



# LEGEND G4



Patent Pending

## Direct Vent Gas Insert 785ILN (NG) & 785ILP (LPG) Installation & Operating Instructions

### **WARNING**



**HOT GLASS WILL  
CAUSE BURNS.**

**DO NOT TOUCH GLASS  
UNTIL COOLED.**

**NEVER ALLOW CHILDREN  
TO TOUCH GLASS.**

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

**WARNING:** If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or 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 the appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

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

Please read this manual **BEFORE** installing and operating this appliance.

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

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

This appliance is a domestic room-heating appliance. It must not be used for any other purposes such as drying clothes, etc.

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

**Massachusetts:** The piping and final gas connection must be performed by a licensed plumber or gas fitter in the State of Massachusetts.

Ce guide est disponible en français sur demande.

Manufactured by  
**MILES INDUSTRIES LTD.**, British Columbia, Canada  
[www.valorfireplaces.com](http://www.valorfireplaces.com)

## Thank You ...

For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified dealer. Each Valor fireplace is fully tested during the production process for your safety and comfort.

Your unit has been professionally installed by:

Dealer Name \_\_\_\_\_

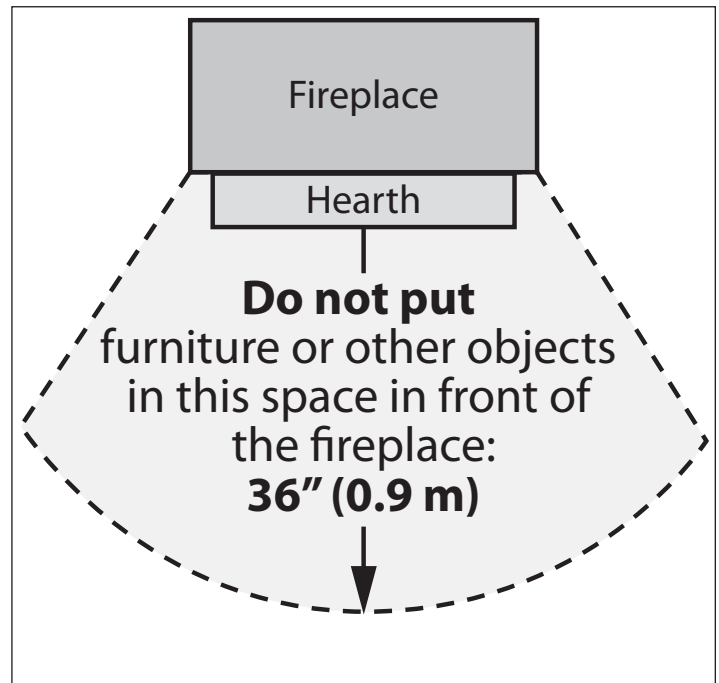
Phone Number \_\_\_\_\_

**Should you encounter an operational problem, call your dealer immediately. Do not try to repair the unit as you may cause an injury or damage the fireplace.**

The information contained in this installation manual is believed to be correct at the time of printing. Miles Industries Ltd. reserves the right to change or modify any information or specifications without notice. Miles Industries Ltd. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility for any consequential damage(s).



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



Designed and Manufactured by / for  
Miles Industries Ltd.

190-2255 Dollarton Highway, North Vancouver, BC, CANADA V7H 3B1

Tel. 604-984-3496 Fax 604-984-0246

[www.valorfireplaces.com](http://www.valorfireplaces.com)

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◇ = Updated content

# Safety and Warning Information

**READ** and **UNDERSTAND** all instructions carefully before starting the installation. **FAILURE TO FOLLOW** these installation instructions may result in possible fire hazard and will void the warranty.

Prior to the first firing of the fireplace, **READ** the Owner's Information section of this manual.

**DO NOT USE** this appliance if any part has been under water. Immediately, **CALL** a qualified service technician to inspect the unit and to replace any part of the control system and any gas control that has been under water.

## **THIS UNIT IS NOT FOR USE WITH SOLID FUEL.**

Installation and repair should be **PERFORMED** by a qualified service person. The appliance and venting system should be **INSPECTED** before initial use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding, etc. It is **IMPERATIVE** that the unit's control compartment, burner, and circulating air passageways **BE KEPT CLEAN** to provide for adequate combustion and ventilation air.

Always **KEEP** the appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

**NEVER OBSTRUCT** the flow of combustion and ventilation air. Keep the front of the appliance **CLEAR** of all obstacles and materials for servicing and proper operation.

Due to the high temperature, the appliance should be **LOCATED** out of traffic areas and away from furniture and draperies. Clothing or flammable material **SHOULD NOT BE PLACED** on or near the 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 a fireplace or stove, **INSTALL AN ADJUSTABLE SAFETY GATE** to keep toddlers, young children and other at risk individuals out of the room and away from hot surfaces.

This unit **MUST** be used with a vent system as described in this installation manual. **NO OTHER** vent system or components **MAY BE USED**.

This gas fireplace and vent assembly **MUST** be vented directly to the outside and **MUST NEVER** be attached to a chimney serving a separate solid fuel burning appliance. Each gas appliance **MUST USE** a separate vent system. Common vent systems are **PROHIBITED**.

**INSPECT** the external vent cap on a regular basis to make sure that no debris, plants, trees, shrubs are interfering with the air flow.

The glass door assembly **MUST** be in place and sealed before the unit can be placed into safe operation.

**DO NOT OPERATE** this appliance with the glass door removed, cracked, or broken. Replacement of the glass door should be performed by a licensed or qualified service person. **DO NOT** strike or slam the glass door.

The glass door assembly **SHALL ONLY** be replaced as a complete unit, as supplied by the fireplace manufacturer. **NO SUBSTITUTE** material may be used.

**DO NOT USE** abrasive cleaners on the glass door assembly. **DO NOT ATTEMPT** to clean the glass door when it is hot.

**TURN OFF** the gas before servicing this appliance. It is recommended that a qualified service technician perform an appliance check-up at the beginning of each heating season.

Any safety screen or guard removed for servicing **MUST BE REPLACED** before operating this appliance.

**DO NOT** place furniture or any other combustible household objects within 36" of the fireplace front.

**BE CAREFUL** not to put any decorating objects sensitive to heat to close above or around the fireplace as it gets very hot when operating.

**DO NOT** use this heater as a temporary source of heat during construction.

This appliance is a **DOMESTIC ROOM-HEATING APPLIANCE**. It must not be used for any other purposes such as drying clothes, etc.

**State of California. Proposition 65 Warning.** Fuels used in gas, wood-burning or oil fired appliances, and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. California Health & Safety Code Sec. 25249.6.

# Safety and Warning Information

## Operating your fireplace for the first time

When operating your new fireplace for the first time, some vapors may be released due to the burning of curing compounds used in the manufacture of the appliance. They may cause a slight odor and could cause the flames to be the full height of the firebox, or even slightly higher, for the first few hours of operation.

It is also possible that these vapors could set off any smoke detection alarms in the immediate vicinity. These vapors are quite normal on new appliances. We recommend opening a window to vent the room. After a few hours use, the vapors will have disappeared and the flames will be at their normal height.

## Specifications

### Approval & Codes

This appliance is certified to ANSI Z21.88-2009 / CSA 2.33-2009 American National Standard / CSA Standard for *Vented Gas Fireplace Heaters* for use in Canada and USA, and to CGA 2.17-91 *High Altitude Standard in Canada*. This appliance is for direct vent insert installations.

This appliance complies with CSA P4.1-09 *Testing method for measuring annual fireplace efficiencies*.

The installation must conform to local codes or, in the absence of local codes, with the *National Fuel Gas Code, ANSI Z223.1* or the *Natural Gas and Propane Installation Code CAN/CGA-B149*. Only qualified licensed or trained personnel should install this appliance.

This appliance must be electrically grounded in accordance with local codes, or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70* or the *Canadian Electrical Code, CSA C22.1*.

### Ratings

Model	NG	LPG
Gas	Natural	Propane
Altitude (Ft.)*	0-4,500 feet*	
Input Maximum (Btu/h)	33,000	33,000
Input Minimum (Btu/h)	16,000	13,000
Manifold Pressure (in w.c.)	3.6	10.5
Minimum Supply Pressure (in w.c.)	5.0	11.0
Maximum Supply Pressure (in w.c.)	10.0	14.0
Main Burner Injector Marking	Front: 500 Rear: 360	Front: 280 Rear: 150
Pilot Injector Marking	51	30
Min. Rate By-Pass Screw	220	125

### \*High Altitude Installations

Input ratings are shown in BTU per hour and are certified without deration for elevations up to 4,500 feet (1,370 m) above sea level.

For elevations above 4,500 feet (1,370 m) in USA, installations must be in accordance with the current ANSI Z223.1 and/or local codes having jurisdiction. Heating value of gas in some areas is reduced to compensate for elevation—consult your local gas utility to confirm.

For installations at elevations above 4,500 feet (1,370 m) in Canada, please consult provincial and/or local authorities having jurisdiction.

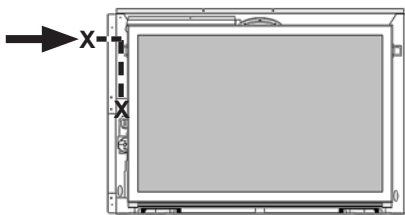
### Supply Gas

Heater engine 785ILN is used with natural gas.

Heater engine 785ILP is used with propane gas.

The supply pressure must be between the limits shown in the Ratings section above.

The supply connection is 1/2" NPT female and located on the left hand side of the control valve. The gas line entry point is on the upper left hand side on the fireplace.



### Conversion Kits

The 785 Legend G4 is supplied as natural gas or propane gas and is field convertible between fuels. See instructions packaged with the conversion kit for further information.

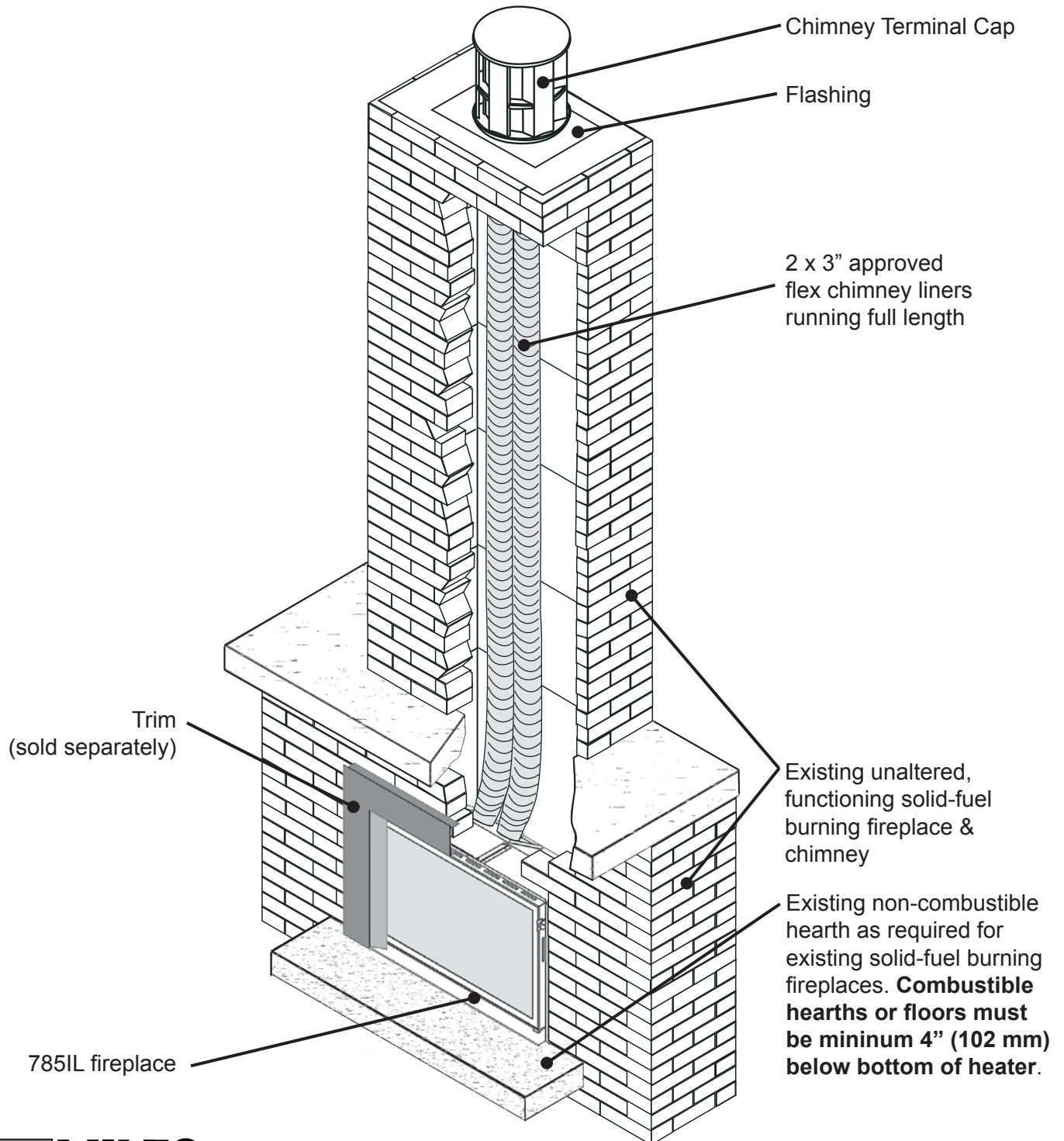
### Electrical

The 785 does not require an electrical power source to operate as a heater. However, if the appliance is fitted with a fan, a grounded power source is required.

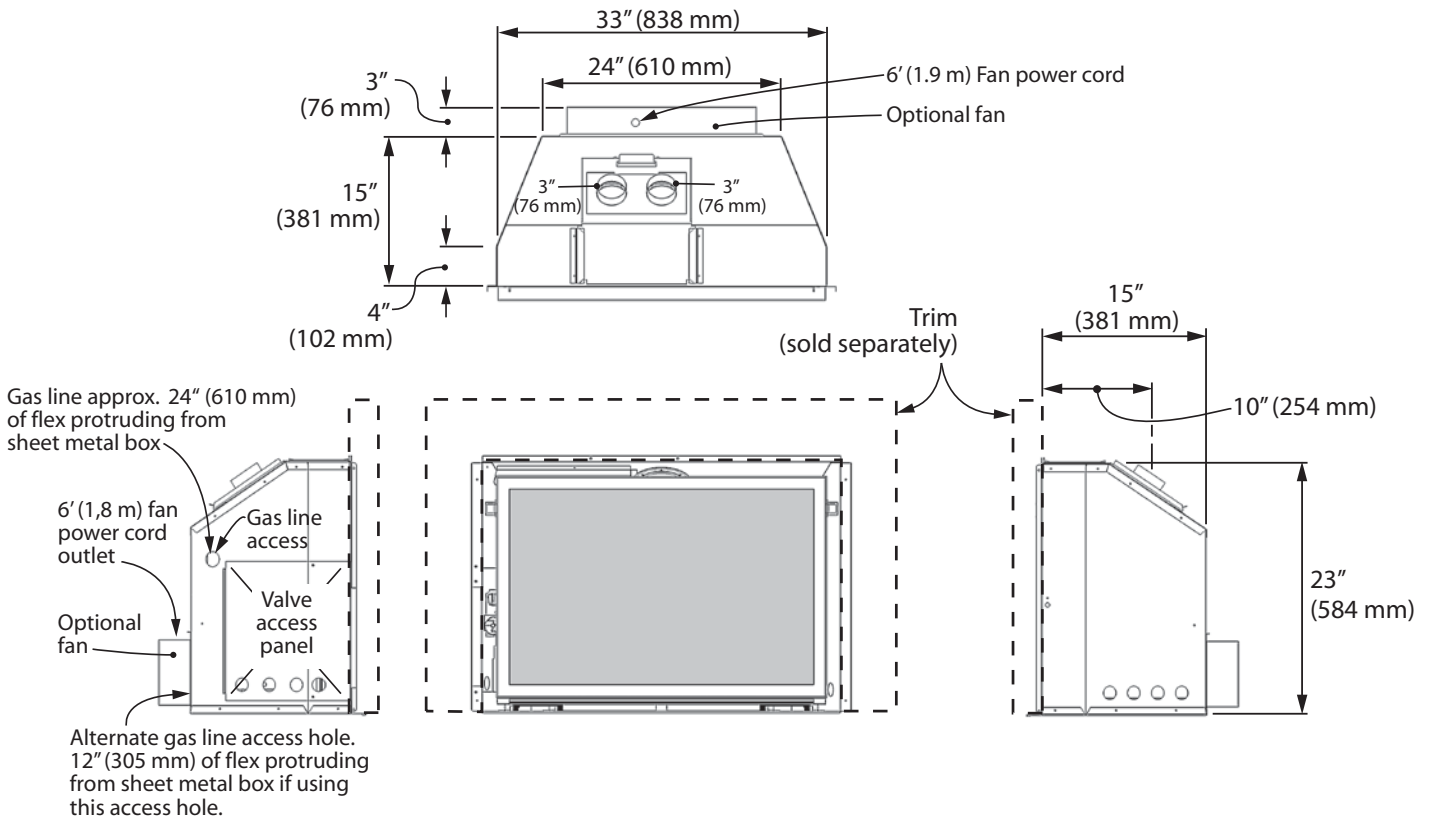
## Overview

This appliance may **ONLY** be installed in an existing unaltered, functioning solid-fuel burning fireplace with a working flue and constructed of non-combustible material.

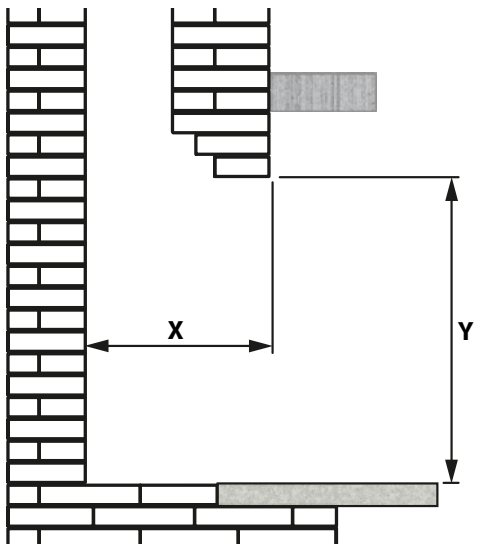
**DO NOT** install into combustible construction. This appliance is **NOT APPROVED** for installation with a zero clearance kit.



# Dimensions



# Cavity



Check that masonry step does not interfere with install dimensions or vent pipe.

If mantel is combustible, see following section for allowable clearances.

A hearth that is at a height within 4" (102 mm) of the bottom of the heater **MUST be non-combustible.**

Minimum width of fireplace opening at front: 33-1/4" (855 mm)

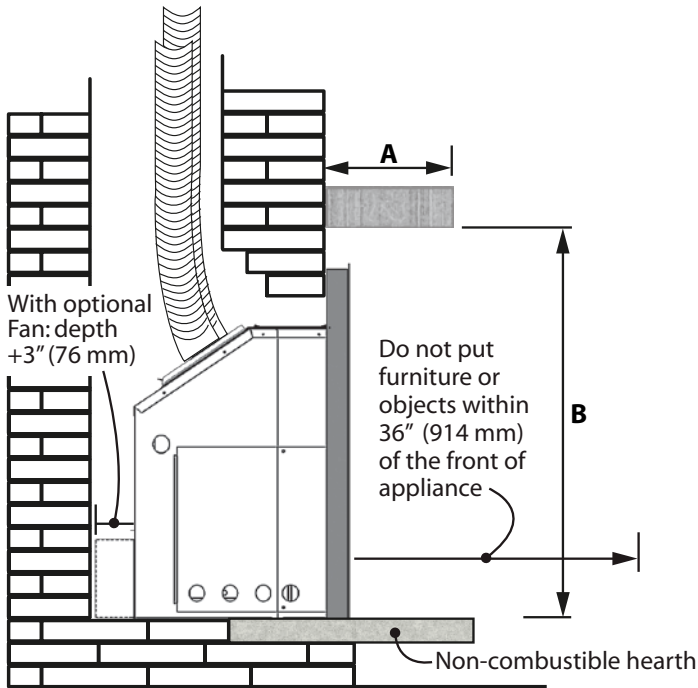
X = 15-1/2" (394 mm) minimum  
 16" (406 mm) if using leveling platform  
 18-1/2" (470 mm) with fan

Y = 23-1/4" (591 mm)

# Clearances

## WARNING

Some materials or items, although safe, may discolor, warp, crack, peel, and so on because of the heat produced by the fireplace. Avoid placing candles, paintings, photos, and other items sensitive to heat around the fireplace.



### Combustible Mantel Clearances

Mantel Projection A	1" (25 mm)	4" (101 mm)	8" (203 mm)	14" (355 mm)
Mantel Height B*	34" (864 mm)	36" (914 mm)	38" (965 mm)	40" (1016 mm)

\*Measure taken from the underside of the mantel to finished hearth or surface that the unit is sitting on.

### Finishing Materials

**Combustible materials:** Material such as wood, compressed paper, plant fibers, plastics or any material capable of igniting and burning, whether flame-proofed or not, plastered or un-plastered.

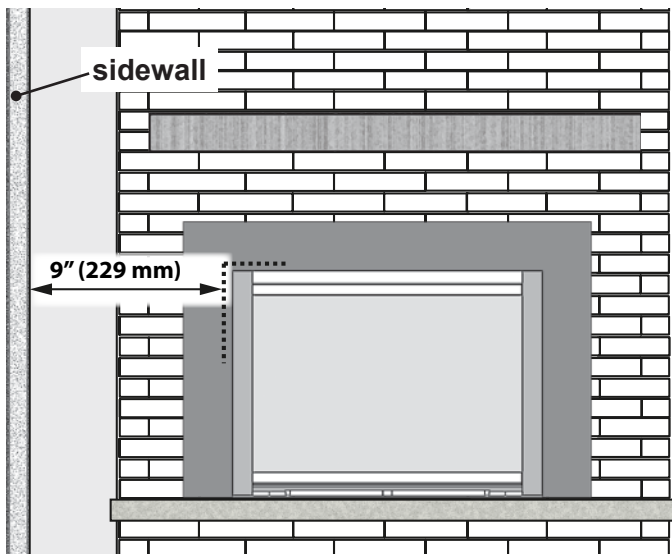
**Non-combustible materials:** Material such as steel, iron brick, tile, concrete or materials that bear the UL mark for zero (0) fire rating.

## WARNING

**HOT GLASS!** The use of a screen in front of the glass is highly recommended particularly in households with children.

## WARNING

**HOT HEARTH!** The hearth in front of the fireplace becomes very hot when the fireplace heats. Do not use the hearth as a seat or shelf.



### Sidewall Clearances

**Minimum** distance from side of appliance (liner box) to combustible wall: 9" (229 mm).



# Venting

## Typical Vent Installation

See list of approved Venting Accessories on page 32 of this manual.

**NOTE: Flexible co-linear vent pipes may only be installed into existing non-combustible solid-fuel burning fireplaces and chimneys.**

## Vent Location

The vent terminal must be located through the roof. This direct vent appliance is designed to operate when an undisturbed airflow hits the outside vent terminal from any direction.

Check local codes for allowable vertical vent termination.

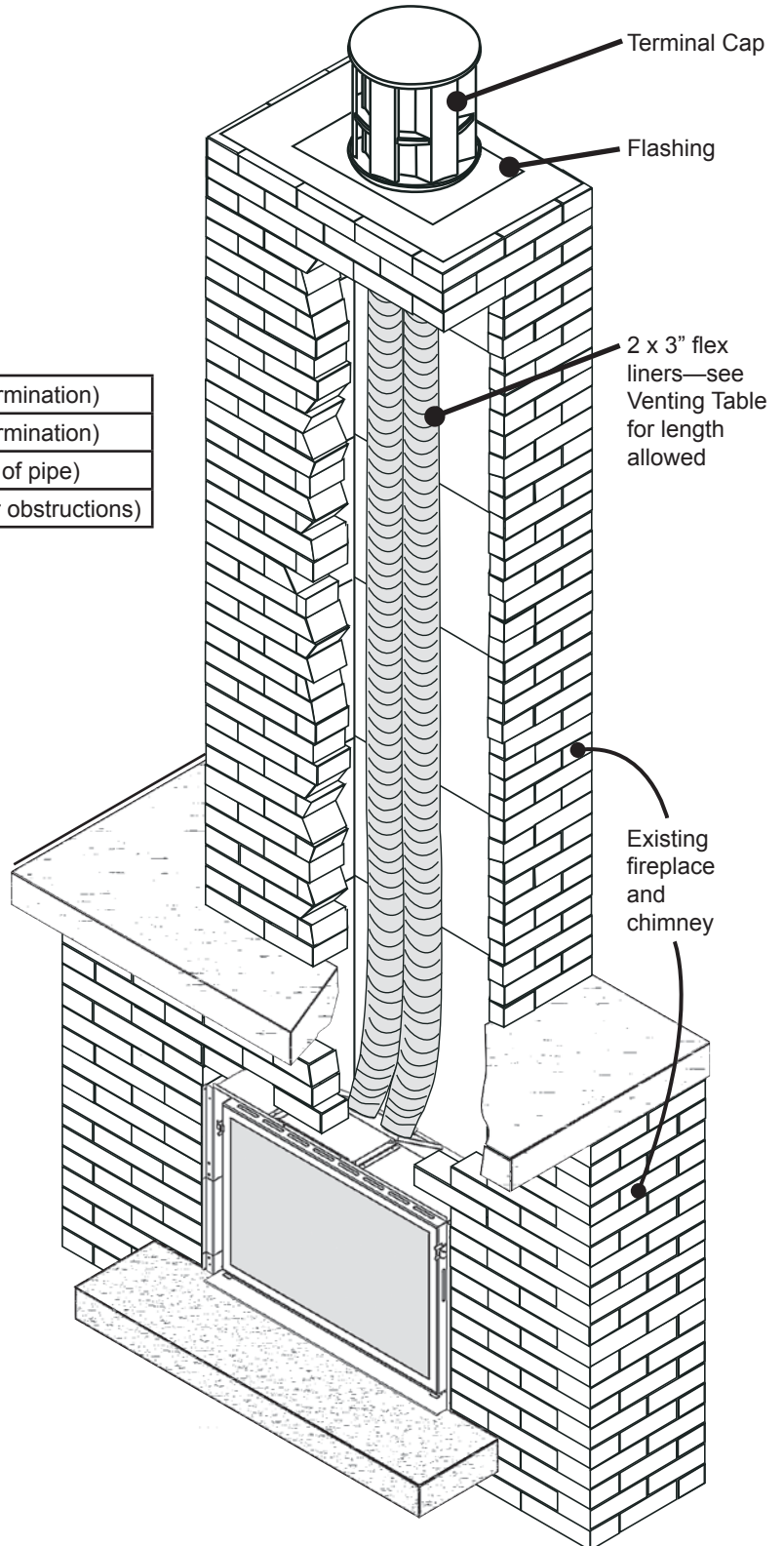
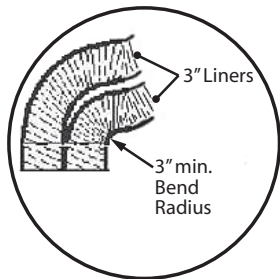
## Venting Table

Maximum vertical height	40 ft (measured to bottom of termination)
Minimum vertical height	10 ft (measured to bottom of termination)
Maximum horizontal run	4 ft (measured center to center of pipe)
Maximum offset angle	45° (sweeping bend to allow for obstructions)

## Venting Notes

Where possible, avoid joining flex pipes. If joints are required, use an approved connector and seal joints with *RTV high temp sealant*.

Horizontal offset is permissible to allow for routing around masonry projections. Avoid bending flex pipe over a 45 degrees radius where possible.



# Installation Planning

## Installer—READ THIS FIRST

1. **YOU NEED TO KNOW FROM THE HOMEOWNER** what accessories (surround, screen, fan/blower, etc.) will be installed with this fireplace;
2. Unpack the appliance.
3. Check that you have everything.
4. Clean cavity, chimney, ash dump, and clean-out.
5. Install venting pipes.
6. Attach conversion plate to existing fireplace.
7. Install electrical wiring for fan if used.
8. Place appliance on hearth in front of fireplace opening.
9. Install and test fan if used.
10. Put batteries in remote control handset and battery box. Connect battery box.
11. Connect and test gas supply.
12. Fit appliance into cavity.
13. Remove window.

14. Install ceramic panels and logs.
15. Refit window.
16. Set-up remote control.
17. Verify operation and adjust aeration settings.
18. Install the remote control handset wall holder.
19. **Instruct the homeowner on the operation and maintenance of the fireplace.**
20. Install the trim and screen if required.

## Tools and supplies required

- Packing knife
- Screwdriver set
- Pliers
- Adjustable Wrench
- Sealant
- Dish soap/water solution
- Gloves
- Eye Protection
- Electric outlet if installing a fan

## Existing Fireplace Preparation

A few points must be considered before inserting the 785IL into an existing fireplace cavity. Generally, no modifications are allowed to the existing fireplace that will compromise the integrity of the existing fireplace.

Components that are bolted or screwed on such as dampers or baffles may be removed to accommodate the installation of the 785IL engine. **Cutting away any sheet metal parts of the existing fireplace to accommodate the installation of the 785IL is prohibited.** Check with local authorities if in doubt.

### Clean Fireplace and Chimney

Have the chimney swept and the fireplace cavity including ash dumps and clean-outs cleaned before installing the 785IL heater and vent liners. Any creosote or soot residue remaining in the fireplace cavity chimney or clean-out may cause odors or stains once the 785IL insert is installed. Consult with chimney sweep for information on how best to clean.

### Existing Dampers

Factory-built, zero-clearance fireplaces will require the damper to be removed in order to install the vent liners. These dampers are usually bolted into place. Dampers in masonry fireplaces must be fixed open and may remain in place.

### Ash Retaining Curbs

Some fireplaces (particularly factory-built) have a raised curb at the front edge to retain ashes. Check the dimensions carefully to ensure the 785IL engine will fit behind any raised curb (some curbs may be removed separately from the refractory base).

# Existing Fireplace Preparation

## Gas Line Routing

Plan the routing of the gas line before proceeding. Utilize the existing hole for the gas line of the factory-built fireplace.

If the fireplace has no access hole, carefully drill an access hole of 1.5 inch (38 mm) or less through the lower sides or bottom of the firebox. The access hole must be plugged with non-combustible insulation after the gas supply line has been installed.

See *Dimensions* section for detailed location of gas inlet. Also, take into consideration whether or not a fan or shut-off valve will interfere when planning routing of the gas line.

## Existing Glass Doors and Wire Screens

**Existing glass doors must be permanently removed** prior to installing the 785IL insert.

## Combustible Mantels

Combustible mantel clearances must conform to those required for the original solid-fuel fireplace into which the 785IL is being installed.

## Attach Warning Conversion Plate to Existing Fireplace (plate supplied loose with 785IL heater)

Attach the “This fireplace has been converted...” label to the existing fireplace using screws or other mechanical means and store any removed parts in back of the existing fireplace for future use.

# Appliance Preparation

## Unpacking the appliance

**Beware of sharp edges! Wear gloves!**

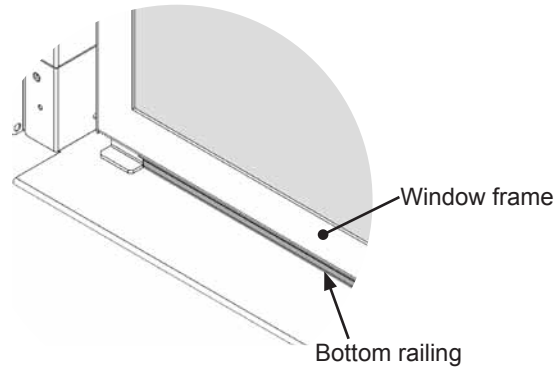
1. Unpack the appliance.
2. Unpack any loose items from around the appliance and check against the Pack Content list provided in the documentation package.
3. Remove the window and set aside in a safe place to avoid damage—see next page.
4. **Verify that you have all the components required for the installation, including:**
  - *ceramic panels and logs;*
  - *trim;*
  - *venting components and accessories;*
  - *fan and electrical components for its installation if used.*

# Appliance Preparation

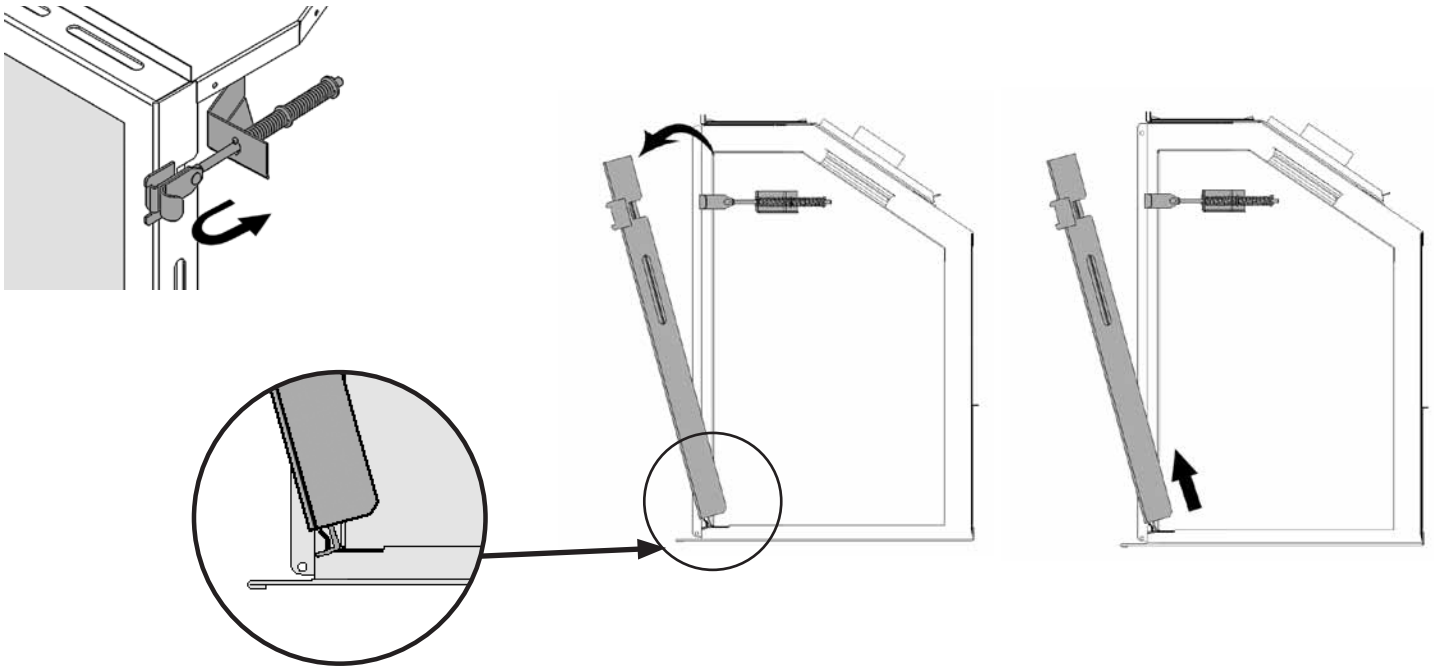
## Window Removal

The window is held in place by a spring-loaded lever on each side.

1. To remove the window, locate the levers on each side of the window towards the top. Using your finger, pull the lever towards you and unhook it from the window frame bracket.
2. Gently pull the top of the window outward.
3. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.



## Section Views

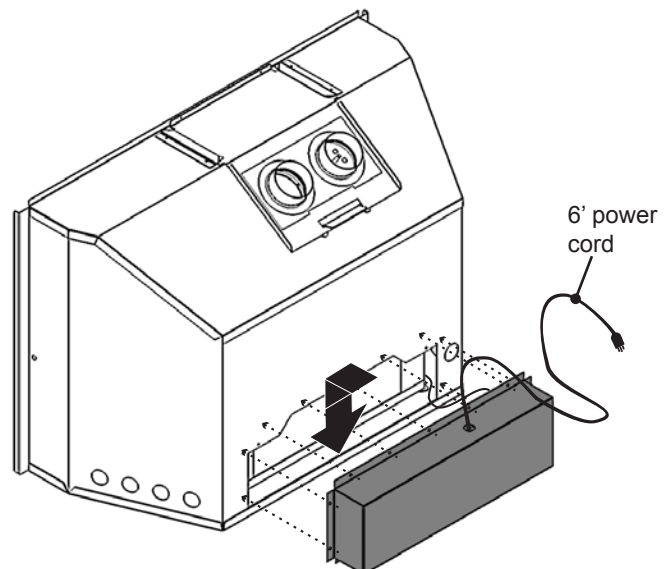


## Fan installation

If the 795CFK Circulating Fan Kit (blower) is to be installed, we suggest that you do it now.

The fan cavity is accessible from the back of the firebox to facilitate its installation. If the fan is retrofitted after the installation of the appliance, the appliance will need to be removed. Therefore, we recommend that, where possible, the fan be installed before the appliance is fitted into the cavity.

Refer to instructions provided with the 795CFK to install the fan.

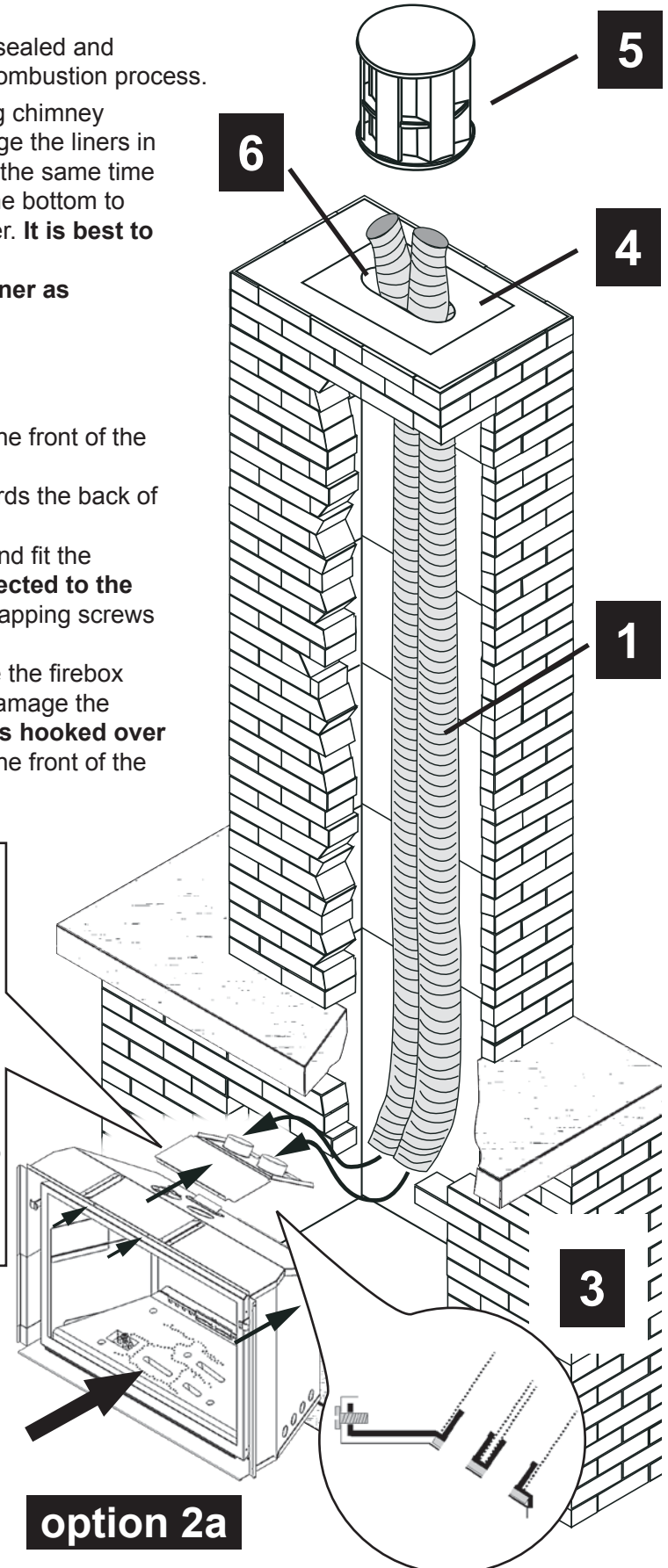
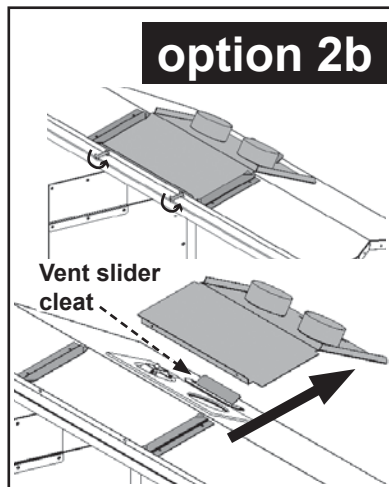


# Appliance Preparation

## Venting Installation

**IMPORTANT:** This appliance's venting system is room sealed and therefore, does not require room air to be used in the combustion process.

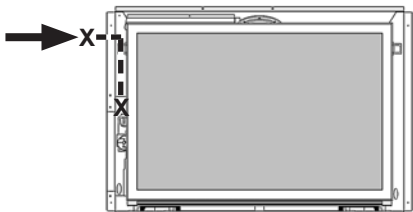
1. Rough-in two 3" diameter vent liners into the existing chimney system from the roof. Be careful not to tear or damage the liners in the process. It may be easier to install both liners at the same time rather than one at a time. Leave plenty of liners at the bottom to facilitate the connection of the liners to the vent slider. **It is best to leave the top termination until later. Designate and mark the top and bottom of one liner as "EXHAUST" to avoid confusion later.**
2. **a) Large cavity opening**  
Slide the appliance into the cavity.  
**b) Smaller cavity opening**  
Release the two screws retaining the vent slider to the front of the firebox.  
Remove the slider from the firebox by sliding it towards the back of the firebox.  
Remove the slider from the firebox by sliding it towards the back of the firebox.
3. Apply RTV sealant to the collars on the vent slider and fit the two liners **ensuring that the exhaust liner is connected to the identified "EXHAUST" vent collar.** Secure with 4 tapping screws per liner.  
If the vent slider was removed from the firebox, slide the firebox onto the vent slider in the cavity taking care not to damage the liners. **Make sure that the rear edge of the slider is hooked over the cleat on the firebox.** Secure the vent slider to the front of the firebox with two screws removed earlier.
4. From the roof, pull the liners and fit the flashing.
5. Fit the terminal cap **ensuring that the exhaust liner is connected to the exhaust vent collar.** Secure with screws.
6. Seal the terminal and flashing from water penetration as required.



**WARNING**  
Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

# Supply Gas Installation

The gas supply inlet connection is a 1/2" NPT female. Gas shut-off valve supplied on the end of stainless steel flexible connector. Flex connector is located on the left hand rear corner of the appliance.



Use only new black iron or steel pipes or copper tubing if acceptable—check local codes. Note that in USA, copper tubing must be internally tinned for protection against sulfur compounds.

The burner module and gas train on this appliance may be removed as a unit for servicing. The flex pipe supplied with the unit provides a union for removal of the module.

Unions in gas lines should be of ground joint type.

The gas supply line must be sized and installed to provide a supply of gas sufficient to meet the maximum demand of the appliance without undue loss of pressure.

Sealant used must be resistant to the action of all gas constituents including LP gas. Sealant should be applied lightly to male threads to ensure excess sealant does not enter gas lines.

Pressure test the supply line for leaks.

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

The appliance must be isolated from the gas supply piping system by closing its equipment shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

Failure to either disconnect or isolate the appliance during pressure testing may result in regulator or valve damage and void the warranty. Consult your dealer in case of damage.

## Pressure Test Points

The minimum supply pressure is given in the subsection *Ratings* of this manual—page 5.

All piping and connections must be tested for leaks after installation or servicing. All leaks must be corrected immediately.

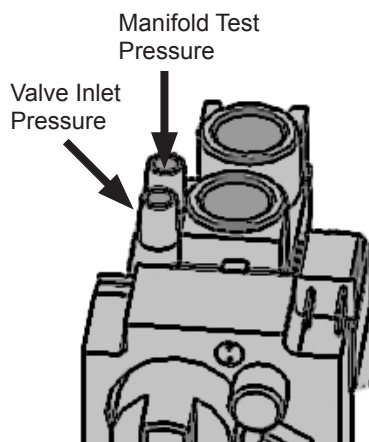
When testing for leaks:

- Make sure that the appliance is turned off.
- Open the manual shut-off valve.
- Test for leaks by applying a liquid detergent or soap solution to all joints. Bubbles forming indicate a gas leak.

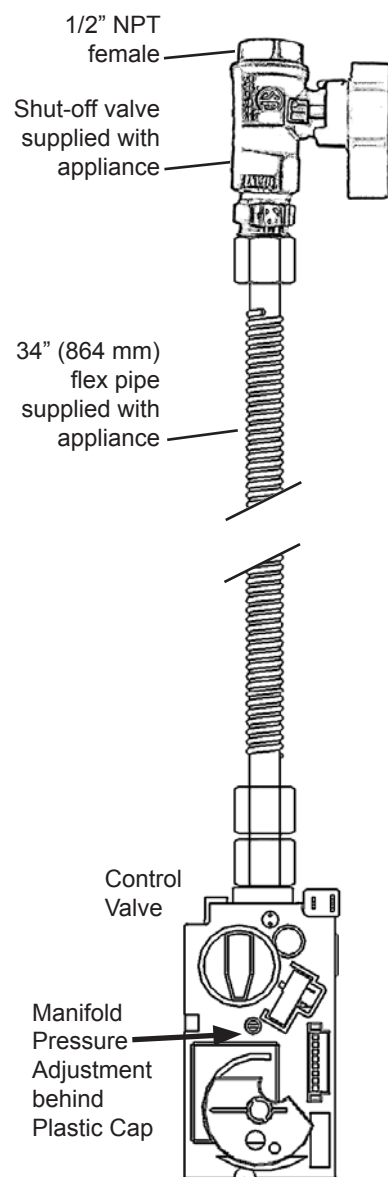
**Never use an open flame to check for leaks.  
Correct any leak detected immediately.**

The pressure test tapping locations is shown in the figure below. An internal regulator within the valve controls the burner manifold pressure.

The correct pressure range is shown in the table in subsection *Ratings* of this manual on page 5. The pressure check should be made with the burner alight and at its highest setting. See *Lighting Instructions* section for full operating details on page 30.



Pressure Testing



Valve Assembly

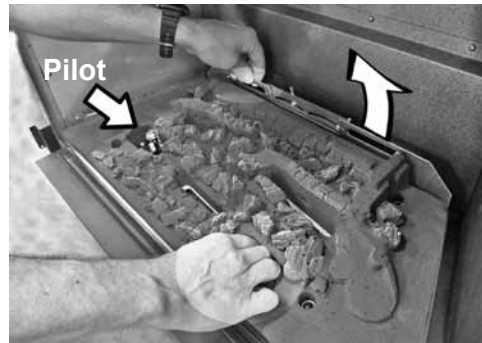
## Burner Removal and Reinstall

The ceramic panels can be installed without removing the burner. However, you can remove the burner for additional space if desired.

1. Remove the 2 screws fixing the rear of the burner to the manifold bracket as indicated. Do not remove the air shutter screws.



2. Grab the burner as indicated and gently pull up the rear first and then the front. **Be careful not to hook the pilot hood as you pull the burner up.**



3. To reinstall the burner, fit the burner in the firebox inserting the front first. **Again, be careful not to hook the pilot hood when fitting the burner over the pilot.** Fix the burner to the manifold bracket at the rear with 2 screws.

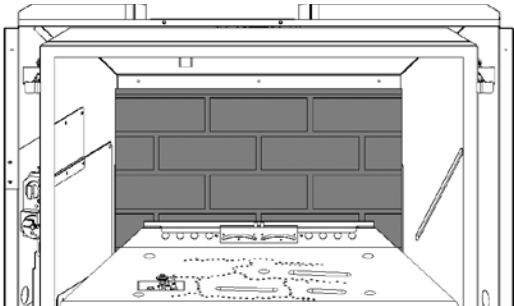
## Ceramic Panels Installation

The following guidelines apply for all panels. You do not need to remove the burner to install the panels.

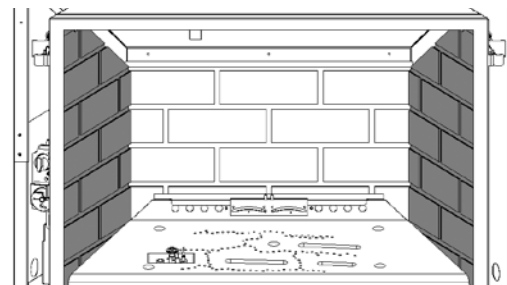
1. Inside the firebox, on the top of each side, release the screw of the side panel anchors (one per side) just enough to allow them to rotate.



2. Place the rear panel against the back of the firebox, on the ledge at bottom, behind the burner.



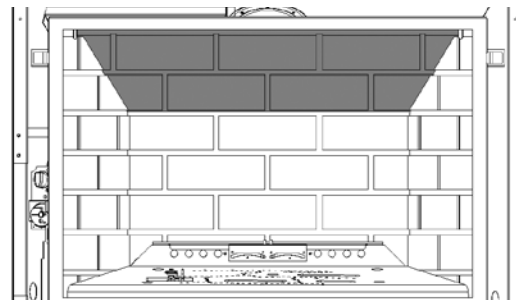
3. Rotate the anchor up and out of the way and slide the left hand side panel against the firebox side. Rotate the anchor back down to hold the panel.
4. Rotate the anchor up and out of the way and slide the right hand side panel against the firebox side. Rotate the anchor back down to hold the panel.



5. Tighten the side panel anchors on each side of the firebox.



6. Install the top panel supporting it with the back and side panels.



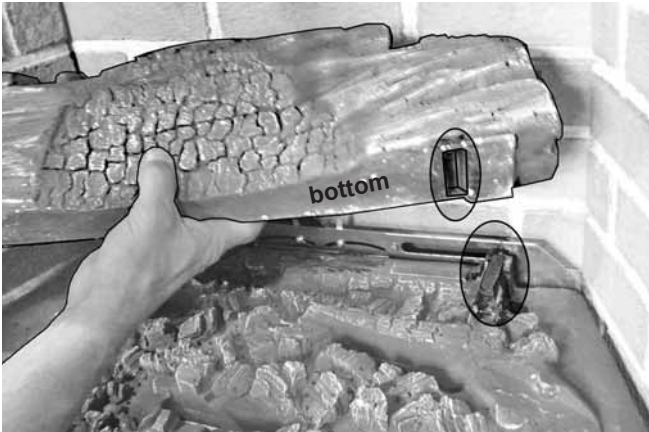
7. Discard the front bricks as they are not required on this fireplace.

# Ceramic Logs Installation

Unpack the ceramic logs very carefully to avoid damaging them. Install the logs as shown below. Please note that **the position of the logs is critical to insure proper performance of the appliance.**

**When placing the base and middle logs, rotate them a little bit to anchor them into position.**

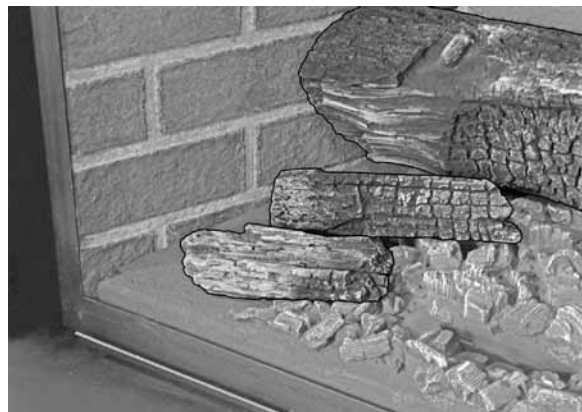
1. Place the rear log on the back of the ember bed locating its right-hand end over the key in the ember bed. Slide the log back until it rests against the vertical sheet metal edge.



2. Place the left-hand middle log in front of the rear log locating it over the key in the ember bed as indicated. The flat part of the log sits on the platform. The key notch is at the back of the log.



3. Place the left-hand base log on the platform locating it on the key as indicated. Move the log slightly forward so that it does not cover the pilot. However, do not cover the two burner holes at the front of the log.



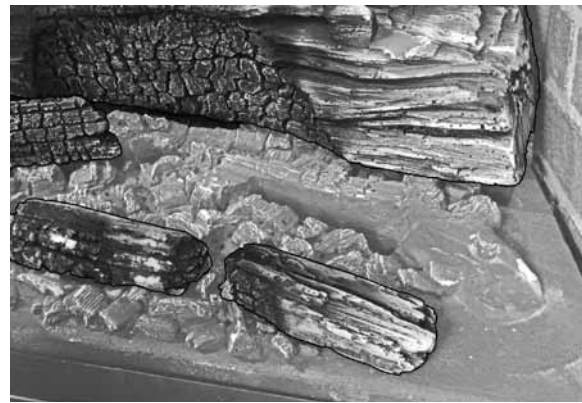
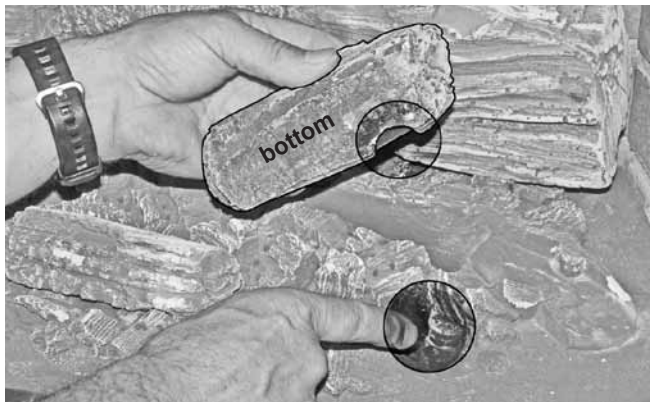


# Ceramic Logs Installation

4. Place the center base log locating its notch on the key in the ember bed as indicated. The darkened part of this log should be on the left side.



5. Place the right-hand base log locating its notch on the key in the ember bed as indicated.



6. Place the right-hand middle log locating its notch on the key in the ember bed as indicated.

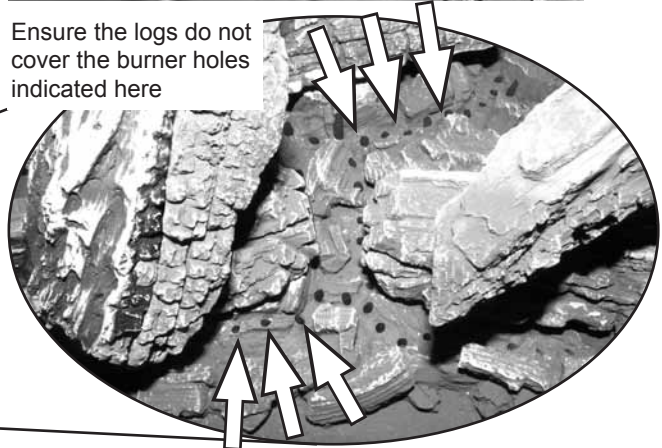
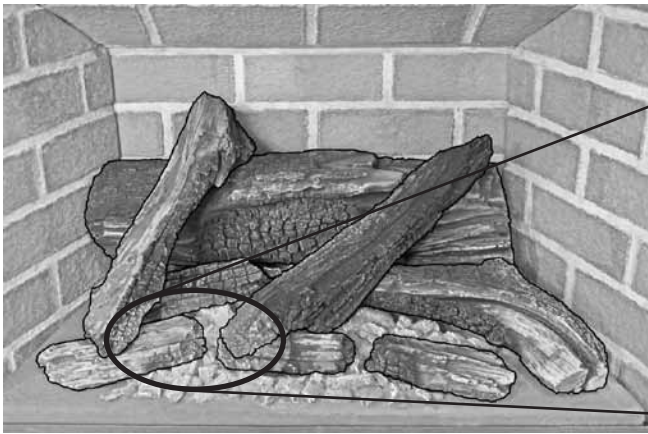


7. Place the left-hand cross log locating its notch on the key on the top of the rear log as indicated. Rest the front end of the log on top of the left base log as indicated.



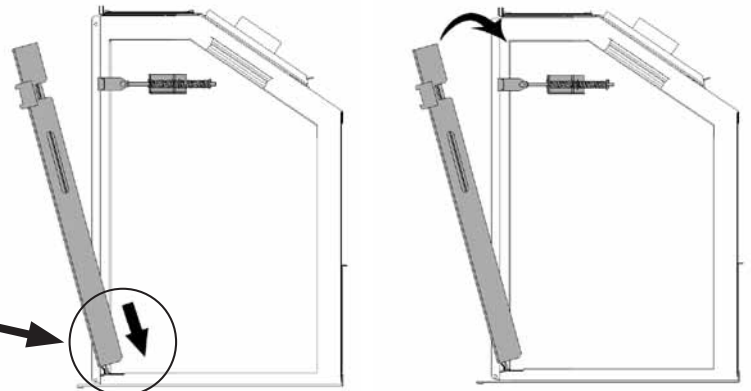
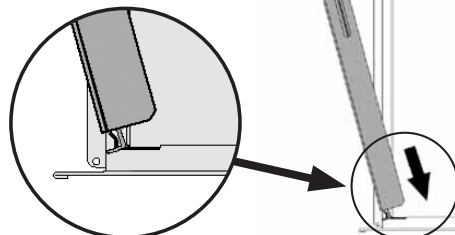
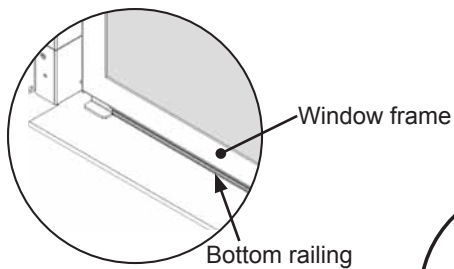
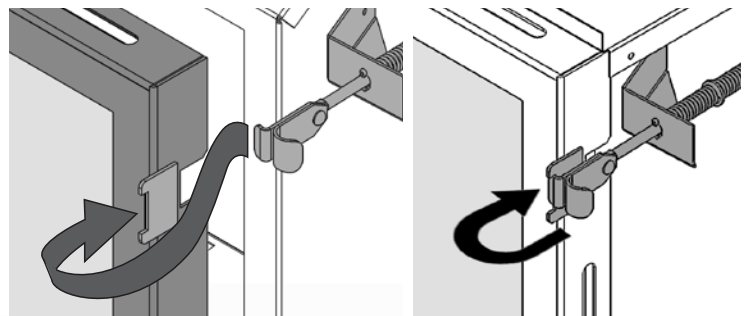
## Ceramic Logs Installation

- Place the right-hand cross log locating its notch on the key on the top of the rear log as indicated. Rest the front end of the log centered on top of the center base log.



## Window Refitting

- To refit the window, place it in its bottom railing and push its top against the firebox.
- While you hold it, pull the side levers back into the window brackets on each side.
- Pull out the top of the window and release it to ensure the springs return it.
- Apply light hand pressure against the window frame sides to bed-in the window seal.



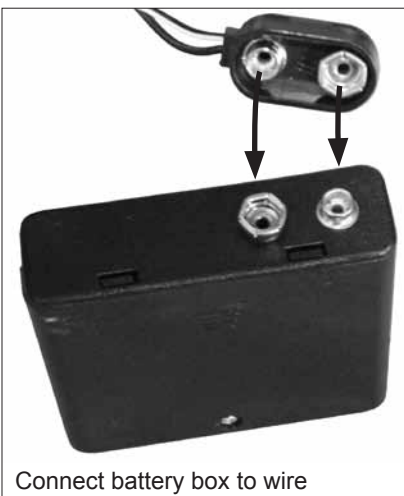
## Remote Control Initial Set-up

The receiver and the handset of the remote control system must be initially synchronized before the first use.

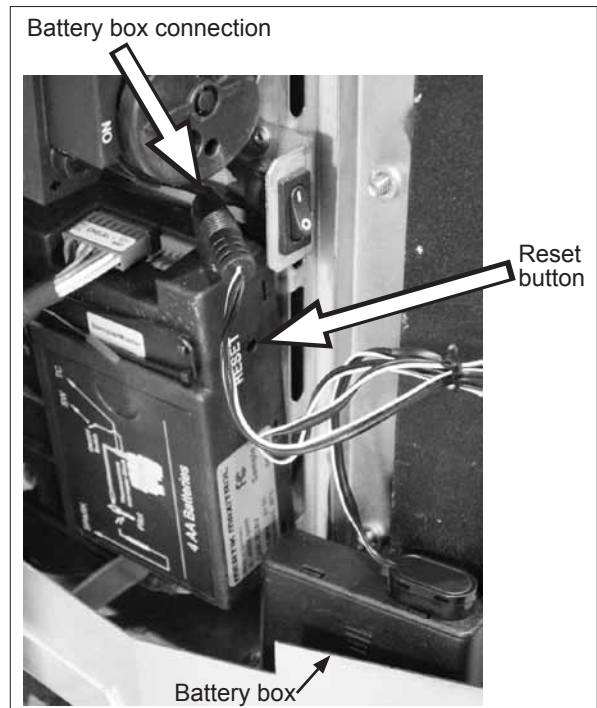
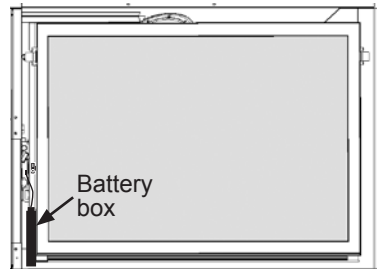
1. Remove the cover of the battery box (1 screw).



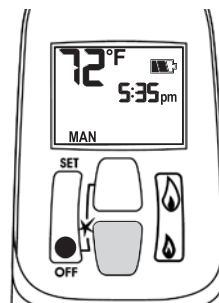
2. Insert alkaline batteries in the battery box and handset.
3. Refit the cover and secure with the screw.
4. On the left hand side of the firebox, pull the loose wire that is already connected to the receiver and connect it to the battery box. Place the battery box upside on the left of the firebox.



5. With a sharp object, press and hold the receiver's reset button until you hear one short and one long beeps. Release the reset button after the second beep.



6. Within the subsequent 20 seconds, press the (small flame button (🔥)) on the remote handset until you hear two short beeps confirming the synchronization is set.



This is a one time setting only and is not required when changing the batteries in the remote receiver. The remote control system is now ready to use.

# Operation Check & Aeration Settings Adjustment

## Operation Check

Turn the fireplace flame up and down using the remote control to confirm that the full range of inputs is achieved—see the remote control operation instructions on pages 24-29.

## Aeration Settings

Light the fire and allow the unit to warm up for 10–15 minutes to evaluate the flame picture. Burners are equipped with an adjustable shutter to control primary aeration. See the figures below. The shutters are factory-set to an aeration gap which will give optimum performance for the vast majority of installations.

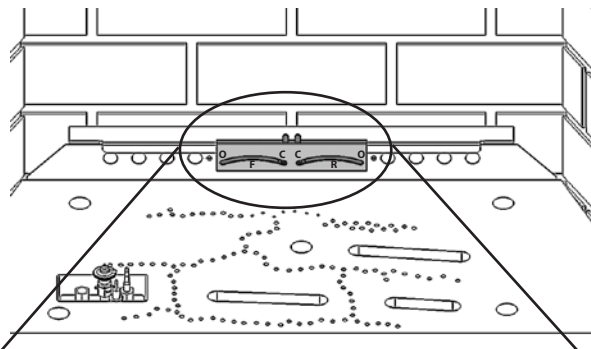
In a few unusual installations, the flame picture may be improved by adjusting the aeration. The need for adjustment should be determined only by operating the appliance with the ceramic logs and window installed.

**Increasing aeration (open)** will cause the flames to appear more transparent and blue showing more ceramic log glow.

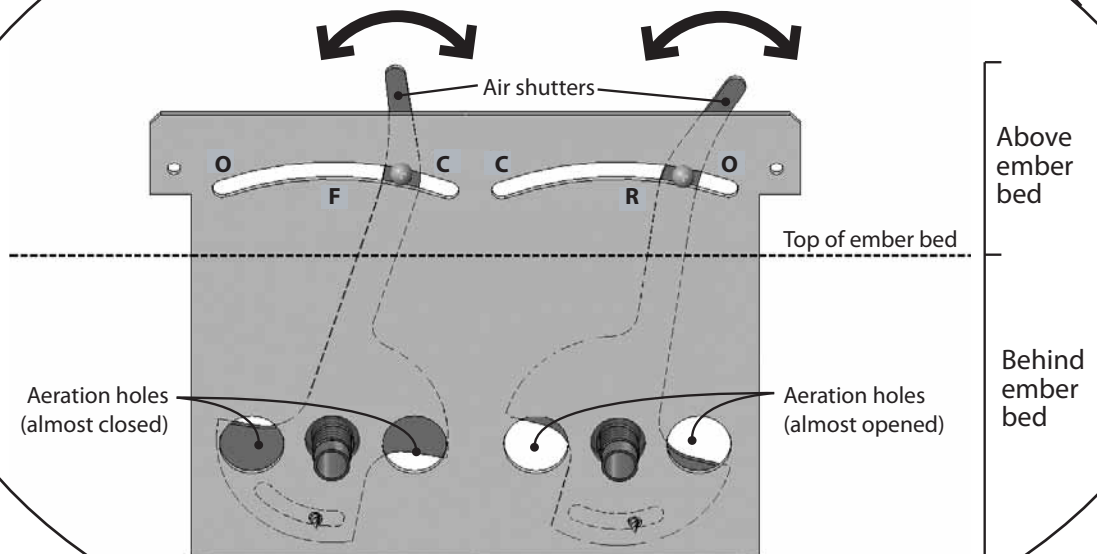
**Decreasing aeration (close)** will cause the flames to appear more yellow or orange showing less ceramic log glow.

**Too little aeration may result in black carbon forming and dropping into the firebox.**

**Note:** The image below shows how the restrictors work. Their positions are for illustration purposes only and **DO NOT** represent how you should set them.

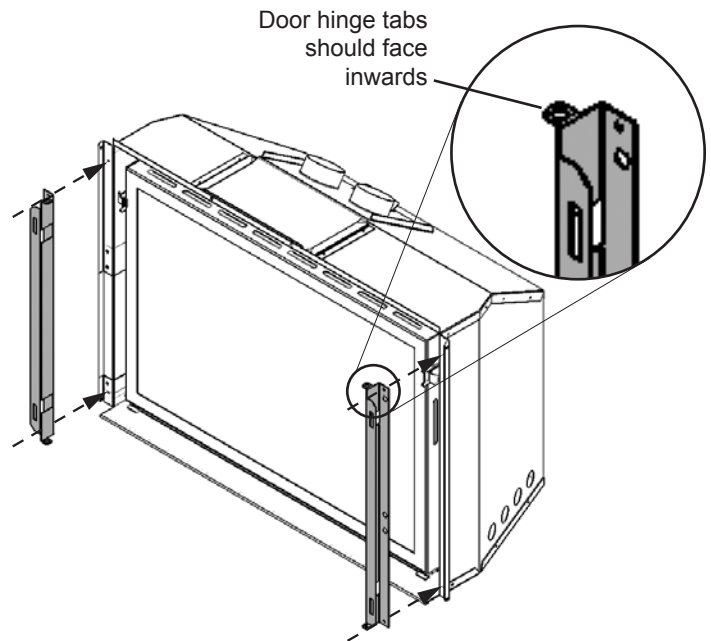


O=Open    F=Front burner  
C=Closed    R=Rear burner



## Side Shrouds Installation

The side shrouds are required to install the front on the appliance. They are supplied with the engine. Fit them to the appliance outer case as indicated (2 screws/side).

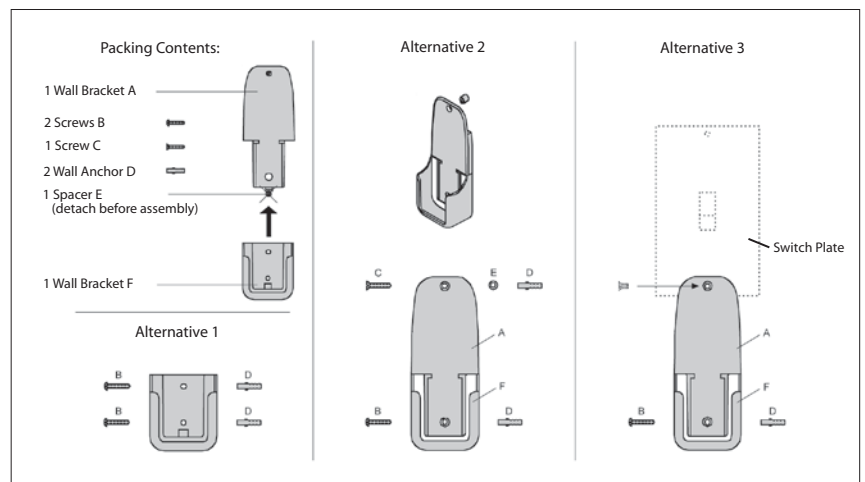


## Remote Control Handset Wall Holder Installation

The remote control kit for this fireplace comes complete with a wall-mounted holder. This holder is not required in all installations but is provided as an optional feature for those customers who wish to mount the remote handset to the wall.

To install the holder to the wall, find a convenient location and use the hardware provided with the kit. See the diagram below for required hardware and configurations. Note that the holder can be installed at the base of a light switch plate.

**IMPORTANT.** The location of the remote control handset is important to assure proper temperature regulation. To obtain a constant temperature, we recommend that the handset should be between 3 and 15 feet away from the appliance **but not directly above it**. We also advise that the handset should be located away from any other heat source and not in direct sunlight as this may affect the temperature sensor located in the remote handset.



# Owner's Information

## WARNING

**HOT HEARTH!** The hearth in front of the fireplace becomes very hot when the fireplace heats. Do not use the hearth as a seat or shelf.

## WARNING

**HOT GLASS!** The use of a screen in front of the glass is highly recommended particularly in households with children.

## CAUTION

Your fireplace becomes very hot when operating. Avoid placing decorating objects sensitive to heat within 36 inches (0.9 m) around it.

Performance of LPG appliances may be affected by the quality of commercial gas supplied in your area.

Warranty Card at the back of this manual.



**Read the Safety Information section on page 4 of this manual.**

## Operating Your Fireplace

For your safety, this appliance is fitted with a flame supervision device which will shut-off the gas supply if, for any reason, the pilot flame goes out. This device incorporates a fixed probe, which senses the heat from the pilot flame. If the probe is cool, the device will prevent any gas flow unless manually lighting the pilot. See full lighting instructions on page 30 of this manual.

## Cleaning

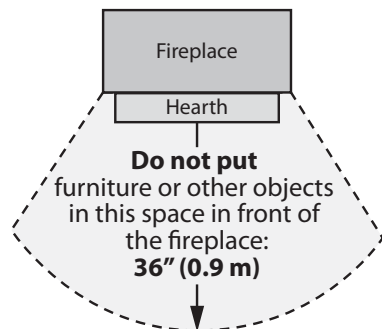
## WARNING

**DO NOT TOUCH THE GLASS WHILE IT IS HOT!** Let the fireplace cool first before cleaning it.

### Important - Glass cleaning - Mineral deposits

One of the by-products of the combustion process in a gas appliance is a mineral which can show up as a white film on the ceramic glass of the viewing door.

The composition of the deposit varies widely from various locations and also from time to time in the same location. It seems this is associated with the varying sulfur content of the gas. You may have the problem for a time and then not see it for many months when it will reappear in your area.



We have discussed this problem with ceramic glass manufacturers and they cannot give us a definitive answer to this problem. Dealers have tried various cleaning products with varying results. The following recommendations will not guarantee results in your particular case.

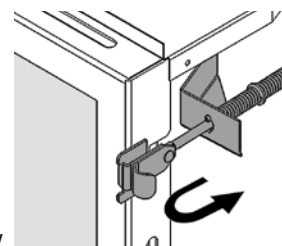
**NOTE: This is a problem beyond Miles Industries' control and is not covered under warranty.**

- Clean the glass regularly as soon as you notice the buildup (white film). If the film is left for a longer period of time, it will bake on. It is then much harder, if not impossible, to remove.
- NEVER use an abrasive cleaner on the ceramic glass. Any abrasion of the surface has the immediate effect of compromising the strength of the glass. An emulsion type cleaner is recommended.
- Use a soft damp cloth to apply the cleaner. Dry the glass with a soft, dry, preferably cotton cloth. Most paper towels and synthetic materials are abrasive to ceramic glass and should be avoided.
- Our dealers have had good results from the products listed below. We cannot, however, guarantee the results of these products.
  - » BRASSO, POLISH PLUS by KELKEM, COOK TOP CLEAN CREME by ELCO, WHITE OFF by RUTLAND, TURTLE WAX

**Do not clean the glass while it is hot.** Always securely replace the window before lighting. **If broken, the glass pane may only be replaced as a complete window unit as supplied by the manufacturer.**

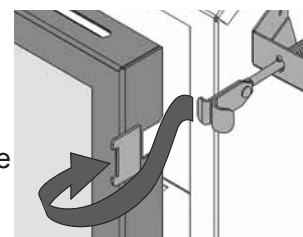
To remove the window for cleaning:

1. Find the levers on each side of the window towards the top. Using your finger, pull the levers towards you and unhook them from the window frame brackets.
2. Gently pull the top of the window outward.
3. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.



To refit the window:

1. Place it in its bottom railing and push its top against the firebox.
2. While you hold it, pull the side levers back into the window brackets on each side.
3. Pull out the top of the window and release it to ensure the springs return it.
4. Apply light hand pressure against the window frame sides to bed-in the window seal.



# Owner's Information

Soot or dust can be brushed from the ceramic logs and firebox walls using a soft brush. Dust can also be removed from the burner using a soft brush after removing the ceramic logs. When cleaning, make sure that no particles are brushed into the slots of the burner.

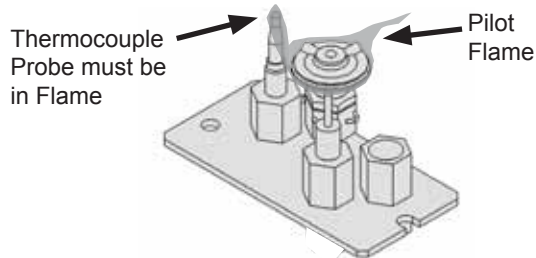
## Checks

A periodic check of the pilot and burner flames should be made. Check after the fire has been on for at least 30 minutes. The pilot flame must cover the tip of the thermocouple probe. The main burner flame pattern will vary from appliance to appliance depending on the type of installation and climatic conditions.



Correct Flame Picture

Pilot Flame can be seen between logs



The appliance area must always be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids.

Inspect the vent terminal outdoors regularly to make sure that snow, trees, bushes, leaves, or other objects do not obstruct it.

Examine the vent system and terminal regularly. We recommend annually.

## Batteries

### CAUTION

**DO NOT USE** a screwdriver or other metallic object to remove the batteries from the battery box or the handset! This could cause a short circuit.

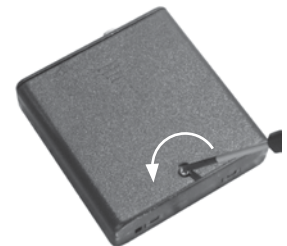
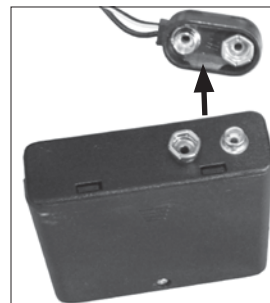
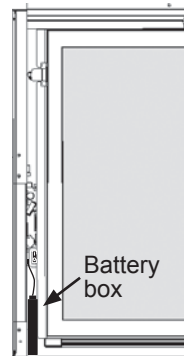
**Low batteries signal: see page 28.**

**BEFORE changing the batteries, disconnect the battery box from the receiver.**

The appliance uses four 1.5 V AA alkaline batteries for its battery box and one 9 V alkaline battery for its handset. Batteries should last one to two seasons, depending on usage. Removing the batteries in the off-season will extend the battery life. Should the batteries lose power, the control may be operated by manually turning the control knob at the valve or by turning off the valve at the switch.

**To replace the batteries in the battery box:**

1. The battery box is located to the left of the firebox behind the left access door. Remove the left access door. Grab the battery box and pull it out from its location.
2. Disconnect the battery box.



3. Remove the box cover (1 screw).
4. Replace the 4 AA batteries.
5. Replace the cover and screw in place.
6. Reconnect the battery box.
7. Put the battery box back in its position.
8. Reinstall the left access door.

## Servicing

If any attention is required for your appliance, contact your supplier quoting the model number. It will be helpful if the appliance's serial number can also be quoted. This number is on the rating plate, which is located under the burner. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts.

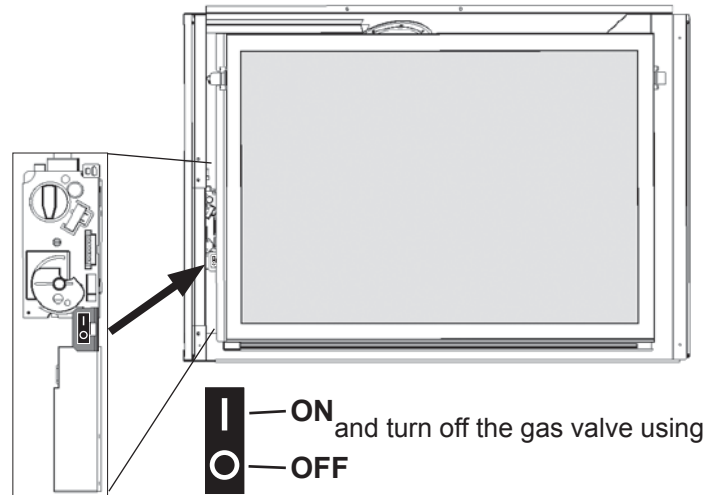
# Owner's Information

## Manual On/Off Switch

In cases where you want to turn off your fireplace and cannot do it with the remote control handset (misplaced, lost, dead batteries, etc.) or if you need to replace the batteries in the battery box, you can turn off the appliance with the manual switch located on the left hand side of the appliance. Remove the left hand side door to access the switch.

If the 1265WSK Wall switch is installed and the remote control will not be used, remove the battery from the handset and store it away.

If you are planning not to use your fireplace for a prolonged period of time, remove the battery from the remote handset the manual ON/OFF switch.



## Pilot/Automatic Shut-off

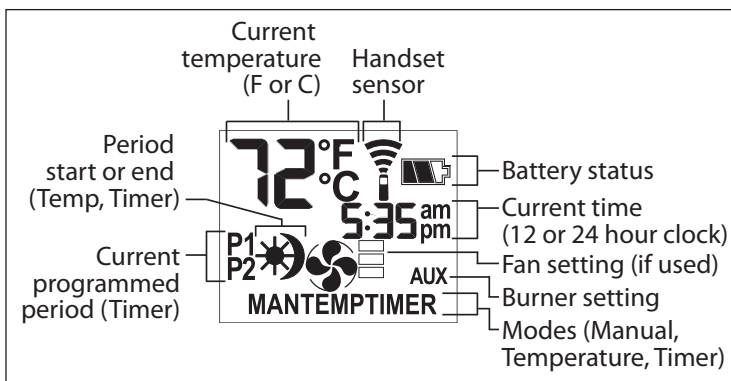
The remote control system is equipped with safety features allowing it to shut the fire down to pilot or to shut-off the pilot completely in certain situations. See *Remote Control Operation* section in the following pages for more information.

# Remote Control Operation

**NOTE: Before using the remote control system for the first time,** the receiver and the handset must be synchronized. See the section *Initial Remote Control Set-up* on page 19 in this manual.

Your fireplace remote control helps you get the comfort, convenience and aesthetics you want from your gas fireplace. The remote controls your fireplace in different ways.

**IMPORTANT: BEFORE YOU BEGIN,** please note that on this system, the settings of time, temperature and automatic ON/OFF **can only be programmed when the function display is flashing.** Be patient when programming as it can take a few seconds to set.

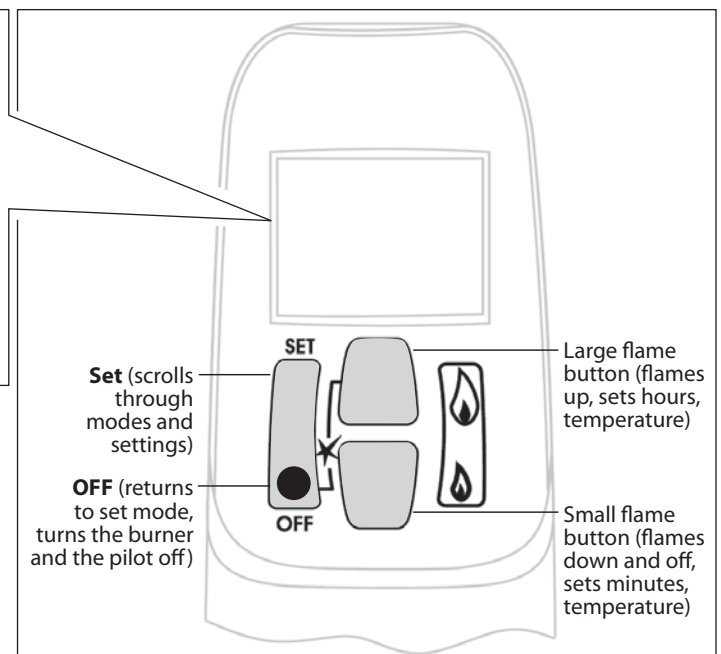


Display Overview

Note: In the TEMP or TIMER modes, the remote handset senses the room temperature and adjusts the flame accordingly.

To communicate, the handset should be within 15 feet (4.5 meters) of the fireplace.

**Do not leave the handset on the mantel or hearth.**



Handset Overview



# Remote Control Operation

## Turning your fireplace ON

**IMPORTANT:** When the pilot is lit, the valve motor turns automatically to maximum flame height.

1. Make sure that the MAN knob on the valve is in ON position.
2. Make sure that the switch on the valve is in the I position.
3. Press and hold the OFF and 🔥 (large flame) buttons until you hear a short acoustic signal. Release the buttons.

The acoustic signals will continue until the pilot lights. The remote control will go automatically into TEMP mode. The flame will be at maximum height until the remote control reads the temperature (factory set) and will then adjust the flame accordingly.

You can put the remote in MAN manual mode, change the temperature in TEMP mode or program your remote in TIMER mode as indicated in the following sections.

## Turning your fireplace OFF

1. Press the 🔥 (small flame) button to reduce the flame to pilot.
2. Press the OFF button to turn the pilot off.

Alternately, you can press the ○ button on the switch if you won't use your fireplace for a long period of time, if you cannot locate your remote control handset or if you wish to change the batteries.

## Split duplex burner

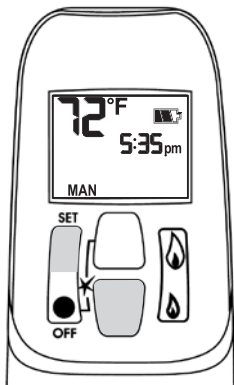
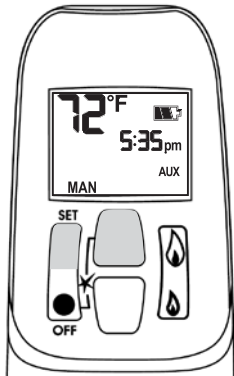
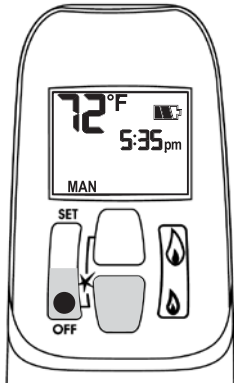
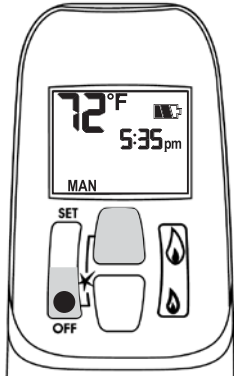
Your fireplace is equipped with a split burner. You can turn the rear part of the burner ON or OFF. When the fireplace is turned on, both parts of the burner are on.

**Note:** The front part of the burner is always ON when the fireplace is lit. The ON/OFF split duplex burner function is only available for the rear part of the burner.

To turn OFF the rear part of the burner, press the 🔥 (small flame) and the SET buttons simultaneously.

To turn ON the rear part of the burner, press the 🔥 (large flame) and the SET buttons simultaneously.

When both parts of the burner are on, the symbol AUX shows on the display of the handset.



Split duplex burner ON/OFF commands diagram at the rear of the handset

# Remote Control Operation

## Operation Modes

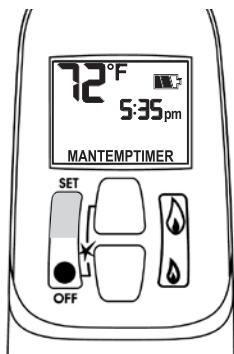
**STANDBY MODE**—Ignited pilot only.

**MAN MAN MODE**—Manual Mode. You can use this mode to adjust the flame height up or down.

**☀ TEMP TEMP MODE**—Daytime Temperature Mode (appliance must be in Standby mode; pilot ignited): The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime set temperature.

**☾ TEMP TEMP MODE**—Nighttime Setback Temperature Mode (appliance must be in Standby mode, pilot ignited): The room temperature is measured and compared to the Nighttime Setback temperature. The flame height is then automatically adjusted to achieve the Nighttime Setback temperature.

**TIMER TIMER MODE**—(appliance must be in Standby mode, pilot ignited): The Timer setting allows you to set two burner ON times and two burner OFF times for every 24-hour period.



### Scrolling through modes and functions

Briefly pressing the **SET** button changes the operation sequences in the following order:

MAN → ☀ TEMP → 💡 → 🌀 → ☾ TEMP → TIMER → and back to MAN.

NOTE: MAN mode can also be reached by pressing either the 🔥 or 🔥 buttons.

Mode	Sun ☀	Moon ☾
<b>TEMP</b>	Daytime temperature setting	Nighttime temperature setting
<b>TIMER</b>	Start time setting	Stop time setting

NOTE: The 💡 icon represents ambient lighting which is not available on this fireplace. The 🌀 represents the optional 795CFK Circulating Fan Kit which functions automatically with the burner when installed on the fireplace

### Flame Height

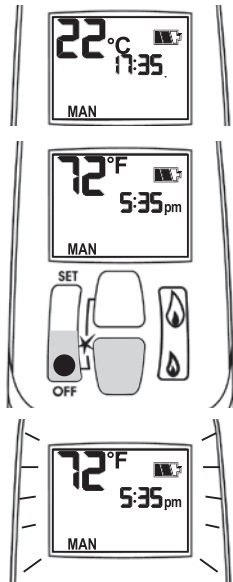
The flame height can be adjusted in the following manners. In MANUAL mode,

1. Press the 🔥 (large flame) button to turn on the main burner.
2. Press the 🔥 (large flame) button to increase the flame height.
3. Press the 🔥 (small flame) button to decrease the flame height or to go to pilot Standby position.

For fine adjustments, tap the 🔥 and 🔥 buttons.

NOTE: While pressing either button, a symbol indicating transmission appears on the upper right hand corner of the display. The receiver confirms transmission with an acoustic signal.

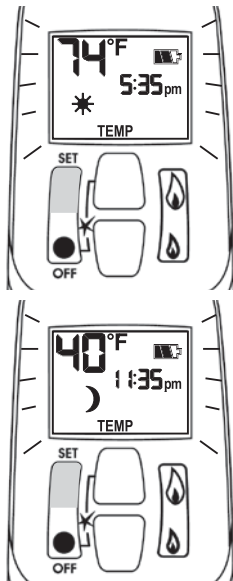
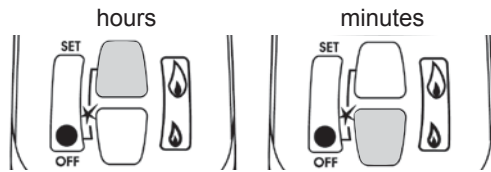
# Remote Control Operation



## Time

To set the time, follow the steps below.

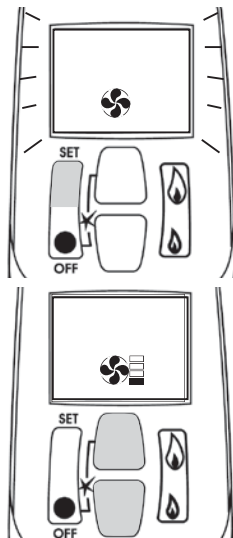
1. The display indicates °C/24-hour or °F/12-hour clock. To change from one to the other, press and hold both the **OFF** and flame buttons until the display changes.
2. To set the time, hold down **both** the flame and flame buttons until the display flashes. Let go.
3. Quickly press the flame button to set the hour and the flame button to set the minutes.  
Note: You must start setting the time while the display is flashing. If it stops flashing, go back to 2.
4. Press the **OFF** button to return to manual mode or simply wait and it will automatically return to Manual mode.



## Temperature

Use this setting when you come in and want to enjoy a set temperature.

1. Select either the ⚙️ **TEMP MODE** or the 🌙 **TEMP MODE** by briefly pressing the **SET** button.
2. Hold the **SET** button until the **TEMP** display flashes.
3. Set the desired temperature with the flame or the flame buttons.  
Note: 4.5°C/40°F is the minimum temperature setting.
4. Press the **OFF** button or simply wait and the display will go to the temperature control mode.  
Note: If you would like the Nighttime Setback temperature control to turn off, decrease the 🌙 **TEMP MODE** setting until [---] appears on the display.  
Your fireplace will reach the set temperatures and the remote handset will check the temperature every five minutes, adjusting the amount of fuel needed to give you a steady, even heat.
5. The display must remain in **TEMP** mode on the remote handset.



## Fan Setting (if equipped)

The fan must be preset to function automatically when the fireplace is turned on. The fan is operated with the remote control system. It has 4 speed levels. On the remote control handset's display, this icon (🌀) represent the fan and this icon (▬▬▬▬) represents the speed. One bar is low, four bars is high. To set the fan:

1. Briefly press the **SET** button until you reach the fan icon 🌀. The fan icon flashes.
2. Press the large flame button (flame) to activate the fan function and increase its speed.
3. Press the small flame button (flame) to decrease the fan speed or to switch the fan OFF.

**NOTE:** 8 seconds after the fan has been set, the remote handset will automatically go into temperature control mode (TEMP). The fan starts 4 minutes after the gas opens (from OFF or from pilot) at maximum speed and goes to the displayed level after 4 seconds. The fan stops 10 minutes after the gas is OFF or at pilot.

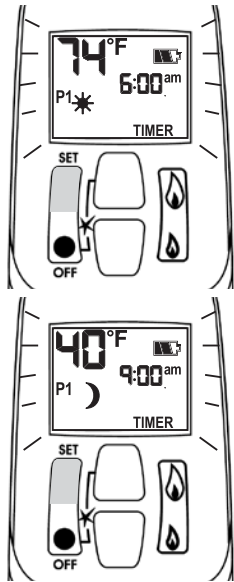
# Remote Control Operation

## Timer

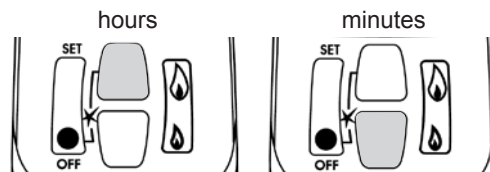
It is possible to program two periods of time per day at which your fireplace will turn on and off automatically.

For example, you can set your fireplace to turn on in the morning just before you get up (P1 ☀ [start time]) and to turn off when you leave for the day (P1 ☾ [stop time]). Then, you can set your fireplace to turn on again at the end of the day (P2 ☀ [start time]) and to turn off when you go to bed at night (P2 ☾ [stop time]).

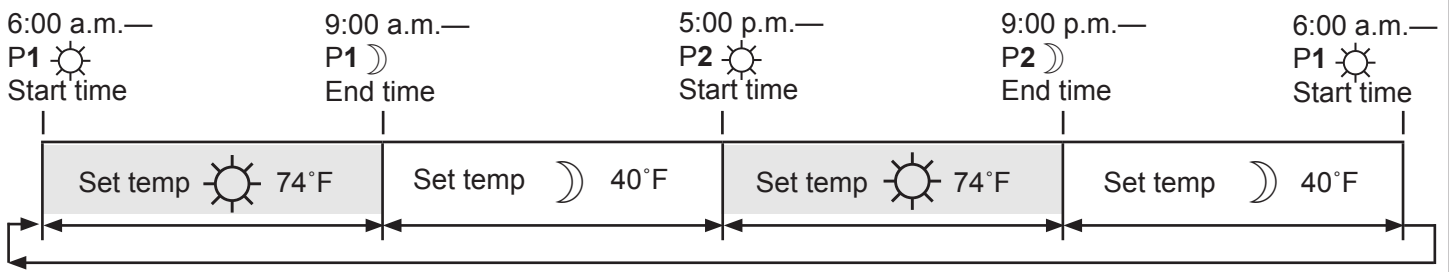
If you wish to set only one time period at which your fireplace will turn on and off, program P2 ☀ [start time] and P2 ☾ [stop time] for the same time as P1 ☀ [start time].



1. Select **TIMER** mode by briefly pressing the **SET** button.
2. Press and hold the **SET** button until **TIMER** is displayed on the lower right hand side.
3. Press and hold the **SET** button until P1 ☀ and the time display flashes. Set the start time by pressing the 🔥 button for the hour and the 🔥 button for the minutes. Then, briefly press **SET** to P1 ☾ and set the stop time in the same manner you just set P1 ☀.
4. Briefly press the **SET** button again for the next burner cycle time, which will be P2 ☀ and P2 ☾.
5. Once all four times are set, press **OFF** or simply wait to complete programming.
6. The remote handset must remain in **TIMER** mode to function automatically.



### Timer Programming Example (default temperatures shown)



### Low Battery Indication

**Remote handset:** BATT will appear on the display when the battery needs to be replaced. Replace with one 9 V **alkaline** battery.

**Receiver:** Three short 'beeps' will sound when the motor turns when the batteries need to be replaced. Replace with four 1.5 V **alkaline** batteries.

**NOTE:** With very low battery, the valve shuts off the fire completely. This does not happen when the power supply is interrupted.

### CAUTION

**DO NOT USE** a screwdriver or other metallic object to remove the batteries from the battery box or the handset! This could cause a short circuit.

# Remote Control Operation

## Handset / Receiver Match

The remote control handset and receiver are programmed to function together. In case of a replacement of the handset or the receiver, you will need to reset the receiver to allow them to function together. Contact your dealer for details.

## Automatic Turn Down

- **No communication.** If there is no transmission from the handset to the receiver within a 6-hour period, the appliance will go to **STANDBY** (pilot) mode.
- **No change in flame height.** If there is no change in the flame height for a 6-hour period, the appliance will go to **STANDBY** (pilot) mode. Note: In **TEMP** or **TIMER** modes, the flame height will change according to the temperature in the room. The appliance will continue to function normally.

## Automatic Shut-Off

- **Low batteries in the battery box.** If the power of the batteries for the receiver is low, the appliance will shut off completely, including the pilot.
- **No change in pilot.** If the appliance is left continuously on **STANDBY** (pilot) mode for 5 days, it will shut off completely.

## Options

### Venting (required)

See approved venting accessories listed on page 31.

### Liner (required)

786LSL—Ledgestone Liner Set  
787EBL—Enamel Black Liner Set  
788FBL—Fluted Black Liner Set  
789VRL—Valor Red Brick Liner Set

### Front (required)

790FTV—Floating Trim Kit Vintage Iron (2-1/2")  
791STB—Square Trim Kit Black (5-3/4")  
791STV—Square Trim Kit Vintage Iron (5-3/4")  
792FTV—Floating Trim Kit Vintage Iron (5")  
792FTZ—Floating Trim Kit Bronze (5")

### Optional Accessories

793RTB—Riser Black (2-1/2")  
793RTV—Riser Vintage Iron (2-1/2")  
794TBB—Trimmable Backing Plate Black 31" x 46"  
795CFK—Circulating Fan Kit  
796ALP—Adjustable Leveling Platform  
797FSB—Framed Safety Screen Black  
1265WSK—Wall Switch Kit

### Conversion Kit

785PGK—Conversion Kit to Propane Gas  
785NGK—Conversion Kit to Natural Gas

### Hearth Gate

Hearth gates such as Kidco's are available at retail stores carrying safety products for children.

# Lighting Instructions

## FOR YOUR SAFETY, READ BEFORE LIGHTING

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

- A. This appliance has a pilot which must be lighted by hand or by remote control. Follow these instructions exactly. To save gas, turn the pilot off when not using the appliance for a prolonged period of time.
- B. BEFORE LIGHTING, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas are heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS**
- Do not try to light any appliance.
  - Do not touch any electric switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the control knobs. Never use tools. If the knobs will not push in or turn by hand, don't try to repair them; 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 to replace any part of the control system and any gas control, which has been under water.

## LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above. Dependent on model, switch #1 may be mounted directly to valve see Fig 2A.

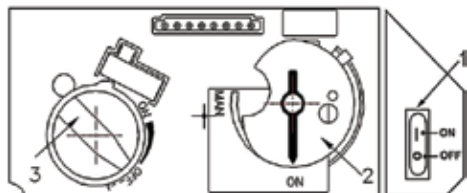


Fig 1

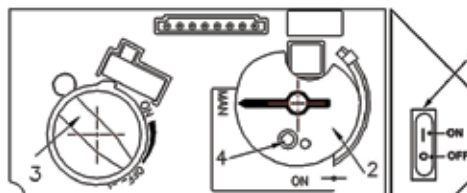


Fig 2

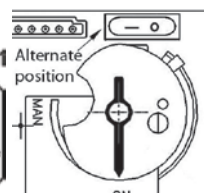
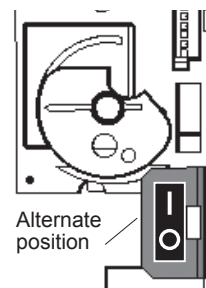




Fig 2A



2. SET ON/OFF SWITCH (1) TO "OFF" POSITION.

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

3. AUTOMATIC IGNITION (fig. 1): Locate the pilot (fig. 3.) inside of firebox at Left Hand side.

- ON/OFF switch (1) in ON position, MAN-knob (2) in ON position; set Flame Adjustment knob (3) to lowest setting (∩);
- On the remote control handset, press and hold the 'off' button and  (large flame) simultaneously; a short acoustic signal confirms the start has begun;
- Further short acoustic signals indicate the ignition process is in progress;
- When the pilot is lit, the Flame Adjustment knob (3) will automatically rotate to the highest setting.
- Press the  (small flame) on the remote control handset to reduce the flame height.

4. MANUAL IGNITION (fig. 2): With the window off, locate the pilot (fig. 3)

- inside of firebox at Left Hand side;
- ON/OFF switch (1) in ON position, MAN-knob (2) in MAN position;
- Set Flame Adjustment knob (3) to the lowest setting (∩);
- Push down the metallic core (4) with a pen or similar instrument; this will establish the pilot gas flow;
- Light gas at the pilot (5) with a match;
- Continue holding down metal core (4) for about 10 seconds; after release, pilot should remain lit;
- If the pilot will not stay lit after several tries, turn the gas control knob (3) to "OFF" (∩) and call your local service technician or gas supplier.

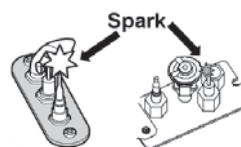



Fig 3

Reinstall the window and set the MAN-knob (2) to "ON"; turn Flame Adjustment knob (3) up (∩) or down manually or use the up/down 'flame' buttons on the remote control handset to adjust the flame height.

## TO TURN OFF GAS TO APPLIANCE

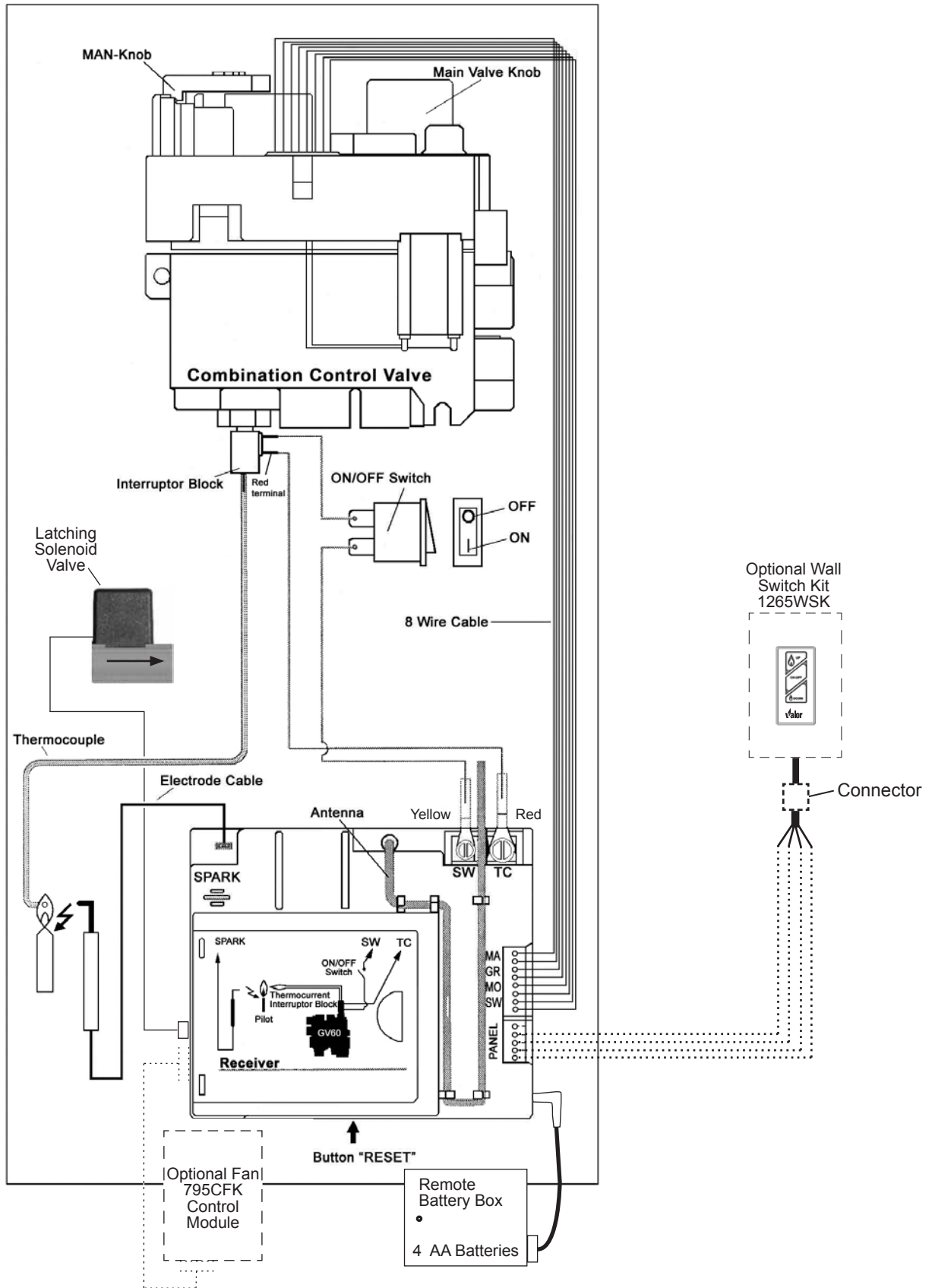
1. AUTOMATIC SHUT-OFF (using the remote control handset):

- Press and hold the  (small flame) on the remote control handset to shut-off the main burner gas flow;
- Press "OFF" button on remote handset to shut-off the appliance, including pilot flame.

2. MANUAL SHUT-OFF (using only the ON/OFF switch (1))



- Press "O" the ON/OFF switch (1) to shut-off the appliance.

# Wiring Diagram



GV60 Wiring Diagram

# Venting Table

APPROVED DIRECT VENT SUPPLIERS FOR VALOR MODELS 739, 780, 785 & RF24DV								
  <b>Venting Parts Description</b>		Venting Parts Code / availability by Manufacturer						
		SIMPSON DURA-VENT	SELKIRK	ICC EXCEL DIRECT	SECURE VENT	RLH INDUSTRIES	MILES INDUSTRIES	
Termination Caps	Vertical	Standard Co-axial	46DVA-VC	4DT-VC	TM-4VT	—	HSDV4658-1313	—
		High Wind Co-axial	46DVA-VCH	—	—	SV4CGV	—	—
		Extended Co-axial	46DVA-VCE	—	—	—	—	—
		Co-linear	—	—	—	3PDVCV	HS-C33U-99 HS-C33F-1313	559CLT
Vent Adapters / Couplers	Universal Adapter 3” Flex Coupler	2150	—	TM-CFAA3	—	—	—	
	Co-linear Flex Connector	46DVA-ADF	—	—	—	—	—	
	Co-axial-to-Co-linear Adapter	46DVA-GCL	—	TM-4CAA	—	—	—	
	Co-linear-to-Co-axial Adapter	46DVA-GK	—	TM-4CTA	—	—	—	
Aluminum Flexible Liner	3” diameter	2280 Series	3” ACFL	NOTE: 2-ply liner approved to CAN/ULC S635 suitable for venting gas appliances. As manufactured by Z-Flex.				
Flashings	Roof Flashing 0/12-6/12	46DVA-F6	4DT-AF6	TF-4FA	SV4FA	—	—	
	Roof Flashing 7/12-12/12	46DVA-F12	4DT-AF12	TF-4FB	SV4B	—	—	
	Flat Roof Flashing	46DVA-FF	—	TF-4F	SV4F	—	559FSK	
	Masonry Flashing	—	—	TF-4MF	—	—	—	

**Notes:** 1) Follow instructions supplied with each manufacturer’s components. 2) Termination caps manufactured by RLH Industries are from Homestyle Chimney Collection and can be ordered in one of the following finishes: a) aluminum; b) black powder coated; c) solid copper.



# Warranty

If you have a problem with this unit, please contact your dealer or supplier immediately. Under no circumstances should you attempt to service the unit in any way by yourself. The warranties in paragraphs 1 and 2 are provided only to the first purchaser/user of this unit, are not transferable and are subject to the conditions and limitations in paragraphs 3, 4 and 5. Please review the conditions and limitations carefully and strictly follow their requirements.



## 1. Extended Warranty Coverage

For a period of up to ten (10) years, Miles Industries Ltd., (the "Company") or its appointed distributor will at its option pay the initial purchaser for the repair of, or will exchange the following parts or components which are found to be defective in material or workmanship under normal conditions of use and service:

Part or Component	Defect Covered	Maximum Warranty Period
Exterior steel casing	Corrosion	10 years
Glass	Loss of structural integrity	10 years
Cast iron parts	Corrosion	10 years
Firebox and heat exchanger	Corrosion (but not discoloration) causing loss of structural integrity	10 years

## 2. Two-Year Parts Warranty

In addition, for two (2) years from the date of purchase, the Company, at its option, can repair or exchange all parts and components not listed above but that are found to have a *bona fide* defect in material or workmanship under normal conditions of use.

## 3. Conditions and Limitations

- a) The warranty registration card must be completed by the initial owner and returned to the Company within 90 days of purchase.
- b) Installation and maintenance must be performed by an authorized and trained dealer in accordance with the Company's installation instructions.
- c) This warranty is void where installation of the unit does not conform to all applicable codes including national and local gas appliance installation codes and building and fire codes.
- d) The owner must comply with all operating instructions.
- e) The Company is not responsible for the labor costs to remove defective parts or re-install repaired or replacement parts.
- f) The first purchaser or user of the unit will be responsible for any shipping charges for replacement parts as well as travel time incurred by the dealer to perform the warranty work.
- g) This warranty applies to non-commercial use and service and is void if it is apparent that there is abuse, misuse, alteration, improper installation, accident or lack of maintenance to the unit.
- h) This warranty does not cover damage to the unit through:
  - i) Improper installation, operational or environmental conditions.
  - ii) Inadequate ventilation in the area or competition for air from other household equipment or appliances.
  - iii) Damage due to chemicals, dampness, condensation, or sulphur in the fuel supply lines which exceeds industry standards.
- i) This warranty does not cover glass, log breakage or damage to the unit while in transit.
- j) The Company does not allow anyone to extend, alter or modify this warranty and assumes no responsibility for direct, indirect or consequential damages caused by the unit. State or provincial laws where the first purchaser or user resides may provide specific rights to extend this warranty and, if so, the Company's sole obligation under this warranty is to provide labor and/or materials in accordance with those laws.

## 4. Discharge of Liability

After two (2) years from the date of purchase, the Company may, at its option, fully discharge all obligations under this warranty by paying to the first purchaser/user the wholesale price of any defective parts.

## 5. No Other Warranty

All obligations to repair this unit are defined in this warranty. Some states or provinces may specifically mandate additional warranties on the part of manufacturers, but in the absence of such specific legislation, there is no other warranty or obligation expressed or implied.

## Spare Parts

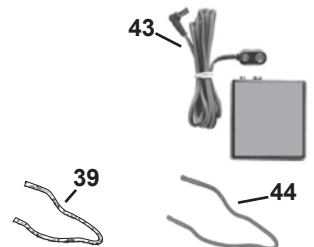
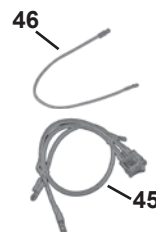
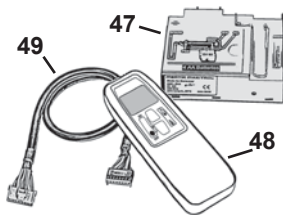
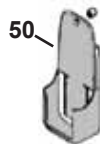
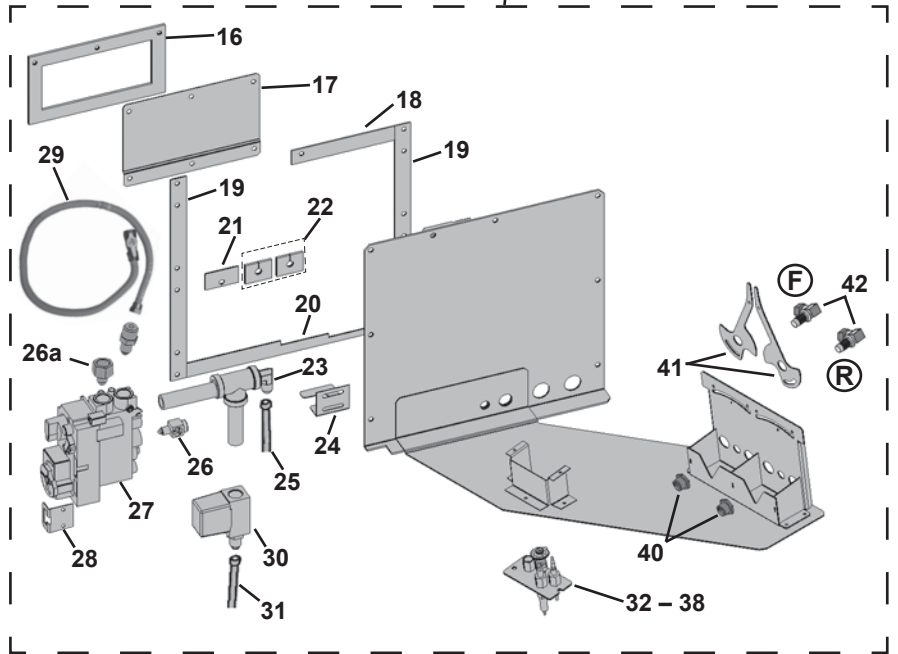
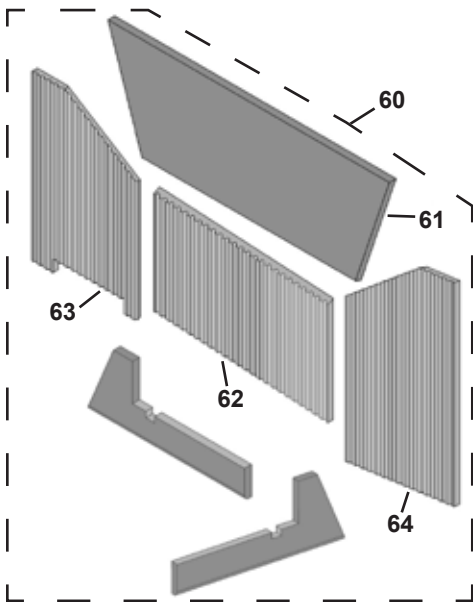
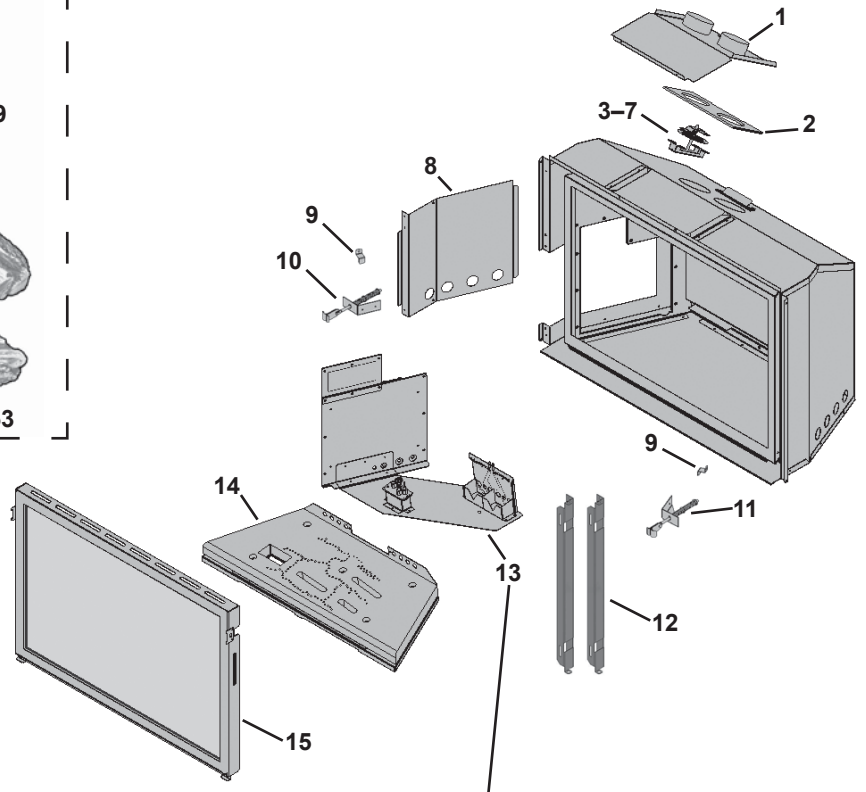
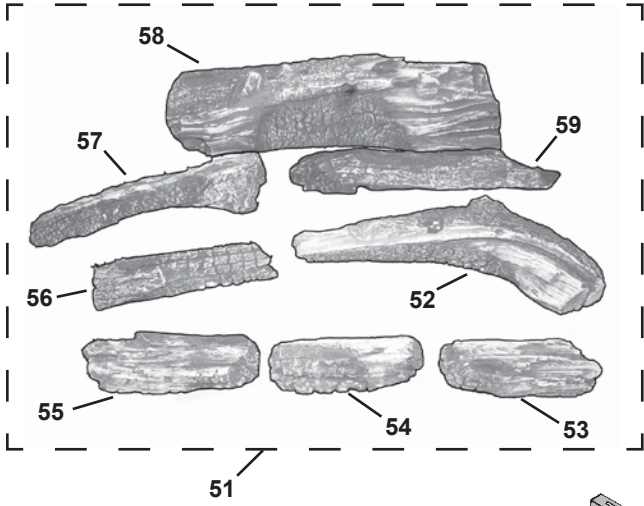
Code	Description	Part Number
1	Exhaust Slide Assembly	4002287
2	Exhaust Slide Gasket	4000176
3	Restrictor enclosure	4002330
4	Metal strip	4002329
5	Restrictor assembly	4002707
6	Coil spring	4002605
7	Rod support	4002331
8	Valve access cover	4002289
9	Side brick anchors (2)	4001283
10	LH Explosion relief assembly	4001286
11	RH Explosion relief assembly	4001287
12	Shrouds (2)	4002446
13	Burner module assembly NG	4002257S
	Burner module assembly LPG	4002258S
14	Ceramic burner platform	4002573
15	Window frame assembly (inc. glass)	4002259
16	Access panel gasket	4002664
17	Access plate	4002510
18	Top gasket	4002403
19	Side gaskets (2)	4002404
20	Bottom gasket	4002405
21	Sealing gasket	4001363
22	Pipe gaskets (2)	4002595
23	Elbow connector	4002355
24	Pipe support	4002508
25	Front pipe assembly	4002485
26	Thermocouple interrupter	4001037
26a	Inlet brass connector	4000746
27	GV60 valve	4000873X
28	Switch bracket	4002566
29	34" flex pipe	4002475
30	Solenoid	4002250
31	Rear pipe assembly	4002486
32	Pilot Assembly NG	4000735
	Pilot Assembly LPG	4001691
33	Thermocouple	4000061
34	Pilot Injector #51 NG	4000735
	Pilot Injector #30 LPG	4000736
35	Pilot Tube	4000732
36	Pilot Hood 2 Flame	4000730
37	Extended Nut	4001855

Code	Description	Part Number
38	Electrode	4001856
39	Insulation sleeve for ignition cable	4002244
40	Injector nut	420K464
41	Air shutters (2)	4002590
42F	Front - Injector elbow #500 NG	4002606
	Front - Injector elbow #150 LPG	4002867
42R	Rear - Injector elbow #360 NG	4002607
	Rear - Injector elbow #280 LPG	4002866
43	Auxiliary battery holder	4002249
44	Ignition Cable	4001039
45	Switch with Cable	4001036
46	Cable Interrupter	4001035
47	Receiver	4002422
48	Remote Control Handset 'Max'	4002251
49	Wiring Harness	4001187
50	Remote Control Wall Holder	9000008
51	Log Set Complete	4002610
52	RH middle log	4002683
53	RH base log	4002685
54	Center base log	4002686
55	LH base log	4002684
56	LH middle log	4002682
57	LH cross log	4002680
58	Rear log	4002681
59	RH cross log	4002679
60	Liner panels—complete set	
a	Ledgestone	786LSL
b	Enamel black	787EBL
c	Ceramic fluted black	788FBL
d	Valor red brick	789VRL
61	Top panel	
a	Ledgestone	4002368
b	Enamel black	4002374
c	Ceramic fluted black	4002374
d	Valor red brick	4002385
62	Rear panel	
a	Ledgestone	4002367
b	Enamel black	4002373EB
c	Ceramic fluted black	4002379
d	Valor red brick	4002384

## Spare Parts

<b>Code</b>	<b>Description</b>	<b>Part Number</b>
63	Left side panel	
a	Ledgestone	4002365
b	Enamel black	4002371EB
c	Ceramic fluted black	4002377
d	Valor red brick	4002382
64	Right side panel	
a	Ledgestone	4002366
b	Enamel black	4002372EB
c	Ceramic fluted black	4002378
d	Valor red brick	4002383

# Spare Parts



## Thank You ...

For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified dealer.

***Please circle where appropriate - ask your installer or your dealer if in doubt. The information provided will be used for customer records only.***



Model: <b>785IL</b> <b>NG</b> (natural gas) <b>LPG</b> (propane)		Serial No:					
Front/Trim code/description (e.g. 790FTV Floating Trim Kit Vintage Iron):							
Purchase date (mm-dd-yyyy):							
Home Owner Name:							
Address:							
City:			Province/State:			Postal Code/Zip:	
Phone: (    )			Email Address:				
Store Type:		Fire shop	Hardware	Contractor	Other		
Purchase Decision:		Male	Female	Both			
Age:	Under 30	30-39	40-49	50-59	60+		
Heard of this product through:							
	Friend	Brochure	Advertising	Mailing	Store	Internet	Other
Installation Type:							
	New home	Renovation	Other				
Reason for Purchase:							
Performance	Flame Appeal	Design	Control	Previous owner	Recommendation	Price	Other
Dealer Name:							
Address:							
City:			Province/State:			Postal Code/Zip:	
Phone: (    )							

Cut out page, fill information, and mail to Miles Industries Ltd.

**Online Warranty registration at [www.valorfireplaces.com](http://www.valorfireplaces.com)**



Tape Shut



Fold here



Postage  
needed

Miles Industries Ltd.  
190 - 2255 Dollarton Highway  
North Vancouver, BC V7H 3B1  
Canada

**Online Warranty registration at [www.valorfireplaces.com](http://www.valorfireplaces.com)**

Were you given all documentation and manuals for your product?      YES      NO



*Thank you for choosing a Valor Product*