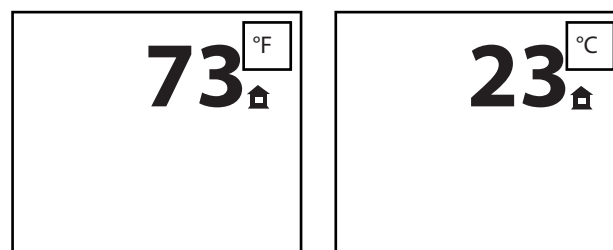
- Press the ON/OFF key on the transmitter. The transmitter display will show all active icons on the screen. A single "beep" from the receiver will confirm reception of the command.



35.4A

6.5 TEMPERATURE DISPLAY

- With the system in the "OFF" position, press the Temperature Key and the Mode Key at the same time to change from degrees F to C.
- Look at the LCD screen on the Transmitter to verify that a C or F is visible to the right of the Room Temperature display.

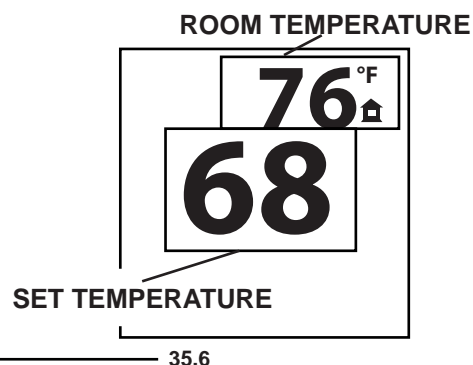


35.5A

6.6 ROOM THERMOSTAT

The remote transmitter can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in the room.

- Press the Thermostat Key. The LCD display on the Transmitter will show that the room is "ON" and the set temperature is now displayed.
- To adjust the set temperature, press the Up/Down Arrow Keys until the desired set temperature is displayed on the LCD screen of the Transmitter.

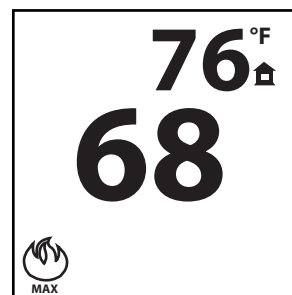


35.6

6.7 SMART THERMOSTAT

The Smart Thermostat function adjusts the flame height according to the difference between the set temperature and the actual room temperatures. As the room temperature gets closer to the set point the Smart Function will automatically adjust the flame down.

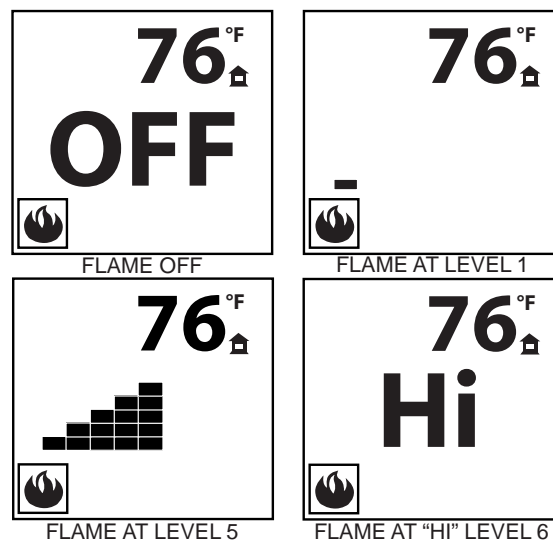
- Press the thermostat key until the word "SMART" appears to the right of the temperature bulb graphic.
- To adjust the set temperature, press the Up/Down arrow keys until the desired set temperature is displayed on the LCD screen at the Transmitter.



35.7

6.8 FLAME HEIGHT

The remote control has six (6) flame levels. With the system on and the flame level at the maximum, press the Down Arrow Key once and it will 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 the high position. A single "beep" will confirm reception of the command.



35.8A

6.9 CHILD PROOF FUNCTION

This function will lock the keys to avoid unsupervised operation.

- Press the MODE and UP keys at the same time.
- To de-activate this function, press the MODE and UP keys at the same time.

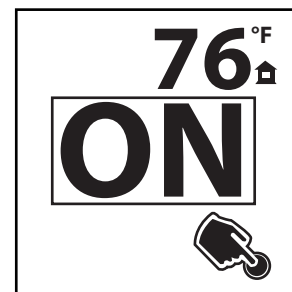


35.10A

6.10 NIGHT LIGHT

The auxiliary function controls the AUX power outlet on the Control Module which controls the NIGHT LIGHT™.

- A. Use the Mode Key to guide you to the AUX icon.
- B. Pressing the Up Arrow Key will activate the NIGHT LIGHT™.
- C. Pressing the Down Arrow Key will turn the NIGHT LIGHT™ off. A single “beep” will confirm the reception of the command.



35.12A

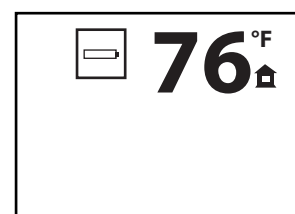
6.11 LOW BATTERY / MANUAL BYPASS

The life span of the remote batteries depends on various factors: quality of the batteries, the number of ignitions, etc.

When the transmitter batteries are low, a battery icon will appear on the LCD display before all battery power is lost. When the batteries are replaced, this icon will disappear.

When the receiver batteries are low, no “beep” will be emitted from the receiver when it receives an ON/OFF command. This is an alert for the receiver that there’s low battery. When the batteries are replaced, the “beep” will be emitted from the receiver when the ON/OFF key is pressed.

If the batteries of the receiver or transmitter are low, the appliance can be turned on manually by sliding the three position slider switch on the receiver to the “ON” position. This will bypass the remote control feature and the appliance main burner will come on if the gas valve is in the “ON” position.



35.13A

6.12 IN THE EVENT OF A POWER FAILURE

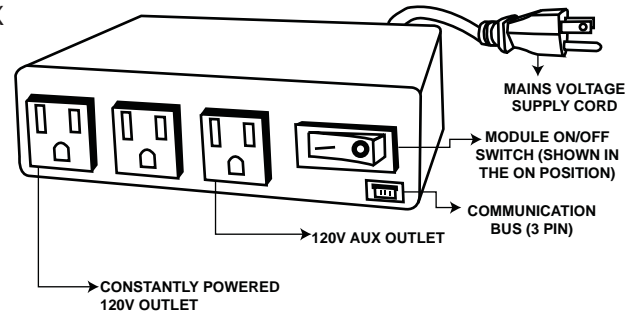
If the receiver is equipped with batteries they will enable flame height control or ON/OFF function to control the fireplace during a power failure. Refer to “APPLIANCE OPERATION” section when communications between receiver and transmitter have been lost. The receiver will emit a “beep” sound to confirm programming has been successful once power is restored. During a power failure, if the fireplace was on, the flame height will stay at the setting prior to the failure. If off when the failure occurs and then turned on, the flame height will come on at “HI”. The flame height can then be controlled by the remote.

35.14A

6.13 CONTROL MODULE

The control module offers a remotely actuated 120V AUX outlet for the accent lights and a constantly powered 120V outlet.

NOTE: Control module ON/OFF switch should always be in the “ON” position. If for any reason the module is turned “OFF”, the components plugged into the module won’t have power.



35.16

6.14 TIMED BLOWER

Your remote system may have a built in timer (in thermostat mode) that enables the blower (if equipped) to cycle on and off automatically when the burner turns on and off. With the remote control fan speed preset at the preferred speed, the blower will come on approximately 5 minutes after the main burner comes on and will shut off approximately 12 minutes after the burner shuts off.

This time delay is designed to maximize the blower distribution of heated air.

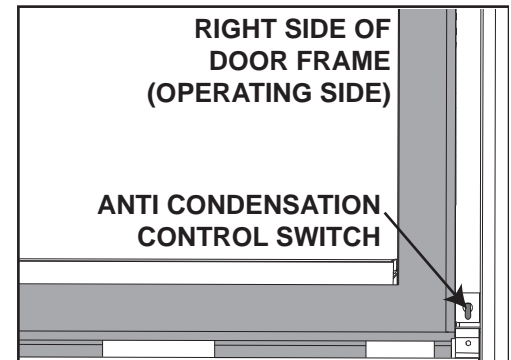
If at any time the burner re-ignites before the twelve minutes are over, the fan will continue to run.

NOTE: At any time in the sequence, the blower (if equipped) can be manually turned on/off using the remote control.

35.19B

6.15 ANTI CONDENSATION CONTROL SWITCH

This appliance has the option to go from an electronic intermittent pilot ignition to a standing pilot for cold climates.



7.0 ADJUSTMENTS

7.1 PILOT BURNER ADJUSTMENT

Adjust the pilot screw to provide properly sized flame. Turn in a clockwise direction to reduce the gas flow.

Check Pressure Readings:

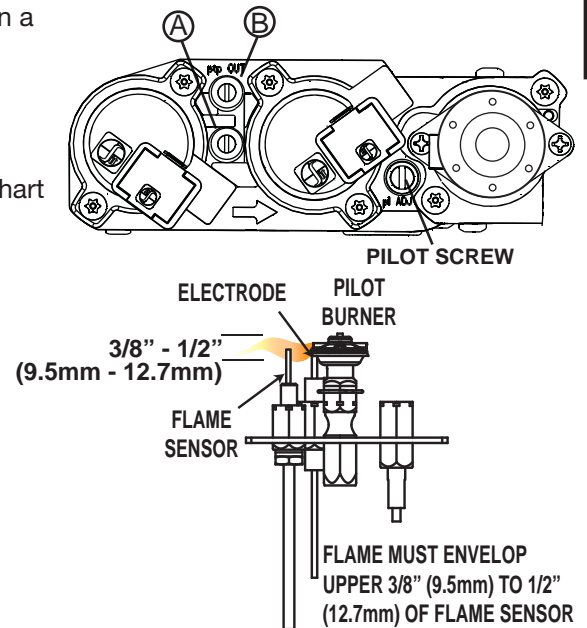
Inlet pressure can be checked by turning screw (A) counter-clockwise 2 or 3 turns and then placing pressure gauge tubing over the test point. Gauge should read as described on the chart below. Check pressure with main burner operating on "HI".

Outlet pressure can be checked the same as above using screw (B). Gauge should read as described on the chart below. Check pressure with main burner operating on "HI".

AFTER TAKING PRESSURE READINGS, BE SURE TO TURN SCREWS CLOCKWISE FIRMLY TO RESEAL. DO NOT OVERTORQUE.

Leak test with a soap and water solution.

Prior to pilot adjustment, ensure that the pilot assembly has not been painted. If overspray or painting of the pilot assembly has occurred remove the paint from the pilot assembly, or replace. Fine emery cloth or a synthetic scrub pad (such as Scotch-Brite™) can be used to remove the paint from the pilot hood, electrode and flame sensor.



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

*Maximum inlet pressure not to exceed 13".

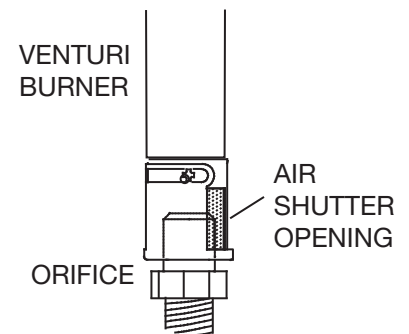
39.1E

7.2 VENTURI ADJUSTMENT

This appliance has an air shutter that has been factory set open according to the chart below:

Regardless of venturi orientation, closing the air shutter will cause a more yellow flame, but can lead to carbonization. Opening the air shutter will cause a more blue flame, but can cause flame lifting from the burner ports. The flame may not appear yellow immediately; allow 15 to 30 minutes for the final flame colour to be established.

AIR SHUTTER ADJUSTMENT MUST ONLY BE DONE BY A QUALIFIED INSTALLER!

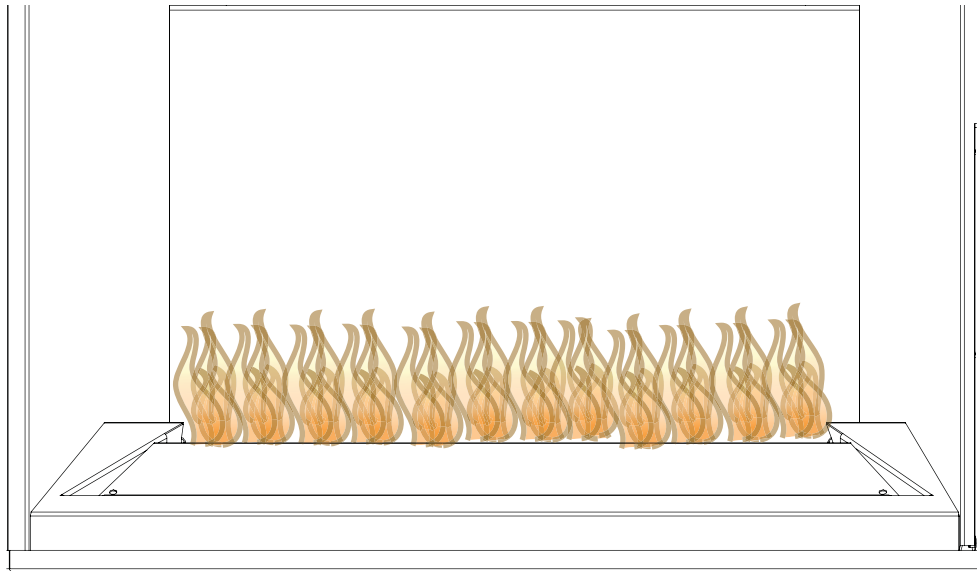
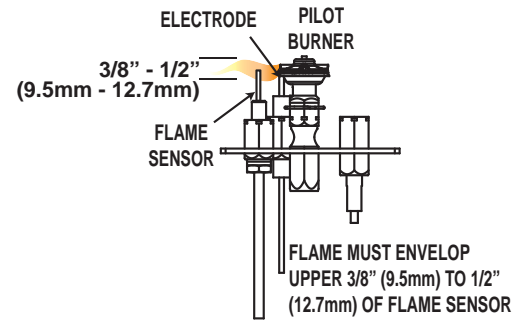


49.1

IR3G	
NG	1/8" (3mm)
LP	1/2" (13mm)

7.3 FLAME CHARACTERISTICS

It is important to periodically perform a visual check of the pilot and burner flames. Compare them to the illustration provided. If any flames appear abnormal, call a service person.



8.0 MAINTENANCE

EN

WARNING

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THE APPLIANCE.

APPLIANCE MAY BE HOT, DO NOT SERVICE UNTIL APPLIANCE HAS COOLED.

DO NOT USE ABRASIVE CLEANERS.

DO NOT PAINT THE PILOT ASSEMBLY.

This appliance and its venting system should be inspected before use and at least annually by a qualified service person. The following suggested checks should be performed by a qualified technician. The appliance area must be kept clear and free of combustible materials, gasoline or other flammable vapors and liquids. The flow of combustion and ventilation air must not be obstructed.

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

- A.** In order to properly clean the burner and pilot assembly, remove the logs, rocks and/or glass to expose both assemblies.
- B.** Keep the control compartment, media, burner, air shutter opening and the area surrounding the logs clean by vacuuming or brushing, at least once a year.
- C.** Check to see that all burner ports are burning. Clean out any of the ports which may not be burning or are not burning properly.
- D.** Check to see that the pilot flame is large enough to engulf the flame sensor and/or thermocouple / thermopile as well as reaches the burner.
- E.** Replace the cleaned logs, rocks or glass. Failure to properly position the media may cause carbon which can be distributed inside of firebox and on exterior surfaces surrounding vent termination.
- F.** Check to see that the main burner ignites completely on all openings when turned on. A 5 to 10 second total light-up period is satisfactory. Service as required.
- G.** Check that the gasketing on the sides, top and bottom of the door is not broken or missing. Replace if necessary.
- H.** If for any reason the vent air intake system is disassembled, re-install and re-seal per the instructions provided for the initial installation.
- I.** Cleaning the safety barrier may be necessary due to excessive lint / dust from carpeting, pets, etc. simply vacuum using the brush attachment.
- J.** Ensure the relief system performs effectively. Check that the gasket is not worn or damaged. Replace if necessary.

40.1E



8.1 ANNUAL MAINTENANCE



WARNING

THE FIREBOX BECOMES VERY HOT DURING OPERATION. LET THE APPLIANCE COOL COMPLETELY OR WEAR HEAT RESISTANT GLOVES BEFORE CONDUCTING SERVICE.

NEVER VACUUM HOT EMBERS.

DO NOT PAINT THE PILOT ASSEMBLY.

- This appliance will require maintenance which should be planned on an annual basis.
- Service should include cleaning, battery replacement, venting inspection and inspection of the burner, media and firebox. Refer to the door removal section and remove the door as instructed.
- Carefully remove media if necessary (logs, glass, brick panels etc).
- Using a vacuum with a soft brush attachment, gently remove any dirt, debris or carbon build up from the logs, firebox and burner. For glass media, follow the installation instructions for pre-cleaning.
- Also gently remove any build-up on the pilot assembly including, if equipped; thermopile, thermocouple, flame sensor and igniter. **NOTE: Clean flame sensor using a fine emery cloth or a synthetic scrub pad (such as Scotch-Brite™) to remove any oxides. Clean the pilot assembly using a vacuum with a soft brush attachment. It is important that the pilot assembly is not painted.**
- Inspect all accessible gaskets and replace as required.
- Access the blower, if equipped and clean using a soft brush and vacuum.
- Re-assemble the various components in reverse order.
- Inspect the relief system. The appliance relieves through the main glass door or through the flaps on the firebox top. Ensure they open freely, and close sealed.
- Check the gas control valve pilot and Hi / Lo knobs move freely (if equipped) – replace if any stiffness in movement is experienced.
- Check for gas leaks on all gas connections up and downstream from the gas valve including the pilot tube connections.

37.1E

8.2 CARE OF GLASS

DO NOT CLEAN GLASS WHEN HOT! DO NOT USE ABRASIVE CLEANERS TO CLEAN GLASS.

Buff lightly with a clean dry soft cloth. Clean both sides of the glass after the first 10 hours of operation with a recommended fireplace glass cleaner. Do not use an ammonia-based fireplace glass cleaner. Thereafter clean as required. If the glass is not kept clean permanent discoloration and / or blemishes may result.



WARNING



HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

5.1A

This appliance is factory equipped with 5mm ceramic glass. Use only replacement parts as supplied by the appliance manufacturer. **DO NOT SUBSTITUTE MATERIALS.**

5.5.1A

8.3 CARE OF PLATED PARTS

If the appliance is equipped with plated parts, you must clean fingerprints or other marks from the plated surfaces before operating the appliance for the first time. Use a glass cleaner or vinegar and towel to clean. If not cleaned properly before operating for the first time, the marks can cause permanent blemishes on the plating. After the plating is cured, the fingerprints and oils will not affect the finish and little maintenance is required, just wipe clean as needed. Prolonged high temperature burning with the door ajar may cause discoloration on plated parts.

NOTE: 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.

6.1

8.4 DOOR GLASS REPLACEMENT

! WARNING
DO NOT USE SUBSTITUTE MATERIALS.
GLASS MAY BE HOT, DO NOT TOUCH GLASS UNTIL COOLED.
CARE MUST BE TAKEN WHEN REMOVING AND DISPOSING OF ANY BROKEN DOOR GLASS OR DAMAGED COMPONENTS. BE SURE TO VACUUM UP ANY BROKEN GLASS FROM INSIDE THE APPLIANCE BEFORE OPERATION.
DO NOT STRIKE, SLAM OR SCRATCH GLASS. DO NOT OPERATE APPLIANCE WITH GLASS REMOVED, CRACKED, BROKEN OR SCRATCHED.

Replacement glass/frame assembly shall be replaced as a complete unit as supplied by the appliance manufacturer.

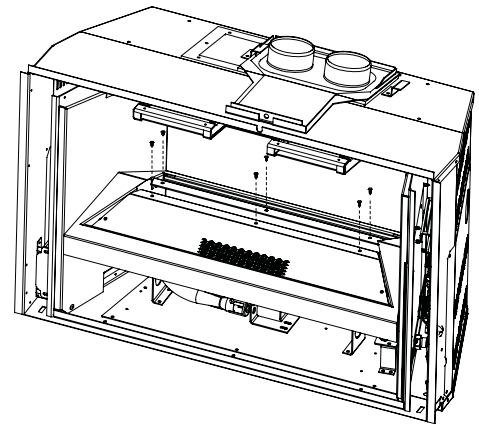
56.1C

8.5 MEDIA TRAY INSTALLATION

Secure the media tray to the burner using 6 screws (W570-0001).

When removing the media tray make sure the glass media is away from the center of the screen, exposing the burner, remove screws and lift media tray out.

When replacing burner, absolutely no glass media can be surrounding the orifice. **HINT:** If glass surrounds the orifice, insert a clean bag into a vacuum cleaner and vacuum out glass media. Replacement glass media can be ordered from Wolf Steel Ltd.



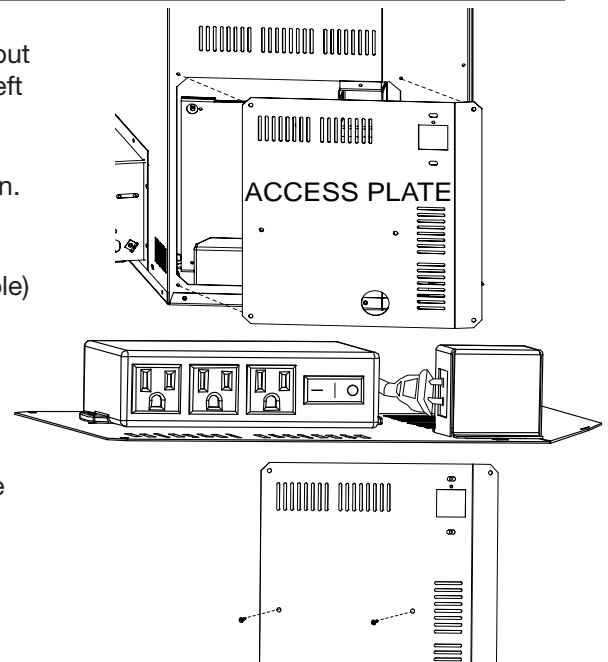
8.6 FCM REPLACEMENT

! WARNING
TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THE APPLIANCE.
THE APPLIANCE MAY BE HOT. DO NOT SERVICE APPLIANCE UNTIL IT HAS COOLED.

- A. To access the Fan Control Module, you must first pull out the appliance, to provide enough room to access the left access plate.
- B. Remove the screws holding the access plate in position.
- C. Unplug the Fan Control Module from the junction box. Unplug the night light plug and blower plug (if applicable) from the Fan Control Module.

NOTE: Ensure that the ON/OFF switch is in the ON (-) position.

- D. Remove the 2 screws securing the Fan Control Module the access plate and replace.
- E. Reinstall the plugs and access plate

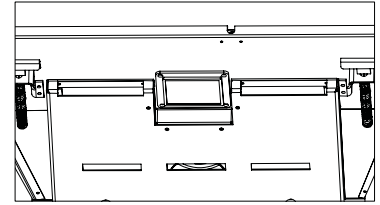


8.7 NIGHT LIGHT™ REPLACEMENT

Your appliance comes equipped with our "Night Light™". The light has been pre-wired and is controlled from the remote control.

If the lamp or lens needs to be replaced, follow the instructions below.

- A. Unplug the fan control module from the junction box located behind the left access panel.
- B. Remove the four screws that secure the lens frame. This frame retains the glass lens. The lamp can now be accessed.

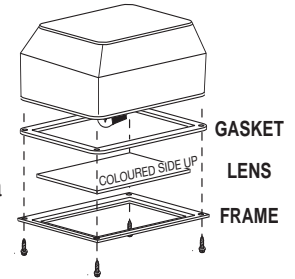


NOTE: Do not handle the lamp (bulb) with bare fingers, protect with a clean dry cloth.

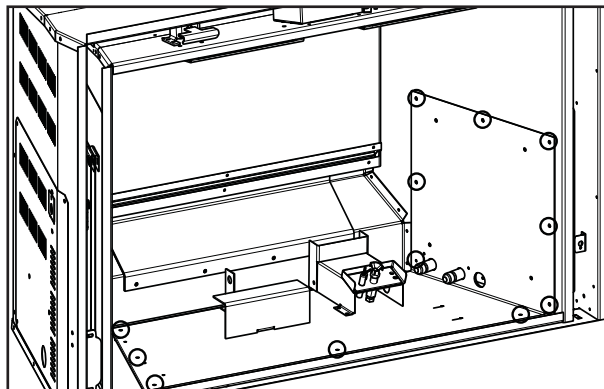
The lamp will pull straight out of the socket. Replace with Wolf Steel parts only, as lamp and lens are special "high temperature" products. When re-installing, ensure integrity of gasket seal.

THE FIREBOX MUST BE SEALED.

Over-tightening the screws could break the lens. "Light Leakage" from the upper area may be observed. The holes in the lamp housing are necessary for ventilation and must not be covered.



8.8 VALVE TRAIN REPLACEMENT



- A. Remove the glass door. See "DOOR REMOVAL AND INSTALLATION" section. Remove the burners, see "BURNER REMOVAL" section.
- B. Remove the 14 screws holding the valve train in place.
NOTE: A new gasket may be required when reinstalling the valve train assembly. Contact your local authorized dealer/distributor.
- C. Carefully lift the valve train assembly out far enough to access the manual shut off valve and turn to the off position. Disconnect the flex connector from the valve. You may now lift the valve train out of the appliance.

9.0 REPLACEMENTS

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.

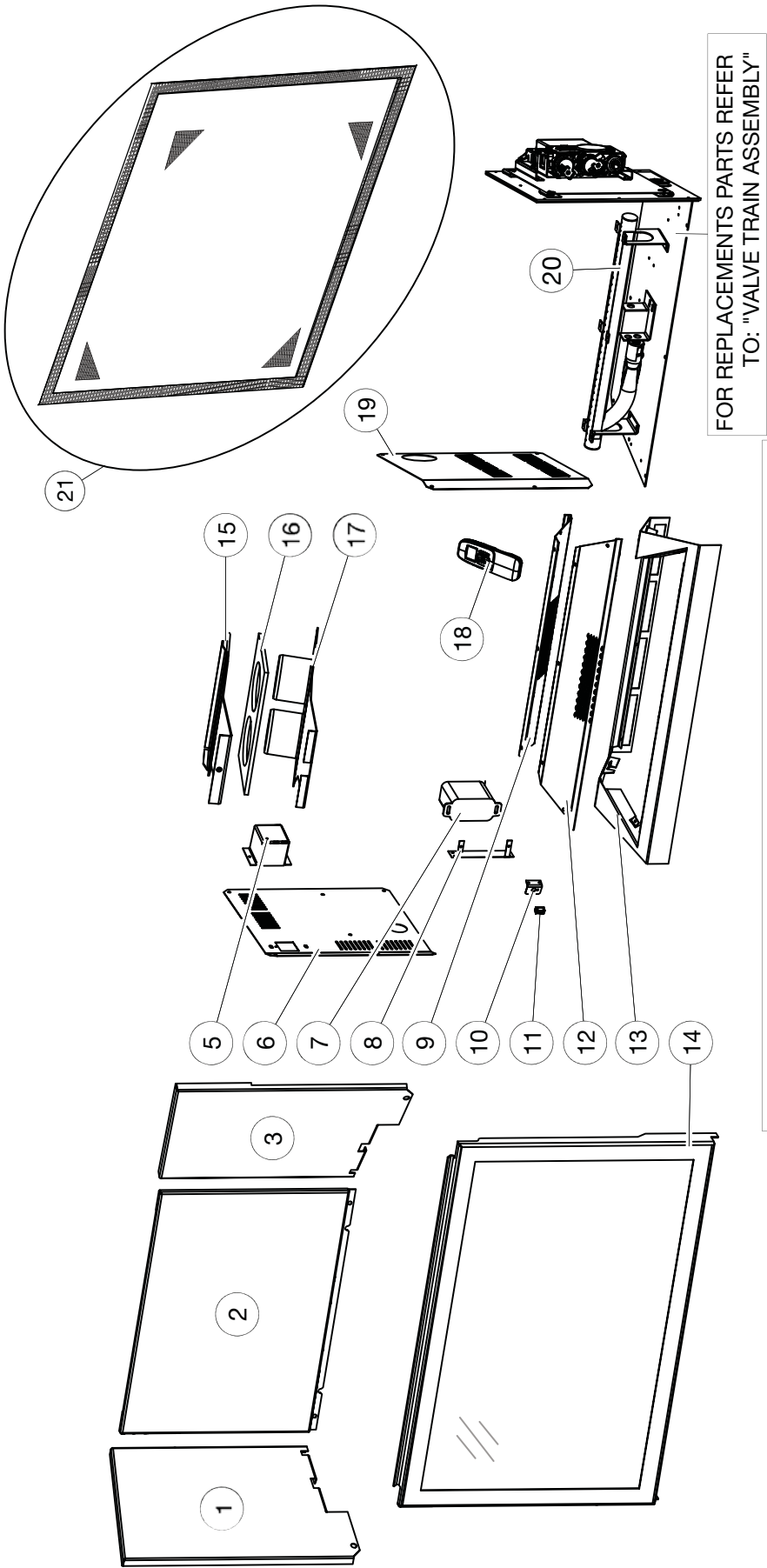
PARTS NOT IDENTIFIED AS STOCKED WILL BE DELIVERED WITHIN A 2 TO 4 WEEK PERIOD, FOR MOST CASES.

PARTS IDENTIFIED AS 'SO' ARE SPECIAL ORDER AND CAN TAKE UP TO 90 DAYS FOR DELIVERY.

41.1C

EN

9.1 OVERVIEW



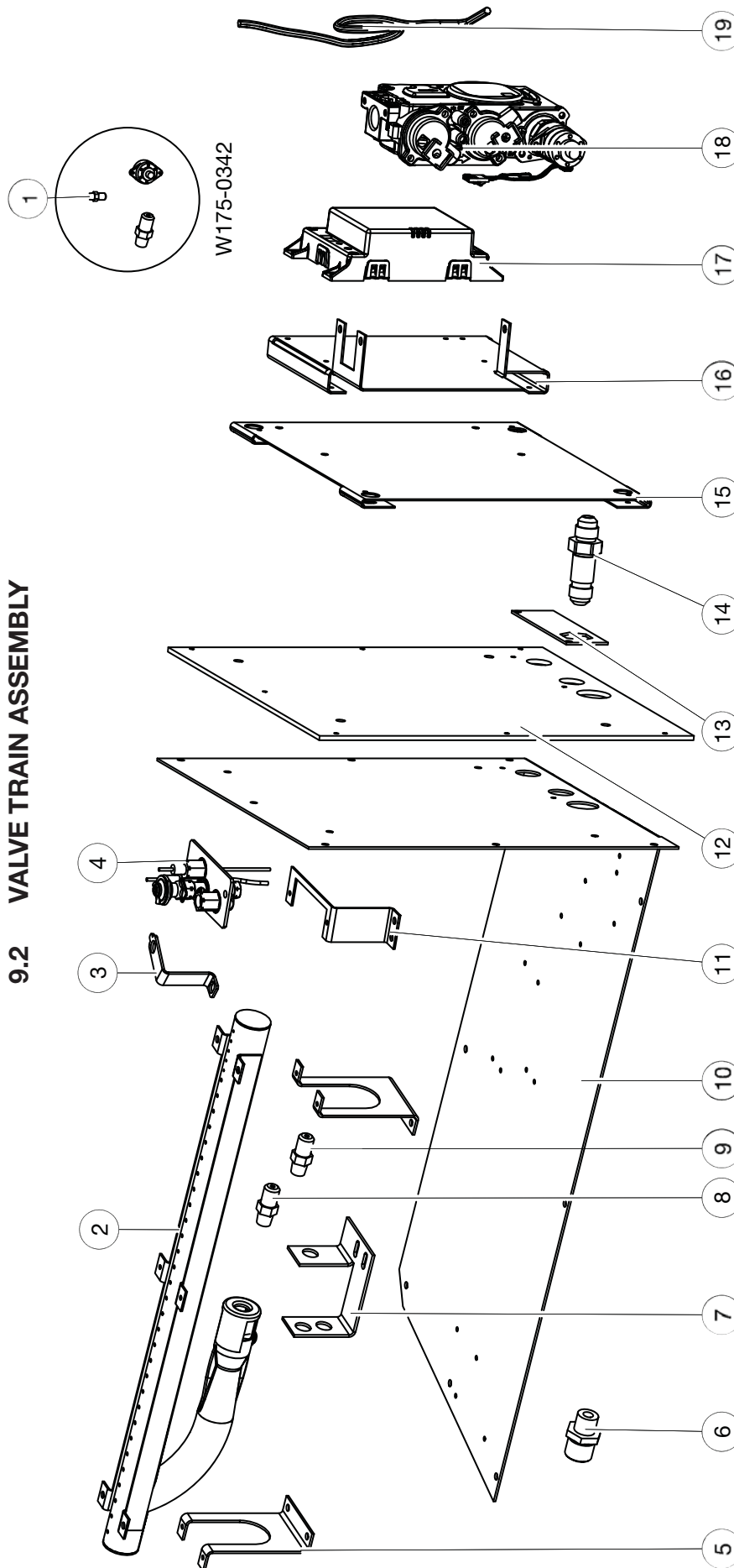
ITEMS MAY NOT APPEAR EXACTLY AS ILLUSTRATED

REF. NO.	PART NUMBER	DESCRIPTION	STOCKED
1	W500-0611-BK2GL	LEFT SIDE PORCELAIN PANEL	YES
2	W500-0613-BK2GL	REAR PORCELAIN PANEL	YES
3	W500-0612-BK2GL	RIGHT SIDE PORCELAIN PANEL	YES
4*	W010-2743	FIREBOX TOP ASSEMBLY	YES
5	W350-0641	ELECTRICAL BOX HOUSING	YES
6	W475-0791	(LS) OUTER ACCESS PANEL	YES
7	W660-0104	RECEIVER	YES
8	W080-1185	RECEIVER BRACKET	YES
9	W565-0132	REAR BURNER SCREEN	YES
10	W080-1222	ACS SWITCH BRACKET	YES
11	W750-0191	ACS SWITCH	YES

REF. NO.	PART NUMBER	DESCRIPTION	STOCKED
12	W565-0131	FRONT BURNER SCREEN	YES
13	W200-0371	MEDIA TRAY COVER	
14	W010-2702	DOOR ASSEMBLY	
15	W010-2651	VENT SLIDE ASSEMBLY	YES
16	W290-0183	VENT CONNECTION GASKET	YES
17	W010-2628	COLLAR ASSEMBLY	YES
18	W660-0071	HAND HELD REMOTE CONTROL	YES
19	W475-0792	(RS) OUTER ACCESS PANEL	YES
20	W010-2650	VALVE TRAIN ASSEMBLY	YES
21	W562-0009	GASKET KIT	YES

*PARTS WITH ASTERISK ARE NOT ILLUSTRATED

9.2 VALVE TRAIN ASSEMBLY

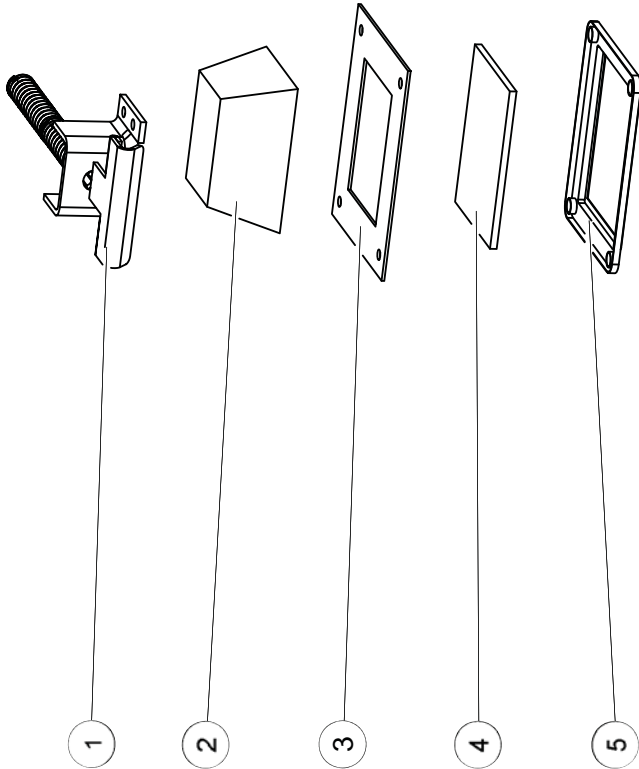


ITEMS MAY NOT APPEAR EXACTLY AS ILLUSTRATED

REF. NO.	PART NUMBER	DESCRIPTION	STOCKED
11	W080-1193	PILOT BRACKET	YES
12	W290-0180	BURNER TRAY GASKET	YES
13	W500-0610	SECURING PLATE	YES
14	N255-0002	BULKHEAD FITTING	YES
15	W585-0749	HEAT SHIELD	YES
16	W080-1186	VALVE BRACKET	YES
17	W190-0104	CONTROL BOARD	YES
18	W725-0056	VALVE	YES
19	W010-1985	WIRE HARNESS ASSEMBLY	YES

REF. NO.	PART NUMBER	DESCRIPTION	STOCKED
1	W175-0342	P CONVERSION KIT	
2	W010-2705	TUBE BURNER ASSEMBLY	
3	W080-1305	PILOT GROUND BRACKET	YES
4	W010-2763	PILOT ASSEMBLY	YES
5	W080-1194	BURNER BRACKET (X2)	YES
6	W255-0002	3/8" TUBE TO 1/8" NPT PIPE	YES
7	W080-1189	ORIFICE BRACKET	YES
8	W456-0043	BURNER ORIFICE #43 (NG)	YES
9	W456-0054	BURNER ORIFICE #54 (P)	YES
10	W710-0050	BURNER TRAY	YES

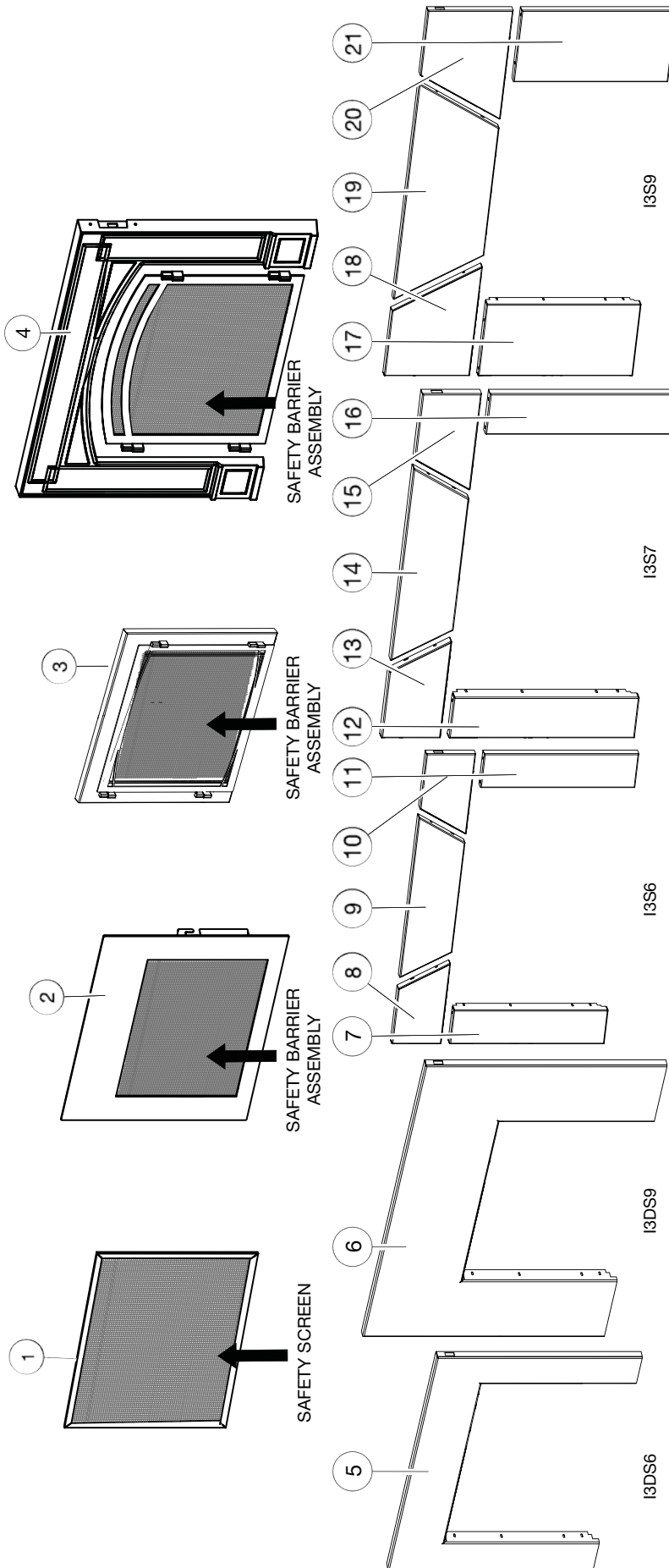
9.3 FIREBOX TOP ASSEMBLY



ITEMS MAY NOT APPEAR EXACTLY AS ILLUSTRATED

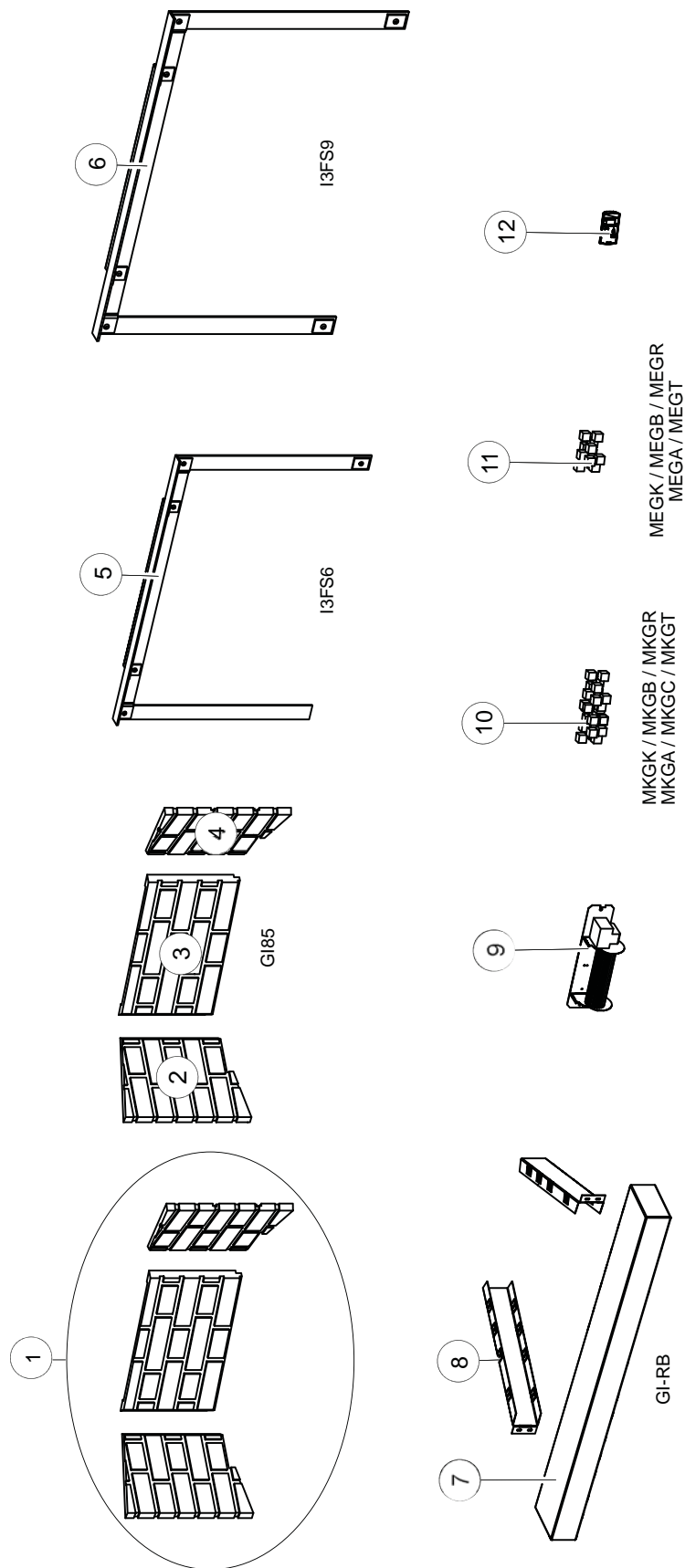
REF. NO.	PART NUMBER	DESCRIPTION	STOCKED
1	W010-3684	DOOR LATCHES (X2)	YES
2	N402-0001	HIGH TEMP LIGHT ASSEMBLY	YES
3	W290-0080	COVER PLATE GASKET	YES
4	W300-0067	CERAMIC GLASS LENS	YES
5	W500-0288	LENS COVER PLATE	YES

10.0 ACCESSORIES



ITEMS MAY NOT APPEAR EXACTLY AS ILLUSTRATED

REF. #	PART #	DESCRIPTION	STOCKED	REF. #	PART #	DESCRIPTION	STOCKED
1	W565-0133	SAFETY SCREEN		12	W263-0199	BOTTOM LEFT FLASHING (I3S7)	
2	I3CRFSB (K/SS)	CONTEMPORARY RECTANGULAR FRONT		13	W263-0169	TOP LEFT FLASHING (I3S7)	
3	I3DZSB (MK/WI)	MODERN ZEN DOOR		14	W263-0170	CENTER FLASHING (I3S7)	
4	CI3SSB	CAST IRON SURROUND	YES	15	W263-0168	TOP RIGHT FLASHING (I3S7)	
5	W715-0891	SMALL DELUXE SURROUND (I3DS6)		16	W263-0199	BOTTOM RIGHT FLASHING (I3S7)	
6	W715-0905	LARGE DELUXE SURROUND (I3DS9)		17	W263-0200	BOTTOM LEFT FLASHING (I3S9)	YES
7	W263-0198	BOTTOM LEFT FLASHING (I3S6)		18	W263-0125	TOP LEFT FLASHING (I3S9)	YES
8	W263-0120	TOP LEFT FLASHING (I3S6)		19	W263-0124	CENTER FLASHING (I3S9)	YES
9	W263-0119	CENTER FLASHING (I3S6)		20	W263-0123	TOP RIGHT FLASHING (I3S9)	YES
10	W263-0118	TOP RIGHT FLASHING (I3S6)		21	W263-0200	BOTTOM RIGHT FLASHING (I3S9)	YES
11	W263-0198	BOTTOM RIGHT FLASHING (I3S6)	YES				



ITEMS MAY NOT APPEAR EXACTLY AS ILLUSTRATED

REF. #	PART #	DESCRIPTION	STOCKED
1	G183	NEWPORT DECORATIVE BRICK PANEL	
2	W475-0815	OLD ENGLISH LEFT SIDE BRICK PANEL (G185)	
3	W475-0813	OLD ENGLISH REAR BRICK PANEL (G185)	
4	W475-0814	OLD ENGLISH RIGHT SIDE BRICK PANEL (G185)	
5	I3FS6	SMALL PREMIUM SCALLOPED FRAME	YES
6	I3FS9	LARGE PREMIUM SCALLOPED FRAME	

REF. #	PART #	DESCRIPTION	STOCKED
7	W715-0561	HEARTH TRIM (GI-RB)	
8	W525-0022	RAILS (X2) (GI-RB)	
9	XI3BK	BLOWER KIT	YES
10	GLASS MEDIA	MEDIA KIT (VARIOUS COLOURS)	
11	GLASS MEDIA	MEDIA ENHANCEMENT KIT (VARIOUS COLOURS)	
12	W660-0081	WALL MOUNTED THERMOSTAT	YES

11.0 TROUBLESHOOTING

! WARNING

ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RUN OUT, WITH THE GLASS DOOR OPEN OR REMOVED.

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THE APPLIANCE.

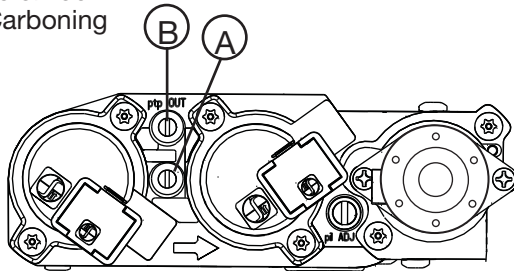
APPLIANCE MAY BE HOT, DO NOT SERVICE UNTIL APPLIANCE HAS COOLED.

DO NOT USE ABRASIVE CLEANERS.

SYMPTOM	PROBLEM	TEST SOLUTION
Remote controls Crystalite / Night light but no spark or flame.	Remote is locked out.	- Reset by turning power source off then on. NOTE: If back up batteries are installed, they must also be removed to re-program.
Main burner flame is a blue, lazy, transparent flame.	Blockage in vent.	- Remove blockage. In really cold conditions, ice buildup may occur on the terminal and should be removed as required. To minimize this from happening again, it is recommended that the vent lengths that pass through unheated spaces (attics, garages, crawl spaces) be wrapped with an insulated mylar sleeve. Prevent sleeve from sagging. Contact your local authorized dealer for more information.

Flames are
consistently
too large or too
small. Carboning
occurs.

Appliance is over-fired or
underfired.



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.

*Maximum inlet pressure
not to exceed 13"

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

Carbon is being
deposited on
glass, logs,
rocks, media
or combustion
chamber
surfaces.

Air shutter has become
blocked.

Flame is impinging on
the glass, logs, rocks,
media or combustion
chamber.

- Ensure air shutter opening is free of lint or other obstructions.
- Check that the glass, logs, rocks, media are correctly positioned.
- 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.
- Check that the door gasketing is not broken or missing and that the seal is tight.
- Check that both vent liners are free of holes and well sealed at all joints.
- Check that minimum rise per foot (meters) has been adhered to for any horizontal venting.

SYMPTOM	PROBLEM	TEST SOLUTION
White / grey film forms.	Sulphur from fuel is being deposited on glass, logs or combustion chamber surfaces.	<ul style="list-style-type: none"> - Clean the glass with a recommended gas fireplace glass cleaner. DO NOT CLEAN GLASS WHEN HOT. - If deposits are not cleaned off regularly, the glass may become permanently marked.
42.1D		
Exhaust fumes smelled in room, headaches.	Appliance is spilling.	<ul style="list-style-type: none"> - Check door seal. - Check for exhaust damage. - Check that venting is installed correctly. - Room is in negative pressure; increase fresh air supply.
Pilot will not light. Makes noise with no spark at pilot burner.	Wiring.	<ul style="list-style-type: none"> - Verify the wire for the sensor and the wire for the ignitor are connected to the correct terminals (not reverse) on the module and pilot assembly.
	Loose connection.	<ul style="list-style-type: none"> - Verify no loose connections, electrical shorts in the wiring or ground out to any metal object.
	Igniter Spark gap is incorrect.	<ul style="list-style-type: none"> - Spark gap of the ignitor to the pilot should be .125" (3.2mm).
Pilot will not light. Makes no noise with no spark at pilot burner. Crystalites™ and (optional) blower operates.	A shorted or loose connection.	<ul style="list-style-type: none"> - Remove and reinstall the wiring harness that plugs into the module. - Remove and verify continuity of each wire in the wiring harness.
	Module is not grounded.	<ul style="list-style-type: none"> - Verify the valve and pilot assemblies are properly grounded to the metal chassis of the fireplace.
	Ignition box has been locked out.	<p>Choose one of the 4 methods below to reset the system.</p> <ol style="list-style-type: none"> 1. To reset ignition box when locked out. Turn off power supply and remove batteries (if used) from the back up battery pack. 2. To reset the DFC Board when the board goes into a lock out condition and the LED is blinking 3 times using the transmitter ON/OFF button: <ul style="list-style-type: none"> Step 1: Turn the system off by pressing the ON/OFF button to turn the system off. Step 2: After approximately 2 seconds press the ON/OFF button on the transmitter again. THE DFC Board will reset and the ignition sequence will start again. 3. To reset the DFC Board when the board goes into a lock out condition and the LED is blinking 3 times by cycling flame: <ul style="list-style-type: none"> Step 1: In the manual flame control mode, use the down arrow button to reduce the flame to off, indicated by the word OFF displayed on the transmitter LCD screen. Step 2: Wait approximately 2 seconds and press the up arrow button, the ignition sequence will start.
<p>NOTE: Starting from OFF, press the ON button on the transmitter. Approximately 4 seconds after the ON/OFF button is pressed the ignition board will start the spark. The first try for ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After the wait time the board will start the second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition, the board will go into lock out.</p>		
42.1_2A		

SYMPTOM	PROBLEM	TEST SOLUTION
Pilot sparks but will not light.	Gas supply.	<ul style="list-style-type: none"> - Verify that the incoming gas line ball valve is “Open”. - Verify that the inlet pressure reading is within acceptable limits, inlet pressures must not exceed 13” W.C. (34.9mb).
	Module is not grounded.	<ul style="list-style-type: none"> - Verify the value and pilot assemblies are properly grounded to the metal chassis of the fireplace.
	Out of propane gas.	<ul style="list-style-type: none"> - Fill the tank.
Continues to spark and pilot lights, but main burner will not light.	Short or loose connection in sensor rod.	Verify all connections. Verify the connections from the pilot assembly are tight; also verify these connections are not grounding out to any metal.
	Poor flame rectification or contaminated sensor rod.	<ul style="list-style-type: none"> - Verify the flame is engulfing the sensor rod. This will increase the flame rectification. Verify correct pilot orifice is installed and inlet gas specifications to manual. (Remember, the flame carries the rectification current, not the gas. If the 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.
	Poor grounding between pilot assembly and gas valve.	<ul style="list-style-type: none"> - Verify that the wire harness is firmly connected to module.
	Damaged pilot or dirty sensor rod.	<ul style="list-style-type: none"> - Verify that the ceramic insulator around the sensor rod is not cracked, damaged, or loose. Verify the connection from the sensor rod to the sensor wire. Clean sensor rod with a green Scotch-Brite pad to remove any contamination that may have accumulated on the sensor rod. Verify continuity with multimeter with ohms set at the lowest range.
	Pilot has been painted	<ul style="list-style-type: none"> - Using a scrub pad, remove the paint from the pilot hood, ignitor and flame sensor.
Appliance won't perform any functions.	Receiver switch is in the wrong position.	<ul style="list-style-type: none"> - Verify that the 3 position switch on the receiver is in the “REMOTE” position (middle).
	No power to the system.	<ul style="list-style-type: none"> - Check breaker to verify it's in the “ON” position.
	Transmitter isn't operational.	<ul style="list-style-type: none"> - Check battery power and battery orientation.
Night light or (optional) blower won't function	Control module switch is in the wrong position.	<ul style="list-style-type: none"> - Verify ON/OFF switch is in the “I” position which denotes on.
	COM switch is unplugged.	<ul style="list-style-type: none"> - Verify “COM” switch is plugged into the front of the control module.

12.0 WARRANTY

NAPOLEON products are manufactured under the strict Standard of the world recognized ISO 9001 : 2008 Quality Assurance Certificate.

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. The complete appliance is again thoroughly inspected by a qualified technician before packaging to ensure that you, the customer, receives the quality product that you expect from NAPOLEON.

NAPOLEON GAS APPLIANCE PRESIDENT'S LIFETIME LIMITED WARRANTY

The following materials and workmanship in your new NAPOLEON gas appliance are warranted against defects for as long as you own the appliance. This covers: combustion chamber, heat exchanger, stainless steel burner, Phazer™ logs and embers, rocks, ceramic glass (thermal breakage only), gold plated parts against tarnishing, porcelainized enameled components and aluminum extrusion trims.*

Electrical (110V and millivolt) 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: blowers, gas valves, thermal switches, switches, wiring, remote controls, ignitors, gaskets and pilot assemblies.*

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 your proof of purchase along with the model and serial number to make a warranty claim. NAPOLEON reserves the right to have its representative inspect any product or part thereof prior to honouring any 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 factory warranty is non-transferable and may not be extended whatsoever by any of our representatives.

The gas appliance must be installed by a licensed, authorized service technician or contractor. 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 discoloring caused by excessive heat, abrasive and chemical cleaners nor chipping on porcelain enamel parts, mechanical breakage of PHAZER™ logs and embers.

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 President's Lifetime 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).

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

Notwithstanding any provisions contained in the President's Lifetime 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.

NAPOLEON neither assumes, nor authorizes any third party to assume, on its behalf, any other liabilities with respect to the sale of this product.

NAPOLEON will not be responsible for: over-firing, downdrafts, spillage caused by environmental conditions such as rooftops, buildings, nearby trees, hills, mountains, inadequate vents or ventilation, excessive venting configurations, insufficient makeup air, or negative air pressures which may or may not be caused by mechanical systems such as exhaust fans, furnaces, clothes dryers, etc. Any damages to the appliance, combustion chamber, heat exchanger, plated trim or other components due to water, weather damage, long periods of dampness, condensation, damaging chemicals or cleaners will not be the responsibility of NAPOLEON.

All parts replaced under the President's Limited Lifetime Warranty Policy are subject to a single claim.

During the first 10 years NAPOLEON will replace or repair the defective parts covered by the lifetime warranty at our discretion free of charge. From 10 years to life, NAPOLEON will provide replacement parts at 50% of the current retail price.

All parts replaced under the warranty will be covered for a period of 90 days from the date of their installation.

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.

Warranty labour allowance is only for the replacement of the warranted part. Travel, diagnostic tests, shipping and other related charges are not covered by this warranty.

ALL SPECIFICATIONS AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE DUE TO ON-GOING PRODUCT IMPROVEMENTS. NAPOLEON IS A REGISTERED TRADEMARK OF WOLF STEEL LTD.

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Appliance Service History

This heater must be serviced annually depending on usage.

[illegible]

Other Napoleon Products



Fireplace Inserts • Charcoal Grills • Gas Fireplaces • Waterfalls • Wood Stoves
Heating & Cooling • Electric Fireplaces • Outdoor Fireplaces • Gas Grills



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