

# INSTALLATION & OWNER'S MANUAL

**AutoFire™**

Canadian Patent 2,717,779 issued Oct 24 2017

US Patent 10,060,624 issued Aug 18 2018

US Patent 10,935,246 issued March 2 2021

# valor® Retrofire

US Patent no. 8,166,965



## Direct Vent Fireplace Insert

RF24JDN-CL with **AutoFire™**  
(co-linear/natural gas)

RF24JDP-CL with **AutoFire™**  
(co-linear/propane gas)

RF24JDN-CA (co-axial/natural gas)

RF24JDP-CA (co-axial/propane gas)

# ! DANGER

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



**HOT GLASS WILL  
CAUSE BURNS.**

**DO NOT TOUCH GLASS  
UNTIL COOLED.**

**NEVER ALLOW CHILDREN  
TO TOUCH GLASS.**

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

## INSTALLER

Leave this manual  
with the appliance.

## CONSUMER

Retain this manual  
for future reference.

### ⚠ WARNING

#### FIRE OR EXPLOSION HAZARD

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

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

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.

Installer: Place model/serial number here.

Ce guide est disponible en français sur demande.

# Table of Contents

## FOR THE OWNER

|   |           |
|---|-----------|
| <b>Safety and Your Fireplace</b> .....                                  | <b>3</b>  |
| <b>Introduction</b> .....   | <b>6</b>  |
| Locating Fireplace & Lighting Information Card .....                    | 6         |
| Operating Your Fireplace for the First Time.....                        | 6         |
| <b>Operating Your Stove</b> .....                                       | <b>7</b>  |
| Fireplace Control Devices .....   | 7         |
| How to Turn Your Fireplace ON.....                                      | 7         |
| How to Turn Your Fireplace OFF (including pilot).....                   | 7         |
| How to Ensure Your Fireplace Cannot Be<br>Turned ON Inadvertently ..... | 7         |
| <b>Remote Control Operation</b> .....                                   | <b>8</b>  |
| <b>Kits &amp; Accessories</b> .....                                     | <b>12</b> |
| <b>Lighting Instructions</b> .....                                      | <b>13</b> |
| <b>Servicing &amp; Maintenance</b> .....                                | <b>14</b> |
| Servicing Your Fireplace.....   | 14        |
| Annual Inspection.....  | 14        |
| Cleaning Your Fireplace .....   | 15        |
| Checking Pilot and Burner Flames .....                                  | 17        |
| Replacing Batteries .....   | 18        |
| Using Handset Wall Holder.....  | 18        |
| <b>Warranty—Indoor Installations</b> .....                              | <b>51</b> |
| <b>Warranty—Outdoor Installations</b> .....                             | <b>52</b> |

**Warranty Card at the back of this manual.**



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).

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## FOR THE QUALIFIED INSTALLER

|   |           |
|---|-----------|
| <b>Specifications</b> .....                     | <b>20</b> |
| <b>Overview—Co-linear Option</b> .....          | <b>21</b> |
| <b>Overview—Co-axial Option</b> .....           | <b>23</b> |
| <b>Dimensions—Co-linear Option</b> .....        | <b>25</b> |
| <b>Dimensions—Co-axial Option</b> .....         | <b>26</b> |
| <b>Venting</b> .....                            | <b>27</b> |
| <b>Vent Termination—Co-linear Option</b> .....  | <b>28</b> |
| <b>Vent Termination—Co-axial Option</b> .....   | <b>29</b> |
| <b>Vent Terminal Location</b> .....             | <b>29</b> |
| <b>Existing Fireplace Preparation</b> .....     | <b>30</b> |
| <b>Installation</b> .....                       | <b>31</b> |
| Unpack Appliance.....                           | 31        |
| Prepare Appliance .....                         | 31        |
| Install Vent Plate to Appliance .....           | 32        |
| Connect Venting—Co-linear Applications.....     | 33        |
| Connect Venting—Co-axial Applications .....     | 34        |
| Re-install Support Legs (if removed).....       | 35        |
| Level Firebox in Hearth .....                   | 35        |
| Re-install Burner Module .....                  | 35        |
| Connect Gas Supply.....                         | 36        |
| Connect Gas Line and Test Appliance.....        | 37        |
| Re-install Log Support .....                    | 37        |
| Re-install Firebox Top Baffle (if removed)..... | 37        |
| Install Top Convection Baffle .....             | 37        |
| Install Convection Baffle Extension .....       | 38        |
| Install Traditional Log Set MF28LSK .....       | 39        |
| Install Driftwood Set MF28DWK .....             | 41        |
| Refit and Check Window .....                    | 43        |
| Install Battery Holder .....                    | 44        |
| Synchronize Remote Control.....                 | 45        |
| Check Operation.....                            | 45        |
| Adjust Aeration (if necessary).....             | 45        |
| Install Barrier Screen to Window Cover.....     | 46        |
| Install Window Cover and Barrier Screen.....    | 46        |
| Identify Installed Appliance .....              | 46        |
| Install Bottom Cover or Cast Iron Fret.....     | 47        |
| Install Handset Wall Holder .....               | 48        |
| <b>Wiring Diagram</b> .....                     | <b>49</b> |
| <b>Approved Venting Components</b> .....        | <b>50</b> |
| <b>Warranty—Indoor Installations</b> .....      | <b>51</b> |
| <b>Warranty—Outdoor Installations</b> .....     | <b>52</b> |
| <b>Spare Parts</b> .....                        | <b>53</b> |

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



## SAFETY AND YOUR FIREPLACE

**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.

**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.

**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.



### **WARNING:**

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

**Do not use this heater as a temporary source of heat during construction.**

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.

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

**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.

**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.

**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.**

If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.

Any safety screen, guard or barrier removed for servicing the appliance, must be replaced prior to operating 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.



# Safety and Your Fireplace

## Read and carefully follow all safety warnings and operating instructions contained in your owner's manual

Replacement manuals are available by contacting the Valor Service Department at 1-800-468-2567 or visit [www.valorfireplaces.com](http://www.valorfireplaces.com).

### FOLLOW THESE IMPORTANT CHILD SAFETY PRECAUTIONS AND RECOMMENDATIONS

**Parts of your Valor Fireplace become extremely hot while in operation.**

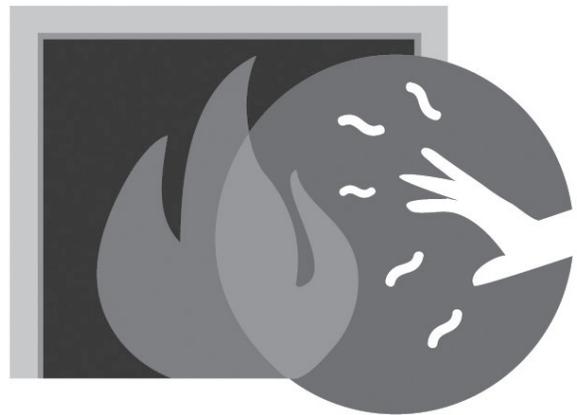
**The glass viewing window temperature can exceed 500 F at full capacity.**

**Momentary contact with a hot glass surface can cause a severe burn**, even if the fireplace is operating at reduced heating capacity.

**The glass window will remain hot** for an extended period of time after the fireplace has been turned off. Ensure that children are prevented from touching the fireplace during the cool down period.

**Toddlers and Young Children must be closely supervised at all times** when they are in the same room as the operating fireplace. They lack full awareness of danger and rely on your protection. Toddlers, in particular, do not have the motor skills and response reflexes to withdraw in the event of accidental contact with a hot surface.

**A physical barrier is strongly recommended** if there are young children, or at-risk individuals in the house. Install an approved after-market safety gate to keep toddlers, young children and



other at-risk individuals a safe distance from the fireplace.

**Keep the remote control handset out of reach of children at all times.** A wall mount storage holster is provided with your remote control handset.

**Ensure that the fireplace, including the pilot light, is completely turned off** when children are present and close supervision and safety barriers are not available—see page 7 of this manual.

**If the fireplace is not going to be used** for the summer or any extended period of time, remove the batteries from the remote control handset and remote battery box. It is recommended that batteries are replaced annually in any event—see page 18.



## SAFETY AND YOUR FIREPLACE

This manual and particularly the preceding and following pages contain very important information regarding the safe operation of your fireplace as well as maintenance instructions. Read carefully before operating your fireplace and pay special attention to the safety warnings.

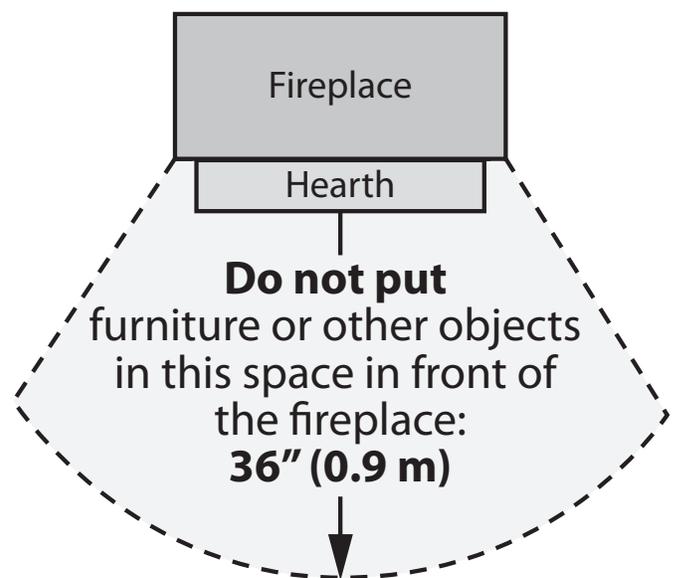
A heating gas appliance does require safe handling. For this reason, we very strongly recommend children are not allowed to touch the fireplace or controls. **Install a screen or barrier in front of the fireplace to protect your children against severe burns.**

This appliance is designed and approved as a supplemental heater and provides the potential for most energy conservation when used while attended. The use of an alternate primary heat source is advisable.



## WARNING EXTREMELY HOT!!!

- **Read the safety information on pages 3 and 4 of this manual before operating your gas heater.**
- Some parts of your fireplace are **extremely hot**, particularly the **glass** window.
- **Do not let children touch the glass** or any parts of your fireplace **even after it is turned off** as it is still hot.
- **Use the barrier screen** provided with the trim or a gate to reduce the risk of severe burns.
- Keep the remote control handset **out of reach of children.**
- **Hot hearth/floor surface!** The hearth or floor directly in front of the fireplace is very hot when the fireplace heats. Even if constructed of non-combustible materials, and although safe, it may reach temperatures **in excess of 200° F** depending on choice of materials. **Do not step on it!**
- Some materials or items, although safe, may discolor, shrink, 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** within 36 inches (0.9 m) around the fireplace.
- Solid wood flooring in front of the fireplace (if allowed) may shrink during the heating season due to heat.



**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.**

**Locating Fireplace & Lighting Information Card**

**⚠ WARNING**

**DO NOT ATTEMPT TO TOUCH THE DATA CARD WHILE THE FIREPLACE IS STILL HOT! Let the fireplace cool first before touching it.**

The Fireplace and Lighting Information card is located under the firebox.

To access the card, remove the fret or bottom cover and grab the card and slide it out to read it. There is important information on both sides.

**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.

**Flame Supervision Device**

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 13 of this manual.

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

**Fireplace model**

**Serial number**

# Operating Your Stove

## Fireplace Control Devices

There are three ways to control your fireplace.

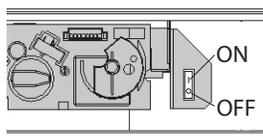
1. Thermostatic Remote Control can be programmed to function automatically—see details in *Remote Control Operation* section on pages 8-11;
2. Wall Switch (optional) turns fire on, off and controls flame height—see Wall Switch Kits 1265WSK or RBWSK.
3. Manual On/Off switch must be ON for the fireplace to function. It can be used to shut off the fireplace in case of emergency—see below.



Thermostatic Remote Control



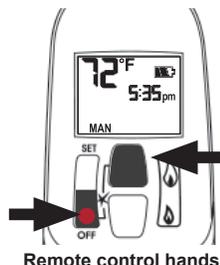
Wall Switch (optional)



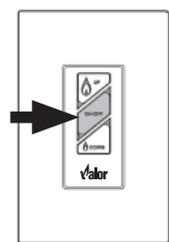
Manual On/Off Switch

## How to Turn Your Fireplace ON

Press and hold button(s) until a short beep confirms the start sequence has begun; release buttons. Continuing beeps confirm the ignition is in process.



Remote control handset

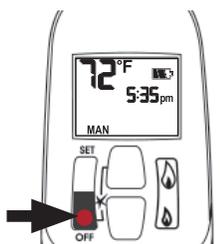


Wall Switch (optional)

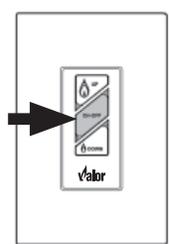
When the pilot is lit, the gas flows—see *Using the Remote Control* section for more information.

## How to Turn Your Fireplace OFF (including pilot)

Press and hold the OFF button for a second (either on the handset or the wall switch).



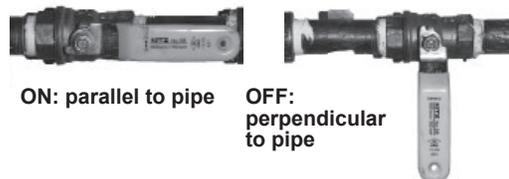
Remote control handset



Wall Switch (optional)

If the flames are on, they go down and you hear the valve motor wind down. You hear a clunk and a beep indicating that the valve has received the signal from the remote control.

In the unlikely event that you cannot turn off your fireplace with the remote control handset, use the wall switch; if the wall switch malfunctions and will not turn off the stove, wait 6 hours and the stove will automatically go to pilot. You can then access the controls inside your stove. Alternately, turn off gas supply. In all cases, call your dealer for service assistance.



ON: parallel to pipe

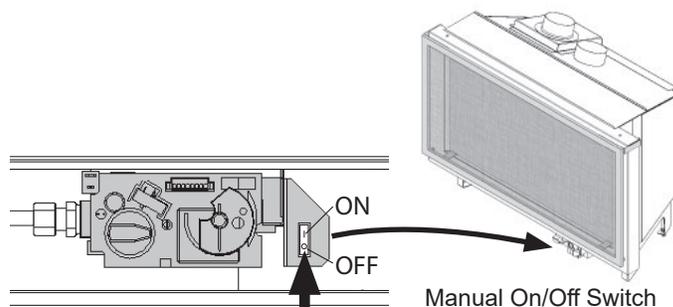
OFF: perpendicular to pipe

## How to Ensure Your Fireplace Cannot Be Turned ON Inadvertently

### ⚠ WARNING

**RISKS OF SEVERE BURNS! SURFACES OF THE FIREPLACE ARE VERY HOT DURING OPERATION!** Be very careful and wear gloves to access controls.

- You can prevent your stove from lighting by pressing the **O** button on the manual ON/OFF switch on the gas valve.



Manual On/Off Switch

- Alternately, remove all batteries from the battery holder as well as the battery from the handset.

## Automatic Shut-Off (in certain conditions)

Your stove's remote control is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 11 in the *Remote Control Operation* section for a description of this feature.

## Remote Control Operation

### Radio Frequency

315 MHz for USA and Canada.

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

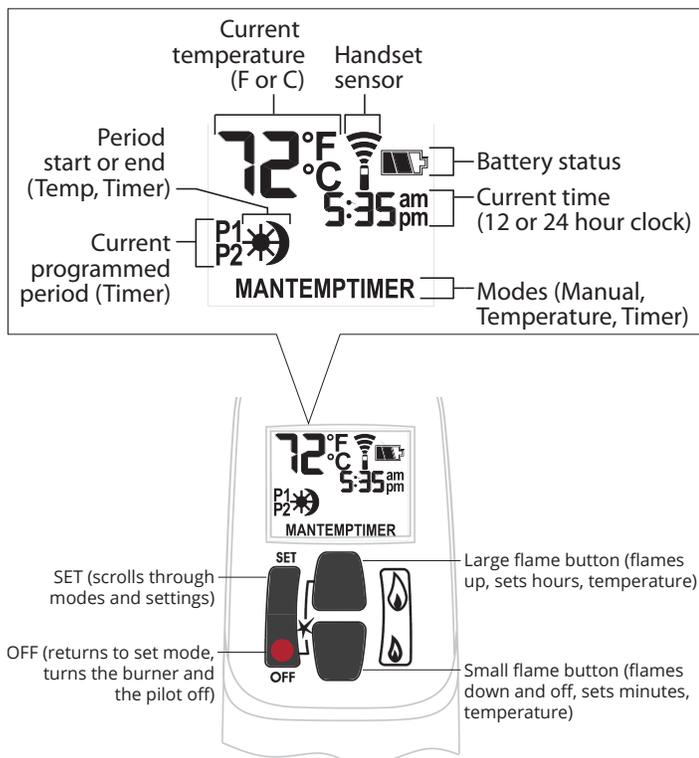
**NOTE: Before using the remote control system for the first time,** the receiver and the handset must be synchronized. See the section *Synchronize Remote Control on page 1.*

**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.

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.**



### Turn Fireplace ON

Press ● + 🔥 buttons until you hear a short beep; release buttons.

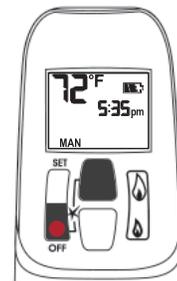
Beeping continues until pilot is lit.

Burner lights to maximum flame height and handset goes automatically to manual (MAN) mode.

NOTES:

On the valve, MAN button must be at ON, in full counter-clockwise position .

ON/OFF switch (if equipped) must be in I (ON) position.



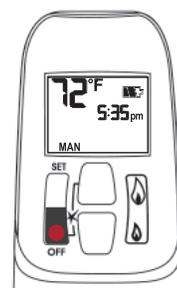
### Turn Fireplace OFF

Press ● button.

When pilot is just turned off, wait 2 minutes to light it again.

### Standby Mode (Pilot Flame)

Press and hold 🔥 to set fireplace to pilot.



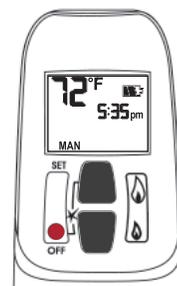
### Adjust Flames Height

With pilot lit, press and hold buttons:

🔥 = increase flame height

🔥 = decrease flame height or set to pilot

For fine adjustment, tap buttons.



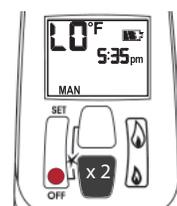
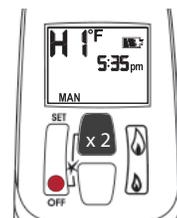
### Express Low and High Fire

Double-click buttons:

🔥 = increase flame to maximum height "HI"

🔥 = decrease flame minimum height "LO"

NOTE: Flame goes to high fire first before going to designated low fire.

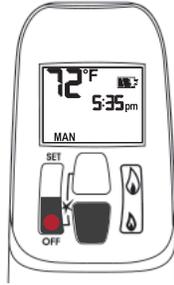


# Remote Control Operation

## Setting °C/24-hr or °F/12-hr clock

In MAN mode, press and hold ● + 🔥 buttons until temperature / clock display changes from

°F / 12-hour ↔ °C / 24-hour



## Setting Time

The time display will flash after either:

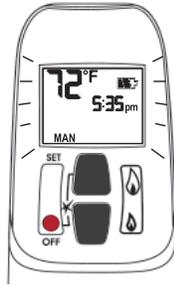
- installing the battery, or
- pressing 🔥 + 🔥

To set the time, press buttons:

🔥 = hour

🔥 = minutes

Press ● or wait to go back to MAN.

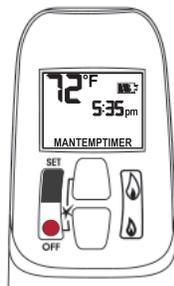


## Modes of Operation

Briefly pressing SET cycles through modes of operation.



NOTE: Press 🔥 or 🔥 to reach MAN mode.



### MAN Manual Mode

Manual flame height adjustment.



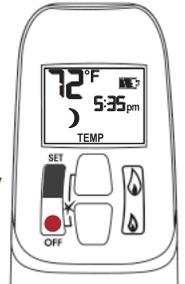
### ⚙️ TEMP Daytime Temperature Mode

When pilot is lit, room temperature is measured and compared to set temperature. Flame height automatically adjusts to reach Daytime Set Temperature.



### 🌙 TEMP Night time Setback Temperature Mode

When pilot is lit, room temperature is measured and compared to set temperature. Flame height automatically adjusts to reach Night Time Setback Temperature.



### ⌚ TIMER Timer Mode

When pilot is lit, two periods of time (P1 and P2) can be programmed to use Daytime and Night time temperatures at specific times.

Note: Display shows set temperature every 30 seconds.



 Set the different parameters when they are flashing.

## Remote Control Operation

### Setting high / low Temperatures

#### Setting "DAYTIME" high temperature.

Default Settings:  TEMP 23 °C/74 °F

Press SET to scroll to  TEMP

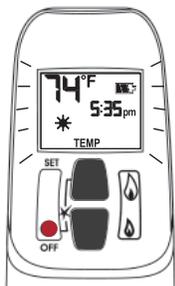
Hold SET button until TEMP flashes.

To set  Daytime Temperature:

 = increases temperature.

 = decreases temperature.

Press  or wait to complete setting.



#### Setting "NIGHT TIME SETBACK" low temperature.

Default Settings:  TEMP "--" (OFF)

Press SET to scroll to  TEMP

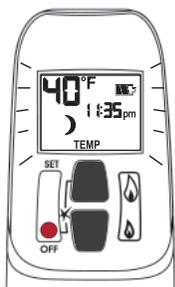
Hold SET button until TEMP flashes.

To set  Night Time Temperature:

 = increases temperature.

 = decreases temperature.

Press  or wait to complete setting.



### Setting Program Timers

You can program two periods of time between 12 am and 11:50 pm in each 24-hour cycle.

Programs P1 and P2 must be set in the following order during a 24-hour cycle: **P1** , **P1** , **P2**  and **P2** .

 = Day Time temperature (high) program period

 = Night Time temperature (low) program period

#### Default Settings:

Program 1: **P1**  06:00 am **P1**  08:00 am

Program 2: **P2**  11:50 pm **P2**  11:50 pm

Press SET to scroll to **TIMER**.



If **P1**  = **P1**  or **P2**  = **P2** , programming is cancelled.

To keep fireplace ON all night, set **P2**  at 11:50 am and **P1**  at 12:00 am.

If you want to program only one period, program **P1**  and **P1**  with desired times then **P2**  and **P2**  with the same time as **P1** .

#### Setting P1 time—high temperature.

Hold SET button until **P1**  is displayed and time flashes.

To set time:

 = hour

 = minutes

Press  or wait to complete setting.



#### Setting P1 time—low temperature.

Hold SET button until **P1**  is displayed and time flashes.

To set time:

 = hour

 = minutes

Press  or wait to complete setting.

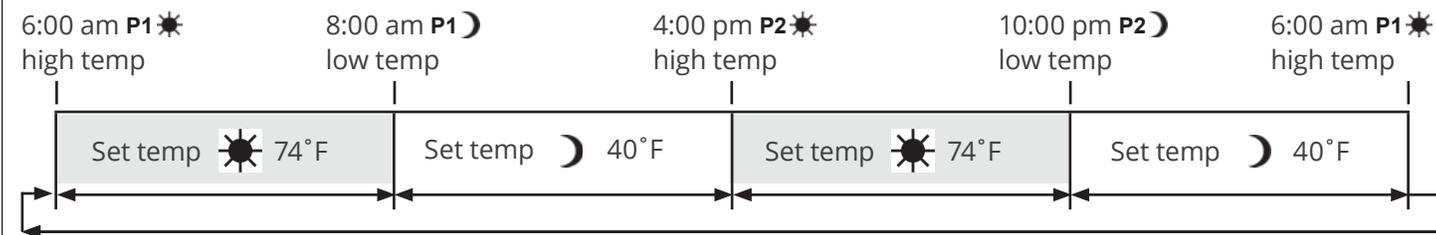
## Remote Control Operation

### Setting P2 high and low temperature times.

Repeat same steps as Setting P1.

When all settings are complete, press ● to save them.

### Timer Programming Example (default temperatures shown)



### Automatic Turn Down

#### 8-Hour no Motor Movement

The valve will turn to pilot flame if there is no motor movement for an 8-hour period.

### Automatic Shut-Off

**Low Batteries Receiver.** With low battery power in the battery holder the system shuts off the fire completely. This does not apply when the power supply is interrupted.

**On-Demand Pilot (7 Day Shut-Off).** This green feature eliminates gas energy consumption during extended appliance inactivity. When the appliance is inactive for an extended period of time the system automatically extinguishes the pilot. This feature helps the consumer realize cost benefits by automatically eliminating energy consumption during non-heating months and limited use.

The programmed length of inactivity to activate the system is specified by the appliance manufacturer and cannot be altered in the field.

### Low Battery Indication

#### ⚠ Caution

DO NOT USE a screwdriver or other metallic object to remove batteries from holder. This could cause a short-circuit.

**Handset:** The battery icon  will show when the battery needs to be replaced. Replace with one 9 V **alkaline** battery.

**Battery holder:** Frequent 'beeps' for 3 seconds when the valve motor turns indicate the batteries need to be replaced in battery holder. Replace with four 1.5 V **alkaline** batteries.

### 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.

## Kits & Accessories

### Required Accessories

Information accurate at the time of printing and subject to change without notice.

|   |   |
|---|---|
| 4006519   | Barrier Screen                                    |
| <b>Vent Plate (choose one)</b>  |   |
| RA24CA  | Co-axial Vent Plate for 5" x 3" co-axial venting  |
| RA24CL  | Co-linear Vent Plate for 2 - 3" co-linear venting |
| <b>Fuel Beds (choose one)</b>   |   |
| MF28DWK   | Driftwood Set Kit                                 |
| MF28LSK   | Traditional Log Set                               |
| <b>Venting</b>  |   |
| See approved venting components chart in this manual for co-axial and co-linear venting components.<br>Note: When using the RA24CA Co-Axial Vent Plate, use the 590FVK2— 5" x 3" Co-axial Flex Vent and Terminal Adapter/Flashing |   |

### Optional Accessories

Information accurate at the time of printing and subject to change without notice.

|                                   |  |
|-----------------------------------|--|
| <b>Decorative Cast Iron Frets</b> |  |
| RA24FK                            | Fret Kit, required for all frets   |
| RA24CV                            | Contemporary, Vintage Iron Finish  |
| RA24TB                            | Traditional, Black Finish  |
| 1225VFB                           | Ventana Fret, Black  |
| <b>Conversion Kits</b>            |  |
| RA24JDNK                          | Conversion to natural gas  |
| RA24JDPK                          | Conversion to propane gas  |
| <b>Other Accessories</b>          |  |
| 555CFK                            | Circulating Fan Kit with 6'-0" c/w grounded cord set.  |
| 1265WSK                           | Wall Switch Kit  |
| RBWSK                             | Remote Battery and Wall Switch Kit   |
| GV60CKO                           | Outdoor Fireplace Conversion Kit   |
| <b>Hearth Gate</b>                | Hearth gates such as Cardinal's VersaGates are available at retail stores carrying safety products for children. |

### **WARNING**

**Optional electrical accessories ARE NOT ALLOWED when adapting appliance for outdoor use.**

**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**

Dependent on model, switch #1 may be mounted directly to valve see Fig 2A.

Fig 1

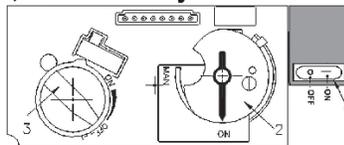
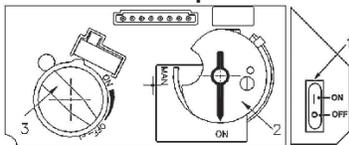


Fig 1A

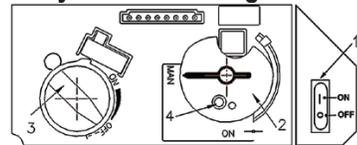


Fig 2

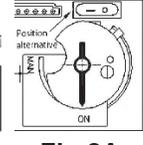


Fig 2A

1. **STOP!** Read the safety information above.
  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.
    - ON/OFF switch (1) in ON position, MAN-knob (2) in ON position; set Flame Adjustment knob (3) to lowest setting (0).
    - 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 pilot (fig. 3) inside firebox;
    - ON/OFF switch (1) in ON position, MAN-knob (2) in MAN position;
    - Set Flame Adjustment knob (3) to the lowest setting (0);
    - 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" (0) and call your local service technician or gas supplier.
- Reinstall the window and set the MAN-knob (2) to "ON"; turn Flame Adjustment knob (3) up (0) or down manually or use the up/down 'flame' buttons on the remote control handset to adjust the flame height.

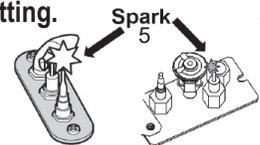


Fig 3

**TO TURN OFF GAS TO APPLIANCE**

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

1.
  - Press and hold the small flame on the remote control handset to shut-off the main burner gas flow;
  - Press "OFF" button (red dot) on remote handset to shut-off the appliance, including pilot flame.

### Servicing Your Fireplace

We recommend having your fireplace serviced every year. Contact your supplier quoting the model number. It will be helpful if the appliance's serial number can also be quoted. These numbers are on the information card. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts.

#### Annual Inspection

In order to maintain the safe operation of your fireplace, contact your dealer to have a qualified technician go over the list below and make the necessary verifications at least once every year.

### Safe Operation List

To be performed by a qualified technician only

1. Inspect and operate the pressure relief mechanism to verify relief mechanisms are free from obstruction to operate. See *Cleaning Your Fireplace: To refit the window* section of this manual.
2. Clean glass window with a suitable fireplace glass cleaner. Abrasive cleaners must not be used. Be careful not to scratch the glass when cleaning. See *Cleaning Your Fireplace* section of this manual.
3. Inspect the operation of the flame safety system Pilot or Flame rectification device.
4. Inspect and ensure the lighting of the main burner occurs within 4 seconds of the main gas valve opening. Visual inspection should match that outlined in the appliance instruction manual. Inspect primary air openings for blockage. See *Checking Pilot and Burner Flame* section of this manual.
5. Inspect condition of vent and vent terminal for sooting or obstruction and correct if present.
6. Vacuum and clean any debris in the firebox that is not supposed to be there.
7. Test and measure the flame failure response time of the flame safety system. It must de-energize the safety shutoff in no more than 30 seconds.
8. Check all accessible gas-carrying tubes, connections, pipes and other components for leaks. See *Set up Gas Supply* section of this manual.

## Servicing &amp; Maintenance

## Cleaning Your Fireplace

**⚠ 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 with location and time. It is believed to be associated with the varying sulfur content of the gas. You may have the problem intermittently.

We have consulted with ceramic glass manufacturers and they cannot offer a definitive solution to this problem. Dealers have tried various cleaning products with varying results. The following are recommendations only and are not meant to guarantee results.

**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 etch into the glass. It is then much harder, if not impossible, to remove.
- **NEVER use an abrasive cleaner or ammonia-based 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 and the barrier screen before lighting.

**If broken, the glass pane may only be replaced as a complete window unit as supplied by the manufacturer.**

**If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.**

Clean the window panes following the guidelines in this section.

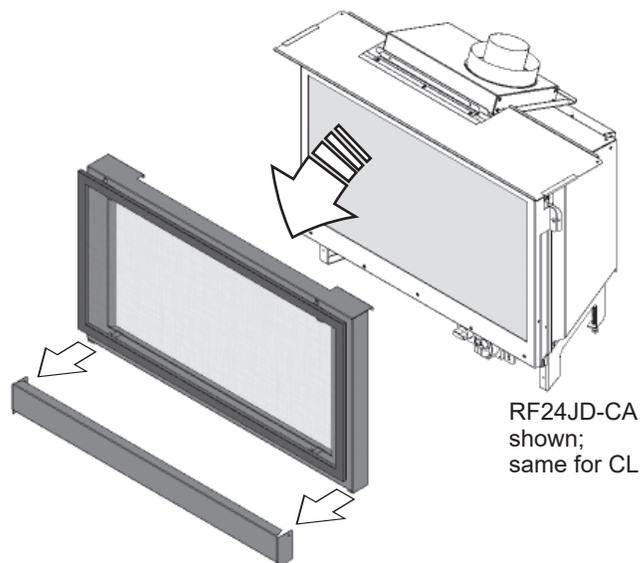
Clean the steel trim with mild soap and warm water. Any alcohol/solvent base cleaner will weaken the coating and damage it.

Clean the barrier screen dusting it with a soft brush.

Clean the firebox ceramic logs/rocks and walls dusting them with a soft brush. Dust can also be removed from the burner using a soft brush after removing the fuel bed. **When cleaning, make sure that no particles are brushed into the slots of the burner.**

**To remove the window for cleaning:**

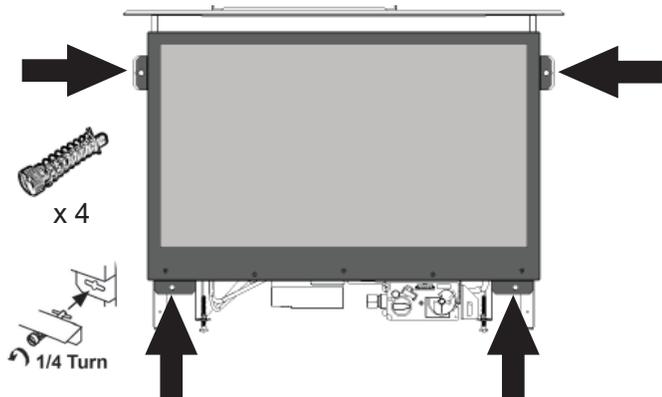
1. **Bottom cover:** If using a bottom cover, pull it out to unhook it.  
**Fret:** If using a fret, unhook it and unhook its brackets.
2. **Screen and Window cover:** The screen is hooked to the window cover which in turn is hooked to the fireplace at the top and attached with magnets at the bottom. Grabbing both the screen and window cover, pull the bottom to detach the magnets and unhook the top.



RF24JD-CA shown; same for CL

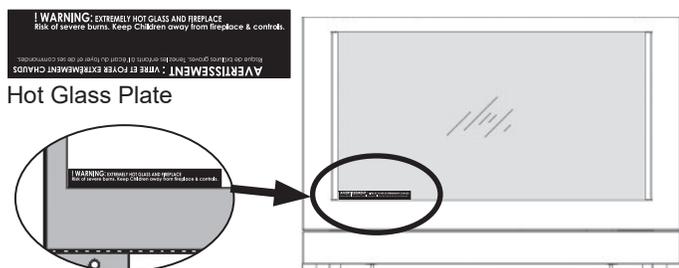
## Servicing & Maintenance

3. **Glass window:** Rotate the four fastening studs at the bottom corners and sides 90 degrees to release them. Unhook the glass window.



### To refit the window:

1. Hook the glass window to the firebox then fasten the four studs pushing and turning them 90 degrees, **Verify that each stud is properly hooked by feeling with your fingers and ensuring the pin of the bolt is hooked to the fireplace's flange.**
2. Then, pull out the window by the sides and release it to ensure the springs return it.
3. Apply firm hand pressure around the window frame to ensure the window is sealed tight against the firebox.
4. **If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.**



5. Reinstall the barrier screen and window frame.

### **! WARNING**

**FOR SAFETY PURPOSE, ensure the barrier screen is re-installed on the fireplace window after maintenance.**

6. Hook the window frame with screen attached to the top of the firebox. Push the bottom against the firebox to attach the magnets.

7. Reinstall the bottom cover sliding its top flange into slots located at the bottom corners of the window frame or hook the fret to its brackets.

### **! DANGER**

**The window unit must be correctly installed, fastened and sealed after servicing or serious bodily injury and/or damage to the appliance may result.**

To ensure a safe operation:

- Double-check that the top of the window frame is correctly hooked to the top of the firebox;
- Verify that the four (4) bolts are hooked properly to the window tabs then;
- Pull out the sides of the window and release them to insure the springs return it;
- Ensure the window is sealed before operation.

### **! WARNING**

**Failure to install the window correctly can:**

- Leak carbon monoxide.
- Affect the performance of the fireplace.
- Damage components.
- Cause overheating resulting in dangerous conditions.

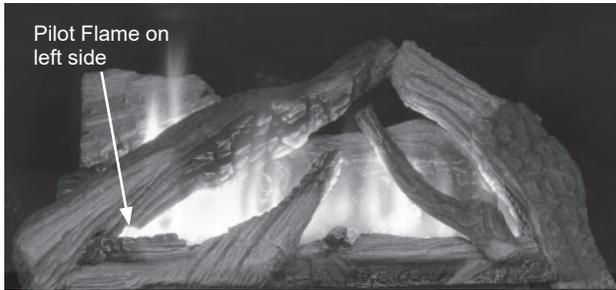
**Damage caused by incorrect window installation is not covered by the Valor warranty.**

## Servicing & Maintenance

### Checking Pilot and Burner Flames

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.

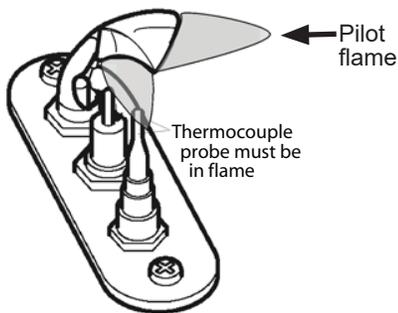
#### Correct flame appearance



MF28LSK—Traditional Logs



MF28DWK—Driftwood



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 dirt, snow, insects, leaves, shrubs, trees do not obstruct it.

Examine the whole vent system regularly. We recommend annually.

**Replacing Batteries**

**⚠ WARNING**

**DO NOT ATTEMPT TO CHANGE THE BATTERIES WHILE THE FIREPLACE IS STILL HOT!** Let the fireplace cool first before touching it.

**CAUTION**

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

**Low battery signal: see page 11.**

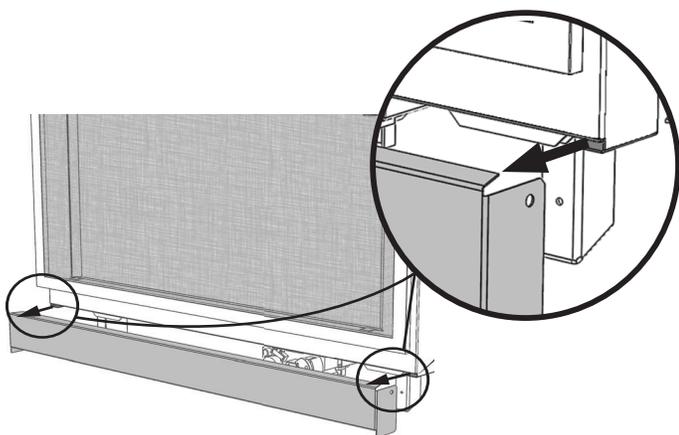
**BEFORE** changing the batteries, **disconnect the battery holder from the receiver.**

The appliance uses four 1.5 V AA **alkaline** batteries for its battery holder 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.

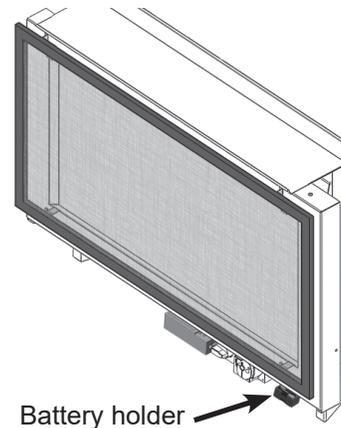
**To replace the batteries in the battery holder:**

The battery holder is located underneath the firebox behind the bottom cover or fret.

1. Slide the bottom cover straight out from the slots located at the bottom corners of the window frame or unhook the fret.



2. The battery holder is located to the right of the valve (position may vary depending on installed options). Grab the battery holder and pull it out from its location.



3. Disconnect the battery holder.



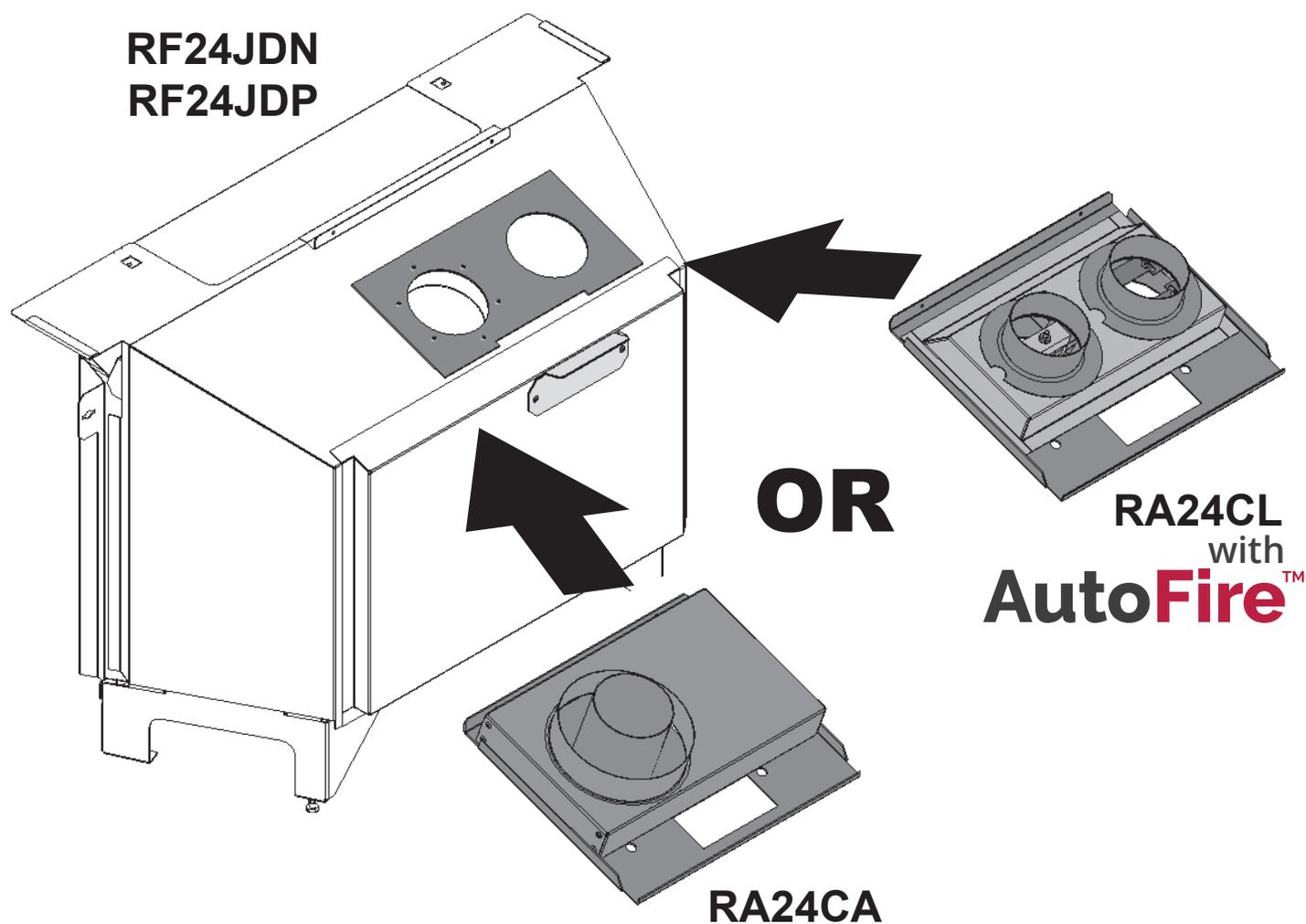
4. Replace the batteries with 4 AA **alkaline** batteries.
5. Reconnect the battery holder.
6. Put the battery holder back in its position.
7. Reinstall the front cover/fret.

**Using Handset Wall Holder**

Your fireplace equipment includes a wall holder to store the handset. If it hasn't been installed, refer to the instructions further on in this manual for the installation.



This appliance is shipped without a vent plate.  
A vent plate is required for every installation.  
Either RA24CL—Co-linear vent plate (3" x 3")  
or RA24CA—Co-axial vent plate (5" x 3").



# Specifications

## Approval & Codes

This appliance is certified to ANSI Z21.88 / CSA 2.33 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 P.4.1-15 *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/NFPA 54* or the *Natural Gas and Propane Installation Code CAN/CGA-B149.1*. Only qualified licensed or trained personnel should install this appliance.

This appliance, when installed, 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                             | JDN-CA<br>JDN-CL | JDP-CA<br>JDP-CL |
|-----------------------------------|------------------|------------------|
| Gas                               | Natural          | Propane          |
| Altitude (Ft.)*                   | 0-4,500 feet*    |                  |
| Input Maximum (Btu/h)             | 20,000           | 18,000           |
| Input Minimum (Btu/h)             | 6,500            | 12,500           |
| Manifold Pressure (in w.c.)       | 3.2              | 9.5              |
| Minimum Supply Pressure (in w.c.) | 5.0              | 11.0             |
| Maximum Supply Pressure (in w.c.) | 10.0             | 14.0             |
| Main Burner Injector Marking      | 82-580           | 92-200           |
| Pilot Injector Marking            | 35               | 27               |

### \*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 RF24JDN is used with natural gas.

Heater RF24JDP is used with propane gas.

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

The supply inlet connection is a 3/8" NPT female connector. For detailed location of this connector, see drawing in section *Dimensions*.

## Conversion Kits

The RF24JD 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 RF24JD 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.

## Floor/Hearth

This appliance is approved for installation into existing solid-fuel burning fireplaces only. Combustible material such as plywood and so on may be used for leveling and shimming beneath the unit. This appliance does not require a hearth other than to support the weight of certain fronts.

## Non-Combustible Materials Specifications

Material which will not ignite and burn. Such materials are those consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or any combination thereof.

Materials that are reported as passing ASTM E 136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 °C shall be considered non-combustible materials.

## Combustible Materials Specifications

Materials made of or surfaced with wood, compressed paper, plant fibers, plastics, or other material that can ignite and burn, whether flame proofed or not, or plastered or unplastered shall be considered combustible materials.

## Outdoor Conversion Kit

The RF24JD models are supplied standard for indoor applications and may be adapted for installation in specific "outdoor" applications protected from weather as defined in the GV60CKO outdoor conversion kit manual.

**This appliance is designed and approved as a supplemental heater and provides the potential for most energy conservation when used while attended. The use of an alternate primary heat source is advisable.**

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.

This appliance may be installed in outdoor, weather-protected environments as defined in the GV60CKO Outdoor Conversion Kit instruction manual.

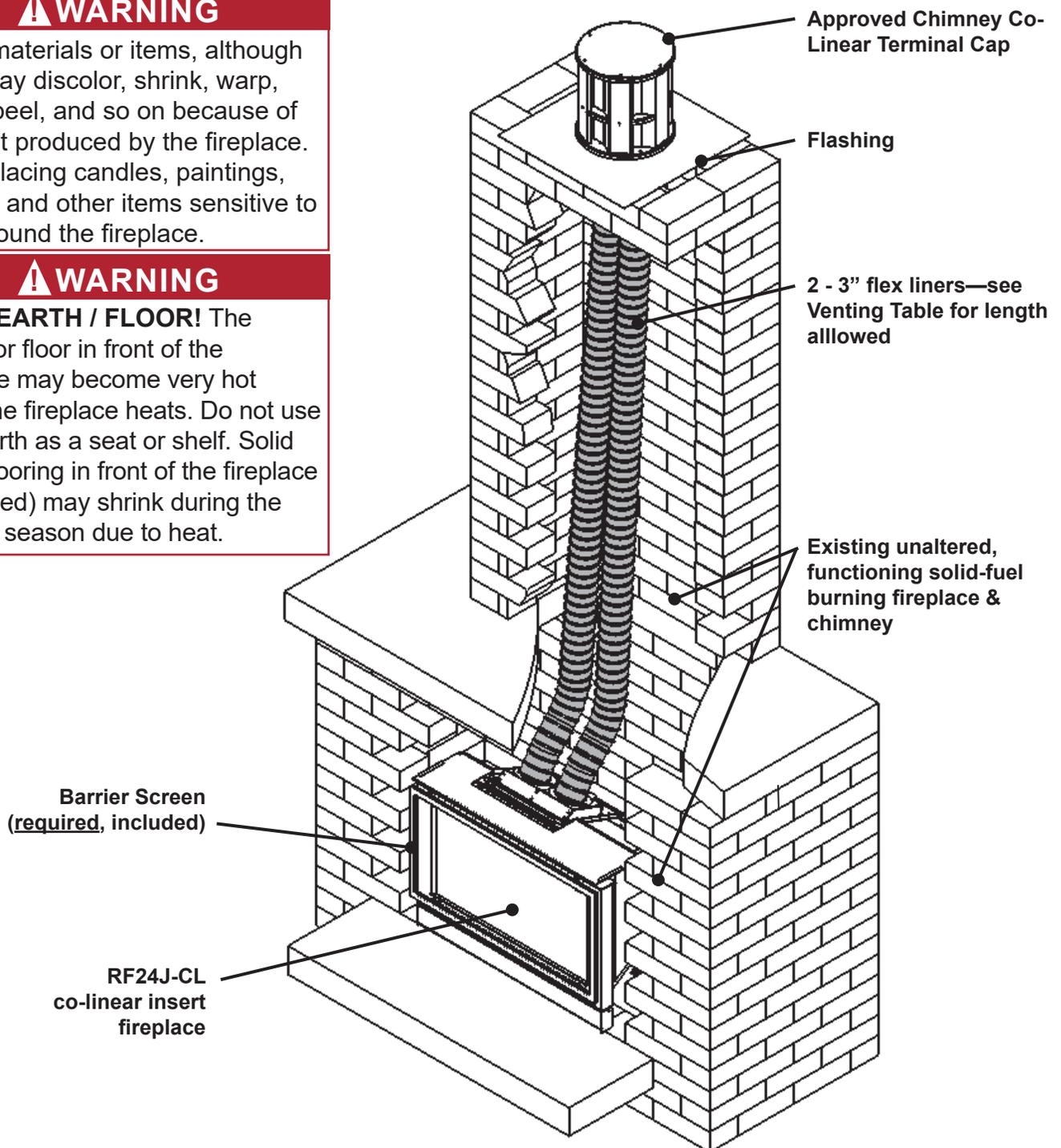
**DO NOT** install into combustible construction. This appliance is **NOT AVAILABLE** with a zero clearance kit. For installation into combustible construction, use RF24 B-Vent version with optional RA24ZC kit.

**⚠ WARNING**

Some materials or items, although safe, may discolor, shrink, 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.

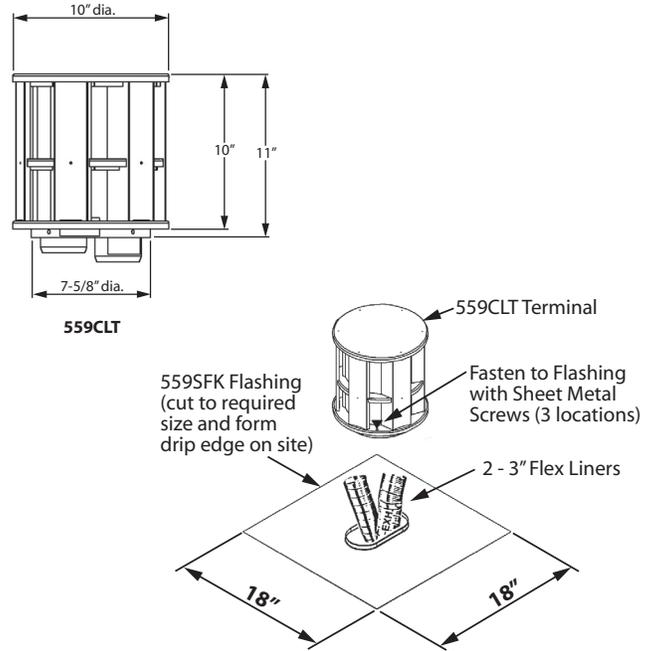
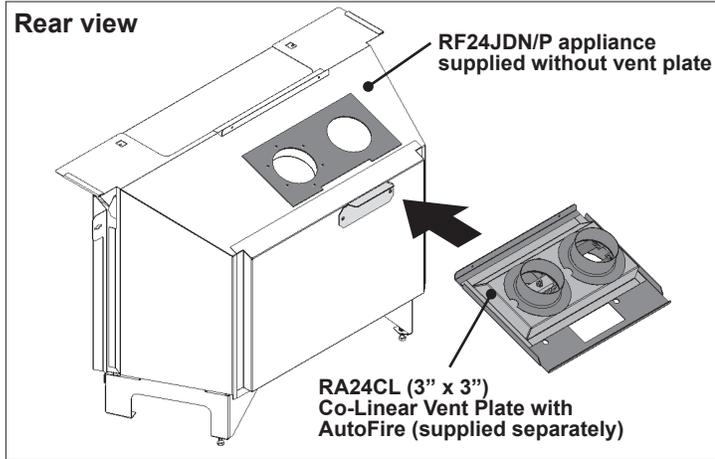
**⚠ WARNING**

**HOT HEARTH / FLOOR!** The hearth or floor in front of the fireplace may become very hot when the fireplace heats. Do not use the hearth as a seat or shelf. Solid wood flooring in front of the fireplace (if allowed) may shrink during the heating season due to heat.



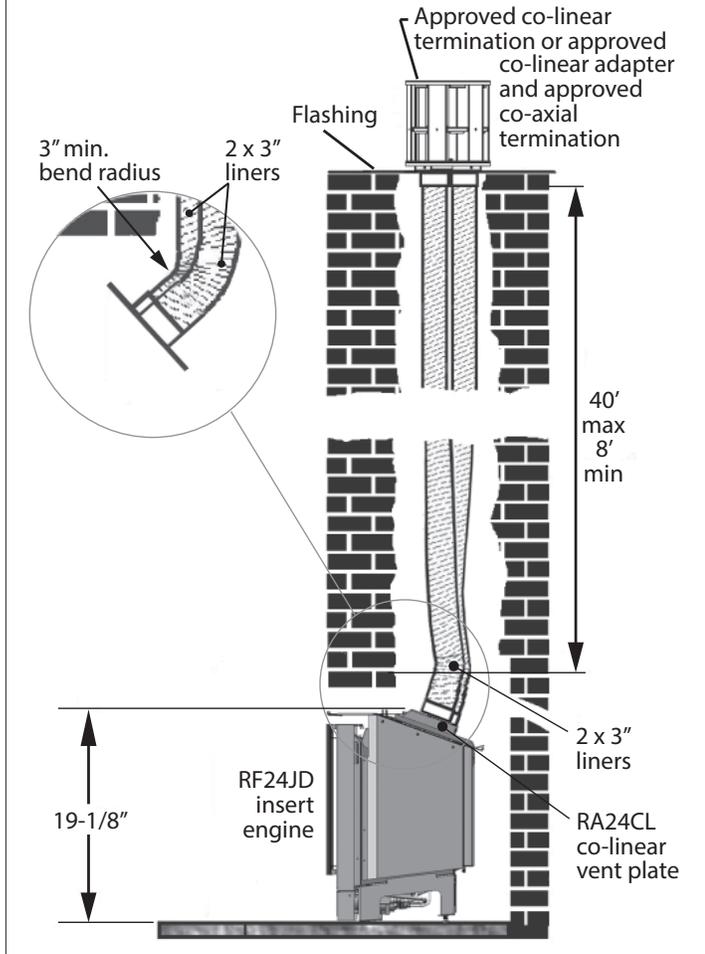
# Overview—Co-linear Option

## Co-Linear Vent Plate



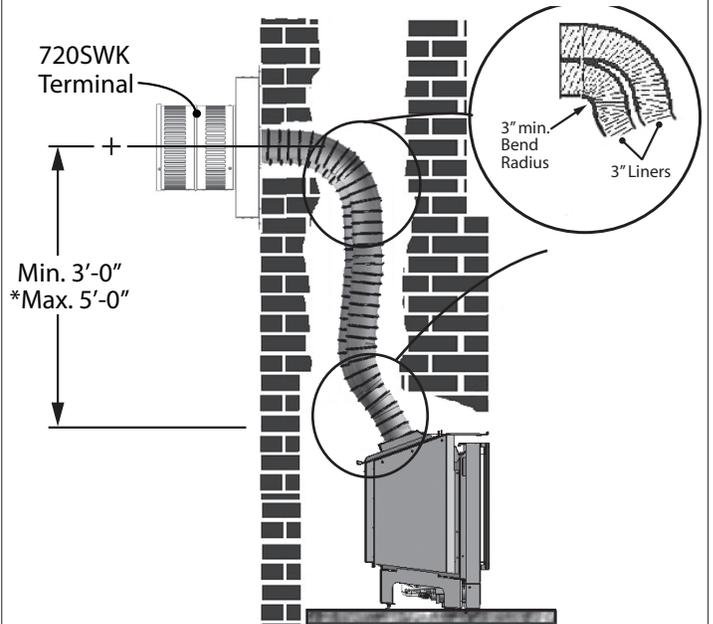
## RF24JD with RA24CL—Co-Linear Vent Plate

Co-linear installation into existing F/P



## RF24JDN/JDP with 720SWK—Sidewall Kit

Sidewall co-linear installation into existing F/P using 720SWK—(see installation instructions supplied with 720SWK)



\*Between 3' and 5' fully open restrictors. Beyond 5'-0", the sidewall terminal may be used but leave restrictors opened at mid-point as supplied.

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.

This appliance may be installed in outdoor, weather-protected environments as defined in the GV60CKO Outdoor Conversion Kit instruction manual.

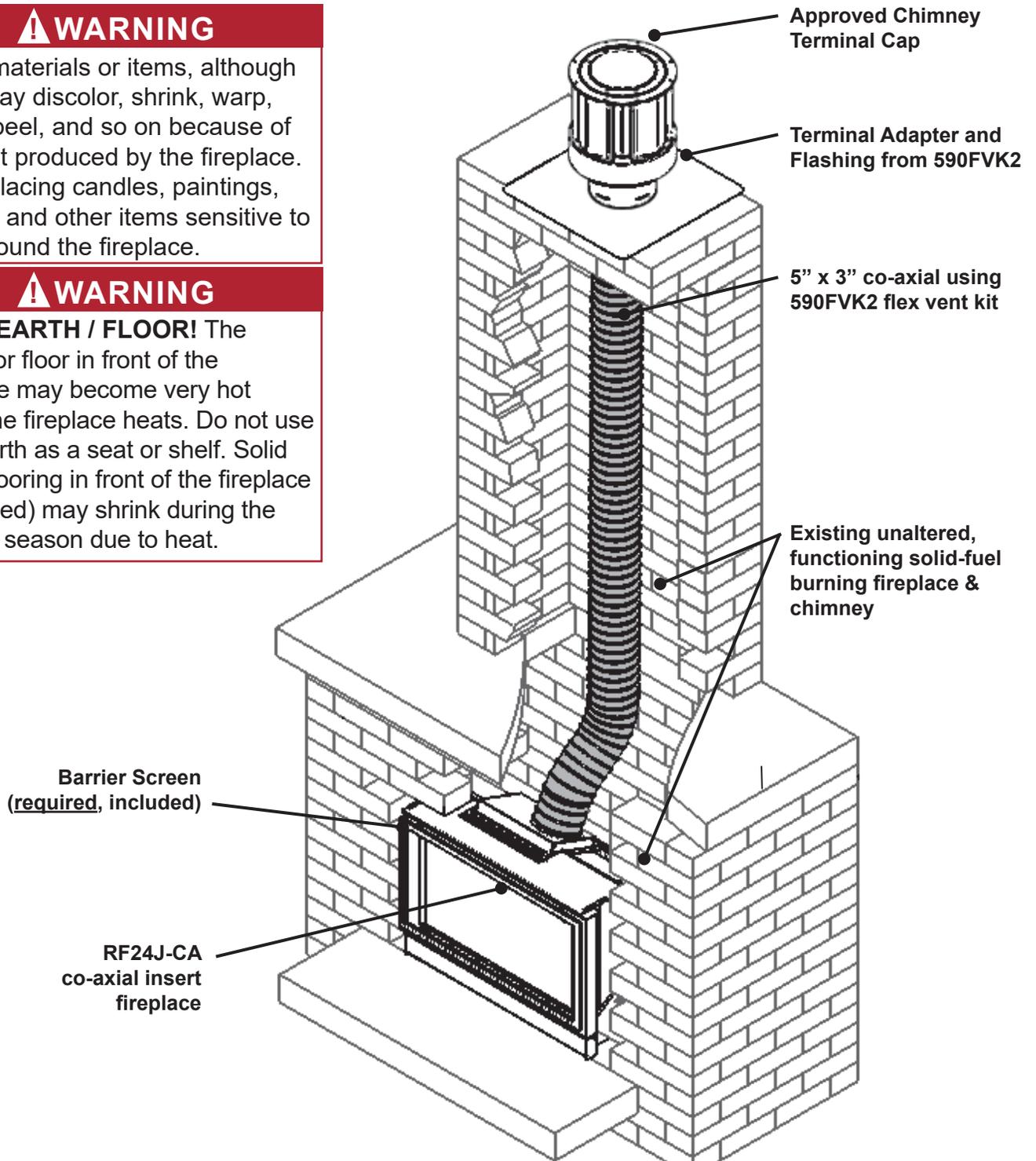
**DO NOT** install into combustible construction. This appliance is **NOT AVAILABLE** with a zero clearance kit. For installation into combustible construction, use RF24 B-Vent version with optional RA24ZC kit.

**⚠ WARNING**

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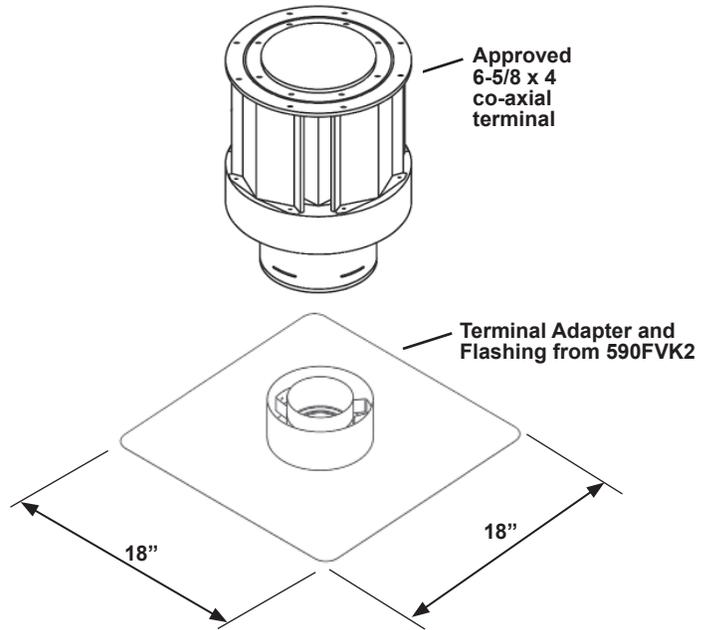
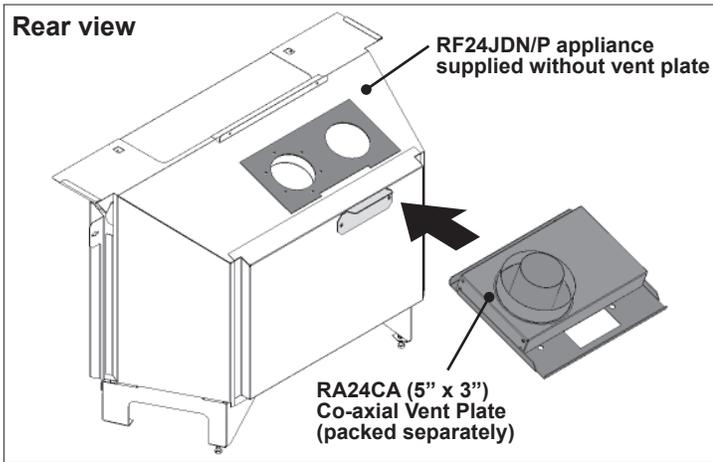
**⚠ WARNING**

**HOT HEARTH / FLOOR!** The hearth or floor in front of the fireplace may become very hot when the fireplace heats. Do not use the hearth as a seat or shelf. Solid wood flooring in front of the fireplace (if allowed) may shrink during the heating season due to heat.



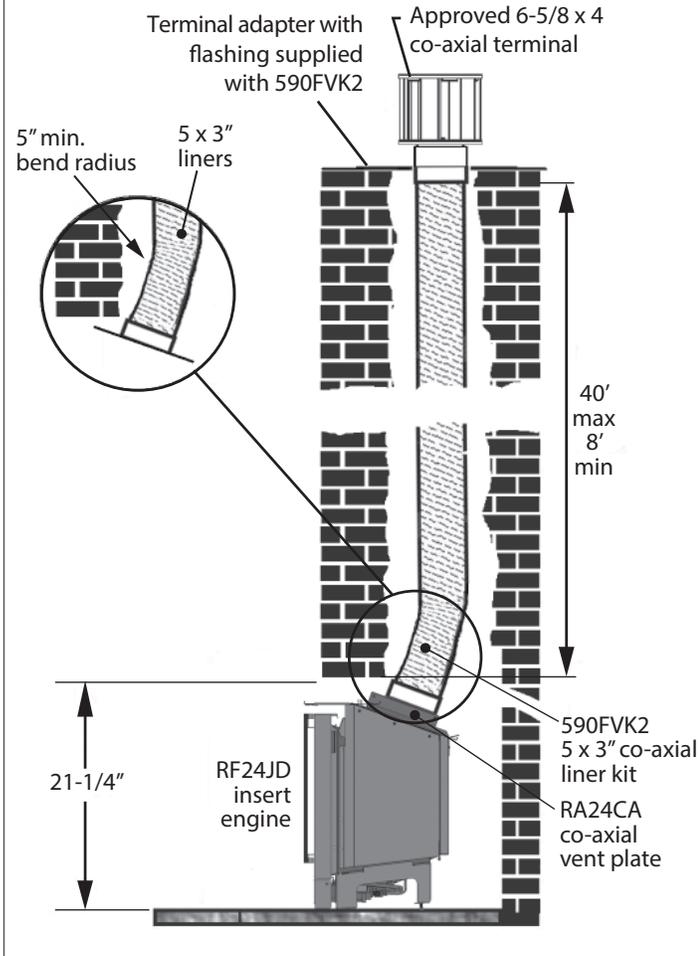
# Overview—Co-axial Option

## Co-axial Vent Plate

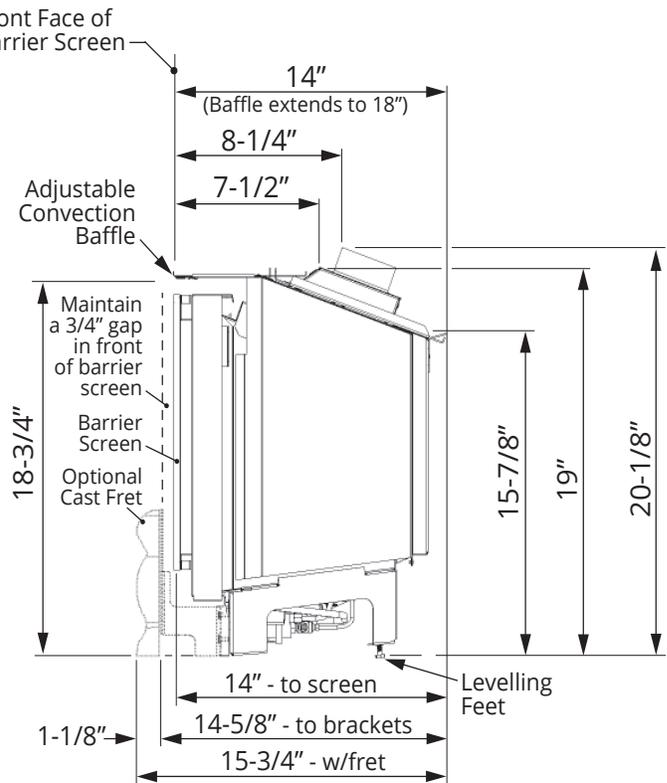
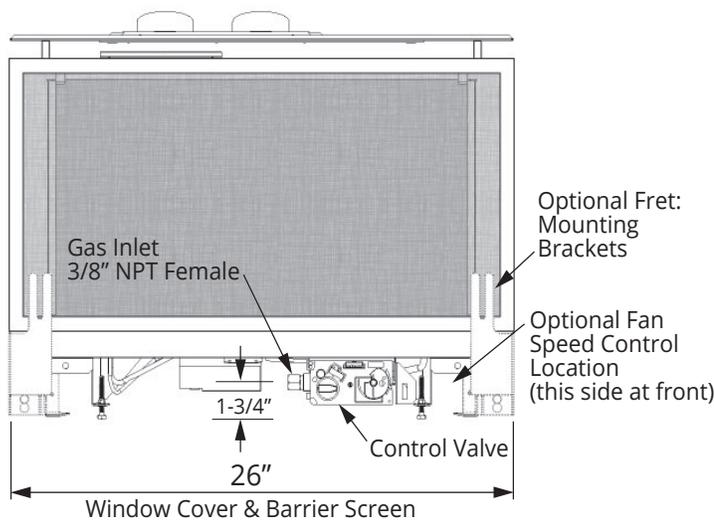
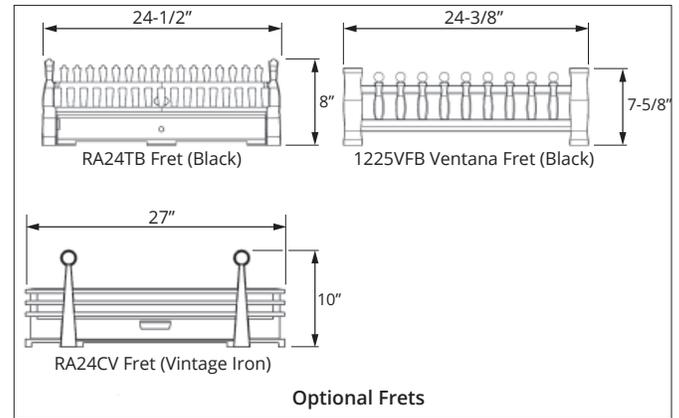
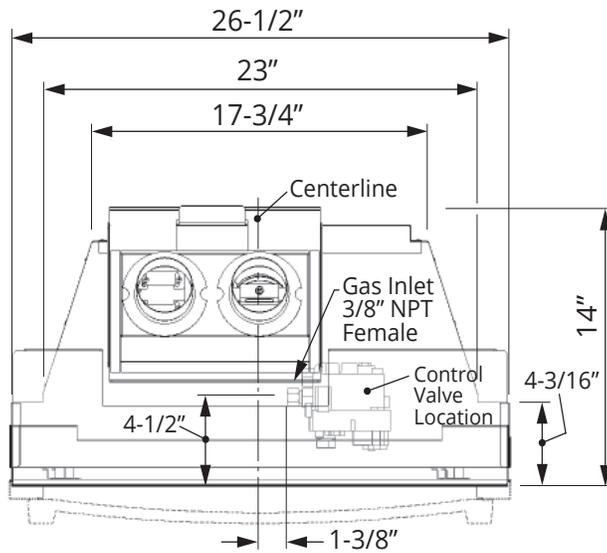


## RF24JD with RA24CA—Co-axial Vent Plate

Co-linear installation into existing F/P



## Dimensions—Co-linear Option

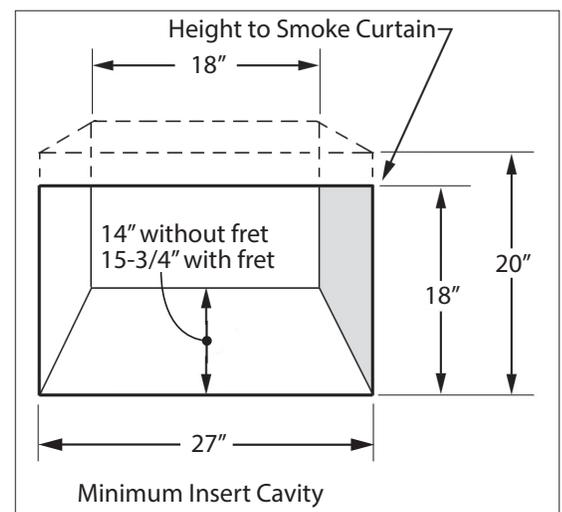


### Minimum Cavity Dimensions

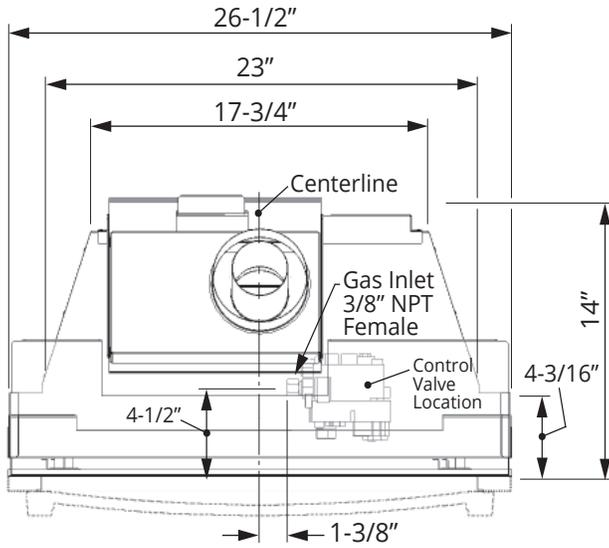
The diagram shows minimum dimensions required to install the RF24. Cavities having a combination of all the minimum dimensions shown possible, may prove to be difficult installations.

**Important:** A free space of 3/4 inch (19 mm) is required in front of the barrier screen to allow the window to move and relieve during a hard start. The use of the optional fret sets this space with the fret bracket installed.

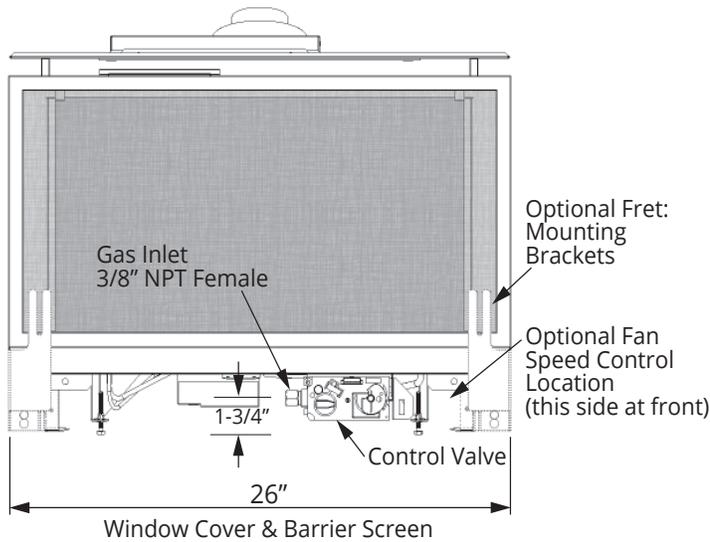
However, when the fret is not used and the bottom cover is used instead, this space immediately in front of the barrier screen must be added to the minimum depth as a safety precaution. ***It is very important to ensure that the area immediately in front of the barrier screen is kept clear at all times even when not using a fret.***



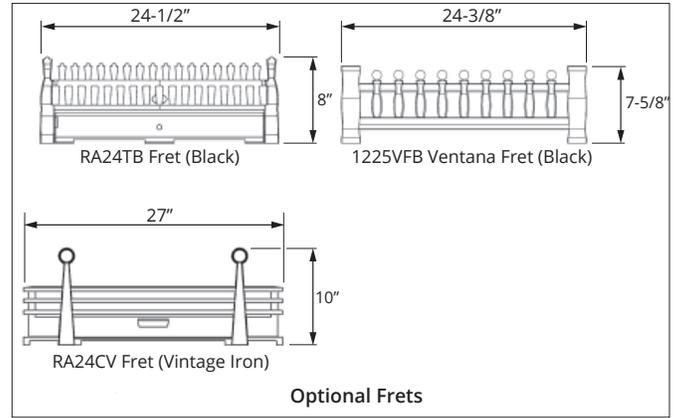
## Dimensions—Co-axial Option



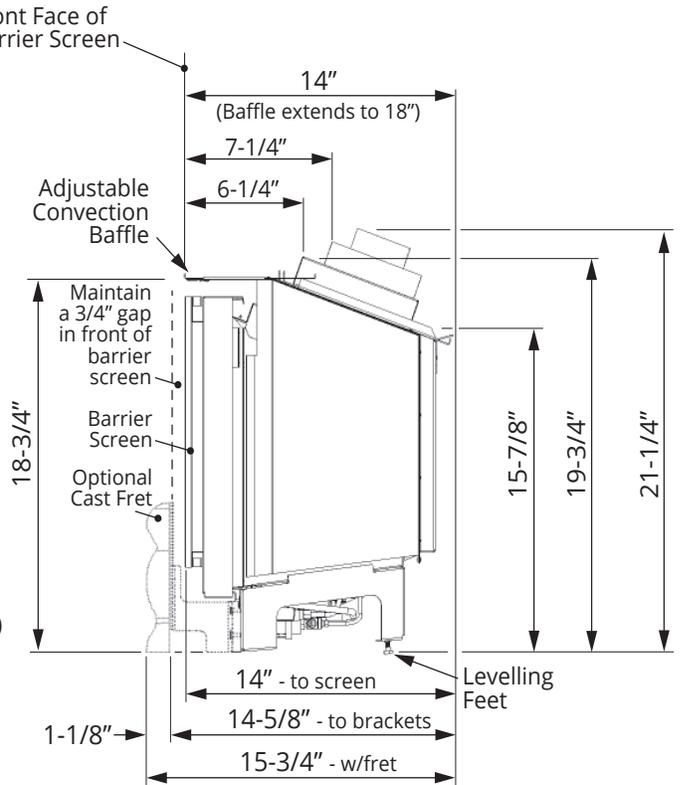
**Top View**



**Front View**



**Optional Frets**



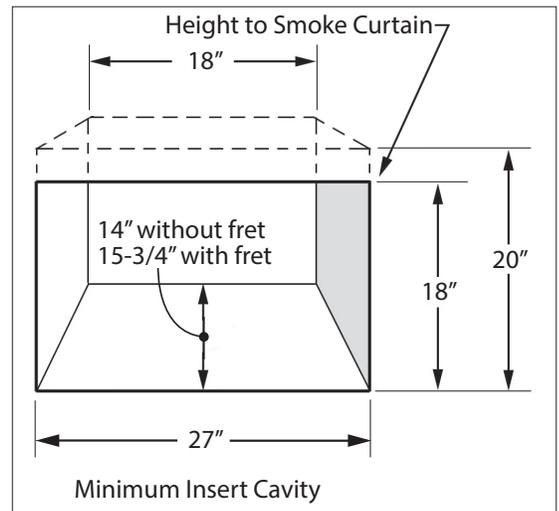
**Side View**

### Minimum Cavity Dimensions

The diagram shows minimum dimensions required to install the RF24. Cavities having a combination of all the minimum dimensions shown possible, may prove to be difficult installations.

**Important:** A free space of 3/4 inch (19 mm) is required in front of the barrier screen to allow the window to move and relieve during a hard start. The use of the optional fret sets this space with the fret bracket installed.

However, when the fret is not used and the bottom cover is used instead, this space immediately in front of the barrier screen must be added to the minimum depth as a safety precaution. **It is very important to ensure that the area immediately in front of the barrier screen is kept clear at all times even when not using a fret.**



## Typical Vent Installation

See the *Approved Venting Components* list on page 50 of this manual.

## 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 | 8 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 splicing flex pipes.

**Co-linear installations ONLY:** If splices are required, use a approved connector and seal joints with *RTV high temp sealant*.

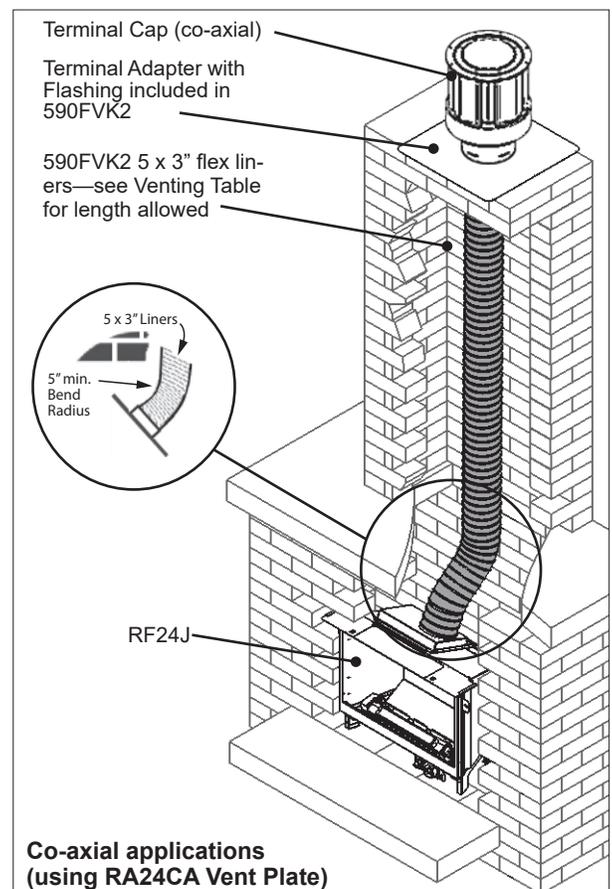
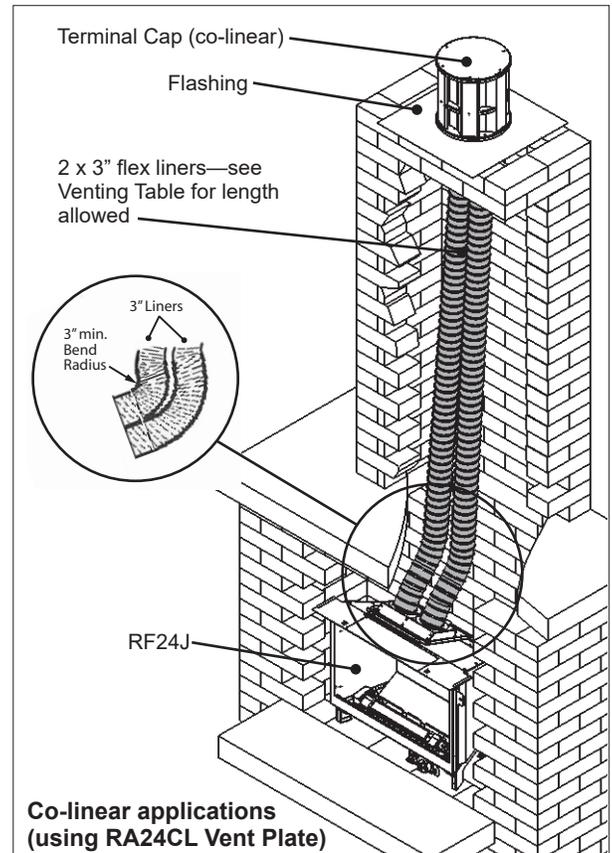
Four feet horizontal is permissible to allow for routing around masonry projections. Do not bend flex pipe over a 45 degrees radius.

1. Co-linear venting may be converted to solid 4" x 6-5/8" co-axial venting at the top of the existing solid-fuel burning chimney as necessary where the existing chimney has deteriorated and been removed. The conversion must be done using approved components (see page 50) and proper vent clearances to combustibles must be maintained.
2. Flex liners may only be installed into solid-fuel burning fireplaces and chimney systems (no combustible construction).
3. The appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.

## Note

This appliance may also be vented using the following optional methods (see installation instructions packaged with optional kits):

- 720SWK—Co-linear sidewall kit

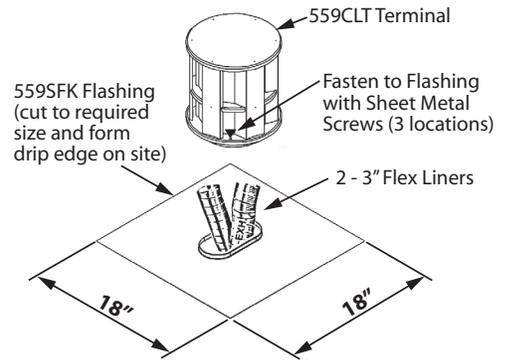
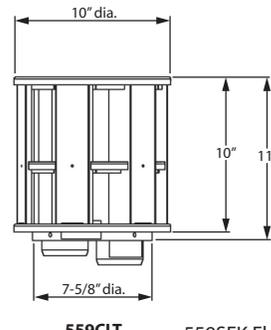


## Vent Termination—Co-linear Option

### Co-Linear—3" x 3" flex

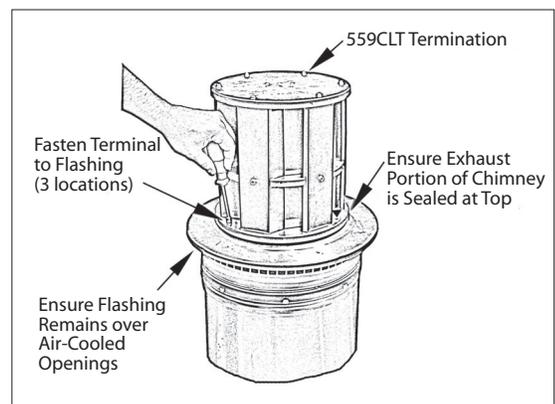
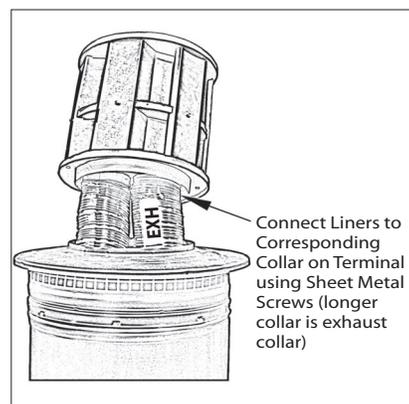
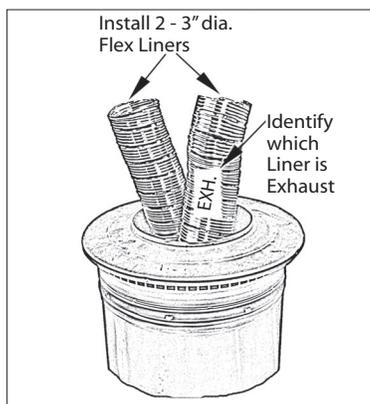
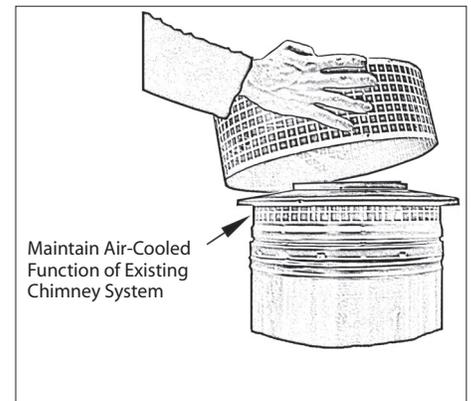
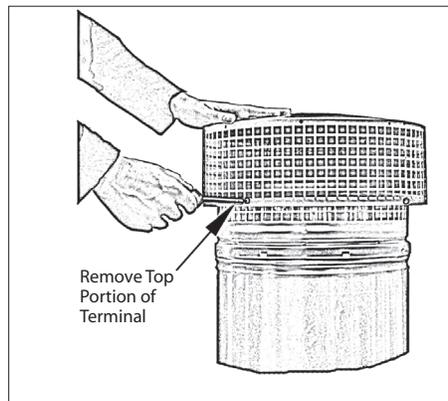
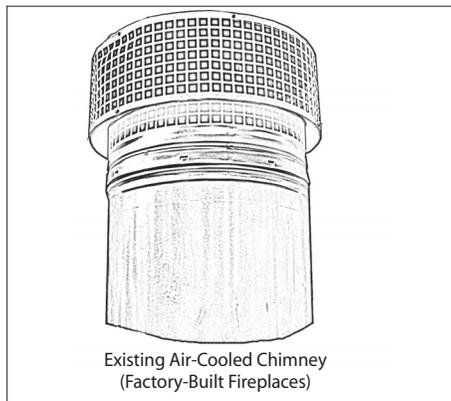
#### Existing Square Chimneys

**559CLT** Co-Linear Terminal and **559SFK** Square Flashing Kit are recommended—see list of approved venting accessories on page 50 for alternate venting components. Cut flashing kit to size. Allow extra around perimeter for drip edge to be formed on site. Seal flashing to top of chimney using sealant (not supplied). Fasten terminal to flashing using sheet metal screws as shown.



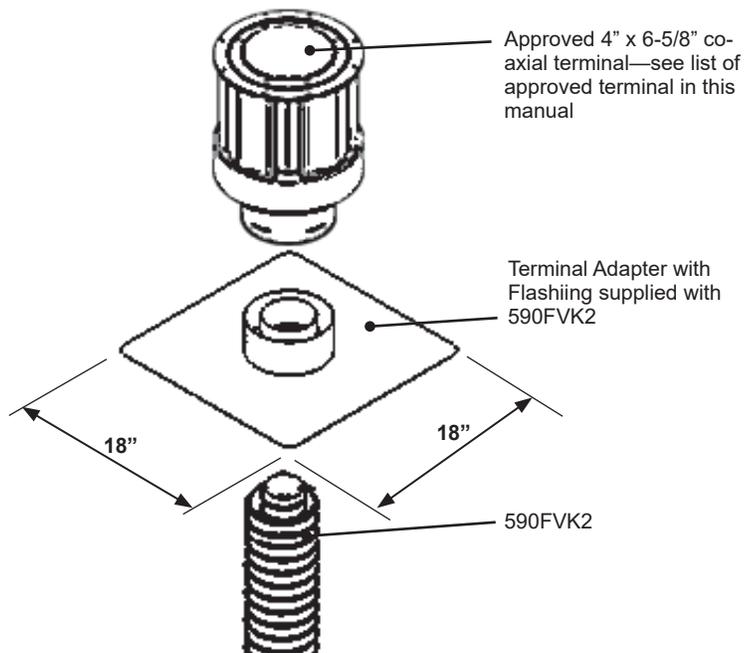
#### Existing Round Factory-Built Chimneys

The 559CLT terminal is designed to fit existing 7" or 8" diameter factory-built round chimneys without requiring additional flashing. Ensure the installation of the terminal seals off the top of the chimney space to avoid convective air loss. The diagrams below show a typical terminal installation for an 8" diameter air-cooled chimney system.



## Vent Termination—Co-axial Option

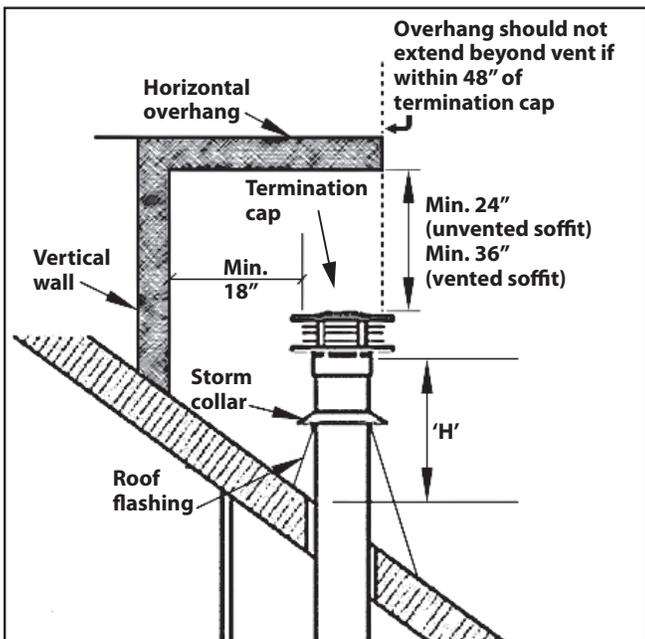
### Co-Axial—5" x 3" flex



### Vent Terminal Location

The venting system for this appliance is considered to be a **Special Venting System**. The rule in the Installation Code CAN/CGA–B149 requiring a minimum vent height of 2 feet above any portion of a building within 10 feet does not, therefore, apply.

### Clearances for Vent Terminals (Co-Linear and Co-Axial)



| Roof Pitch          | Minimum 'H' (feet) |
|---------------------|--------------------|
| Flat to 7/12        | 1'                 |
| over 7/12 to 8/12   | 1.5'               |
| over 8/12 to 9/12   | 2'                 |
| over 9/12 to 10/12  | 2.5'               |
| over 10/12 to 11/12 | 3.25'              |
| over 11/12 to 12/12 | 4'                 |
| over 12/12 to 14/12 | 5'                 |

## Existing Fireplace Preparation

A few points must be considered before inserting the RF24 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 RF24 engine. **Cutting away any sheet metal parts of the existing fireplace to accommodate the installation of the RF24 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 RF24 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 RF24 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 RF24 engine will fit behind any raised curb (some curbs may be removed separately from the refractory base). The fret retainers allow for some vertical adjustment of the cast iron fret should the fret need to sit on top of the curb, otherwise the fret will need to be eliminated or adequate room provided behind the curb.

### Gas Line Routing

Plan the routing of the gas line before proceeding. Utilize the existing hole for the gas line. If the factory-built 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 General Dimension drawing 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 RF24 insert. Existing wire fire screens may remain in place or new ones may be added. The RF24 has been tested and approved to operate with wire fire screens in the closed or open positions.

### Combustible Mantels

Combustible mantel clearances must conform to those required for the original solid-fuel fireplace into which the RF24 is being installed.

### Paint Existing Refractory Liners

It may be desirable, for visual reasons, to paint the existing refractory liners in black to blend in with the RF24 insert once installed.

### Attach Warning Label to Existing Fireplace (label supplied loose with RF24 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.

## Unpack Appliance

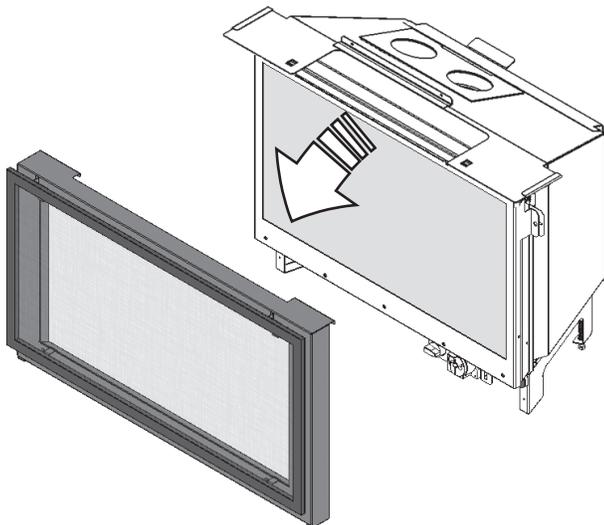
### Beware of sharp edges! Wear gloves!

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. Verify that you have all the components required for the installation, *including*:
  - VENT PLATE;
  - fuel bed;
  - fret brackets and fret (if used);
  - venting components and accessories;
  - blower and electrical components for blower installation if used.

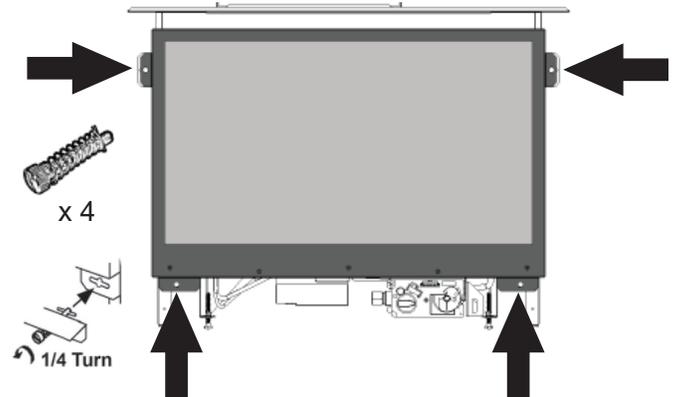
## Prepare Appliance

The size of the existing fireplace cavity will affect the method of installation. Smaller fireplaces, particularly factory-built zero-clearance fireplaces will require the RF24 firebox to be disassembled then reassembled inside the fireplace. Plan your particular installation accordingly.

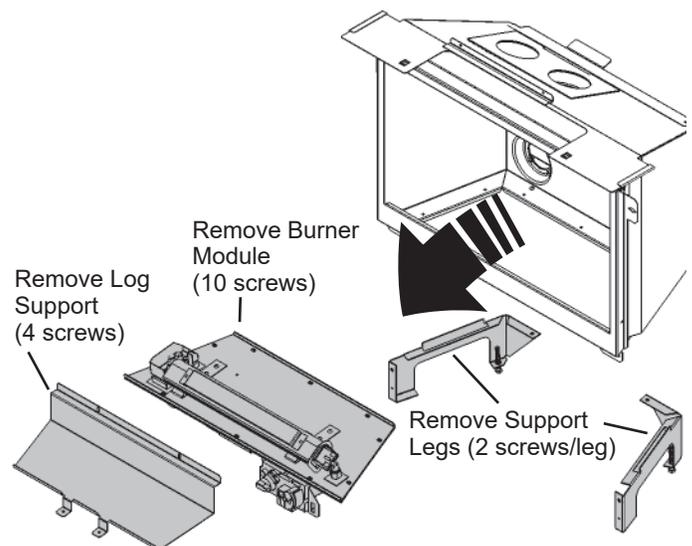
1. Unhook barrier screen and window cover. The screen is hooked to the window cover which in turn is hooked to the fireplace at the top and attached with magnets at the bottom. Grabbing both the screen and window cover, pull the bottom to detach the magnets and unhook the top.



2. Remove window. Rotate the four fastening studs at the bottom corners and sides 90 degrees to release them. Unhook window.



3. Remove items from packed inside firebox.
4. Strip firebox down by removing:
  - a. Log Support (4 screws);
  - b. Burner Module (10 screws);
  - c. Support Legs (2 screws per leg) (required when inserting into small fireplaces only).



### Install Vent Plate to Appliance

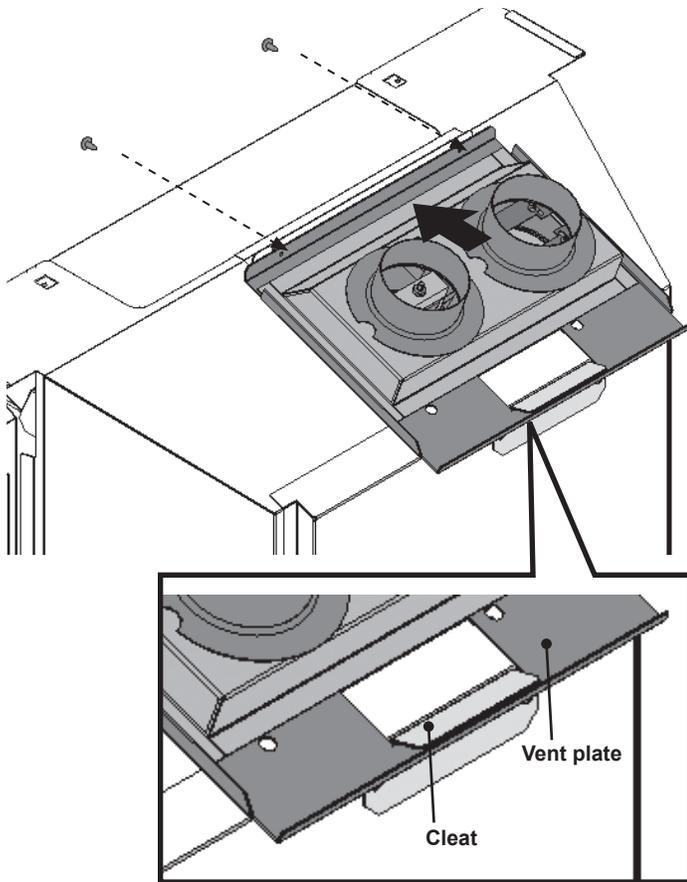
Install either the co-axial vent plate (RA24CA) or the co-linear (RA24CL).

Note: If the cavity where the appliance is to be installed is small you may want to secure the plate to the liners first then slide the plate with liners attached onto the appliance in the cavity—see next pages for more information.

In all case, **ensure the plate is hooked to the cleat at the back of the appliance!**

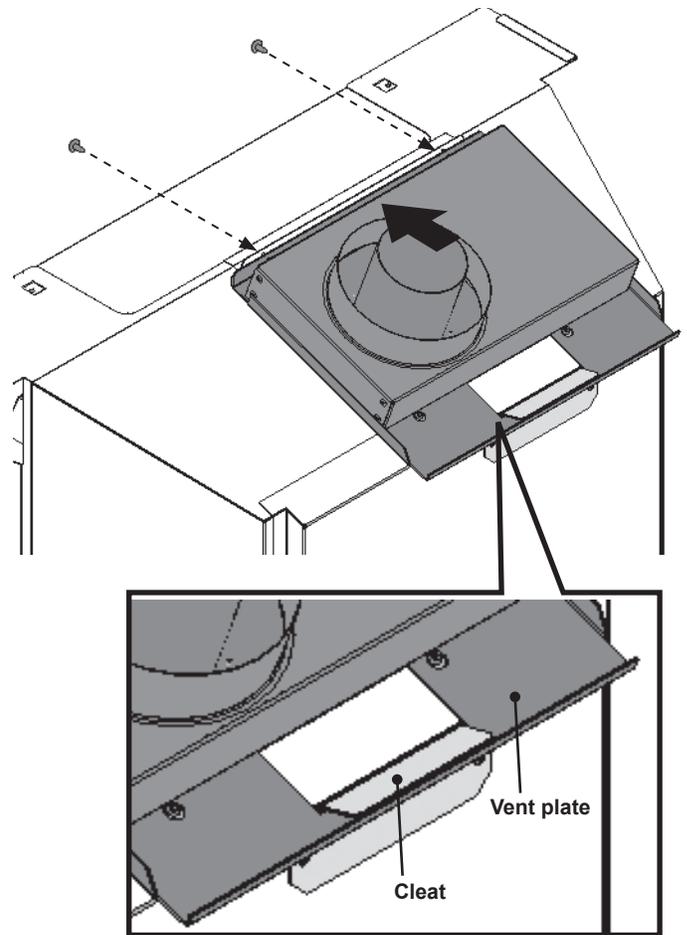
### Install Co-Linear Vent Plate to Appliance

Slide the plate over the appliance's rear cleat then secure to front flange with two screws.



### Install Co-Axial Vent Plate to Appliance

Slide the plate over the appliance's rear cleat then secure to front flange with two screws.

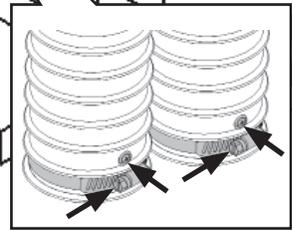
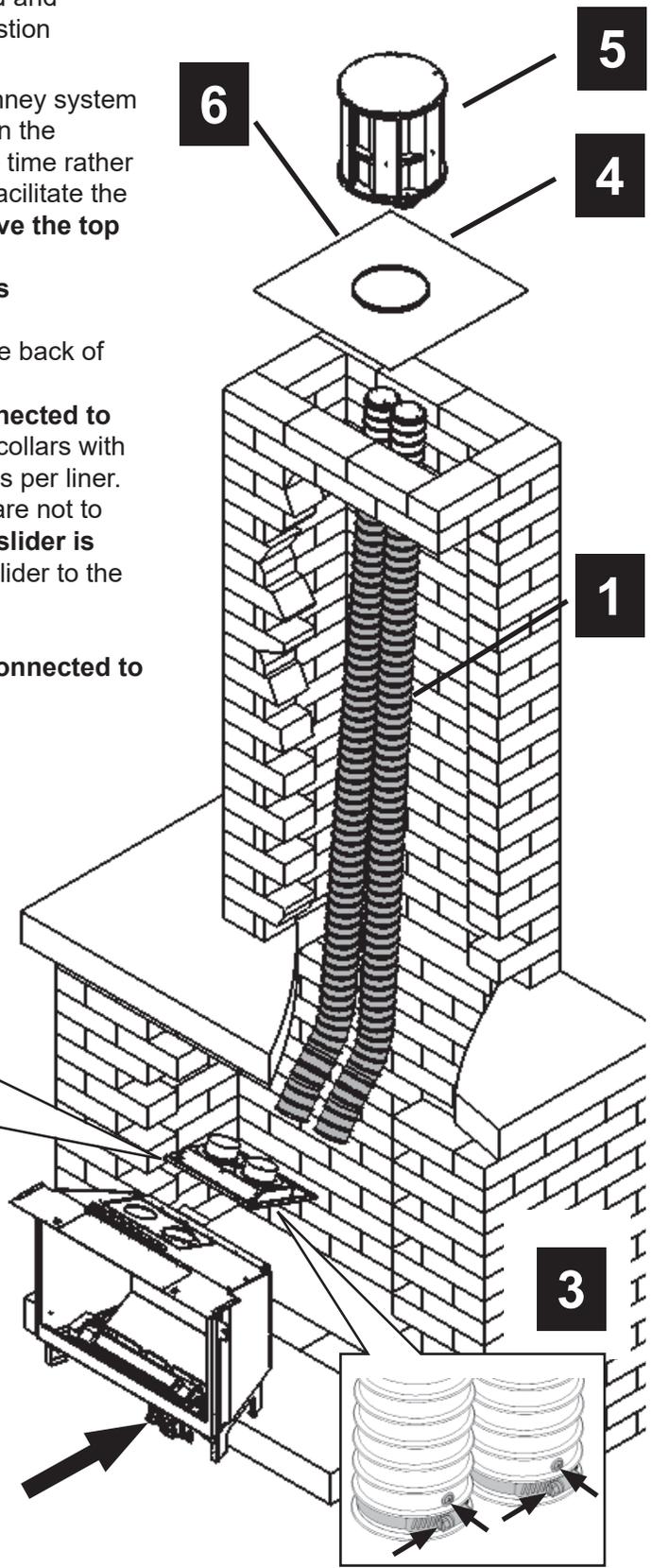
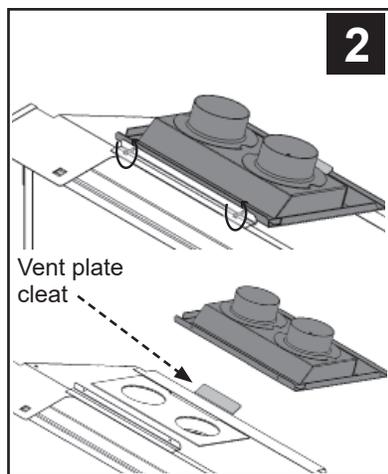


**IMPORTANT: When installing vent plate, ensure rear edge of plate is hooked to cleat!**

## Connect Venting—Co-linear Applications Using RA24CL Co-linear Vent Plate with 2 - 3" liners

**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 liner 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. Remove the slider from the firebox by sliding it towards the back of the firebox.
3. Fit the two liners ensuring that the **exhaust liner is connected to the identified "EXHAUST" vent collar**. Secure liners to collars with hose clamps (included with collar kit) and 2 tapping screws per liner. 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 8 screws provided.
6. Seal the terminal and flashing from water penetration as required.

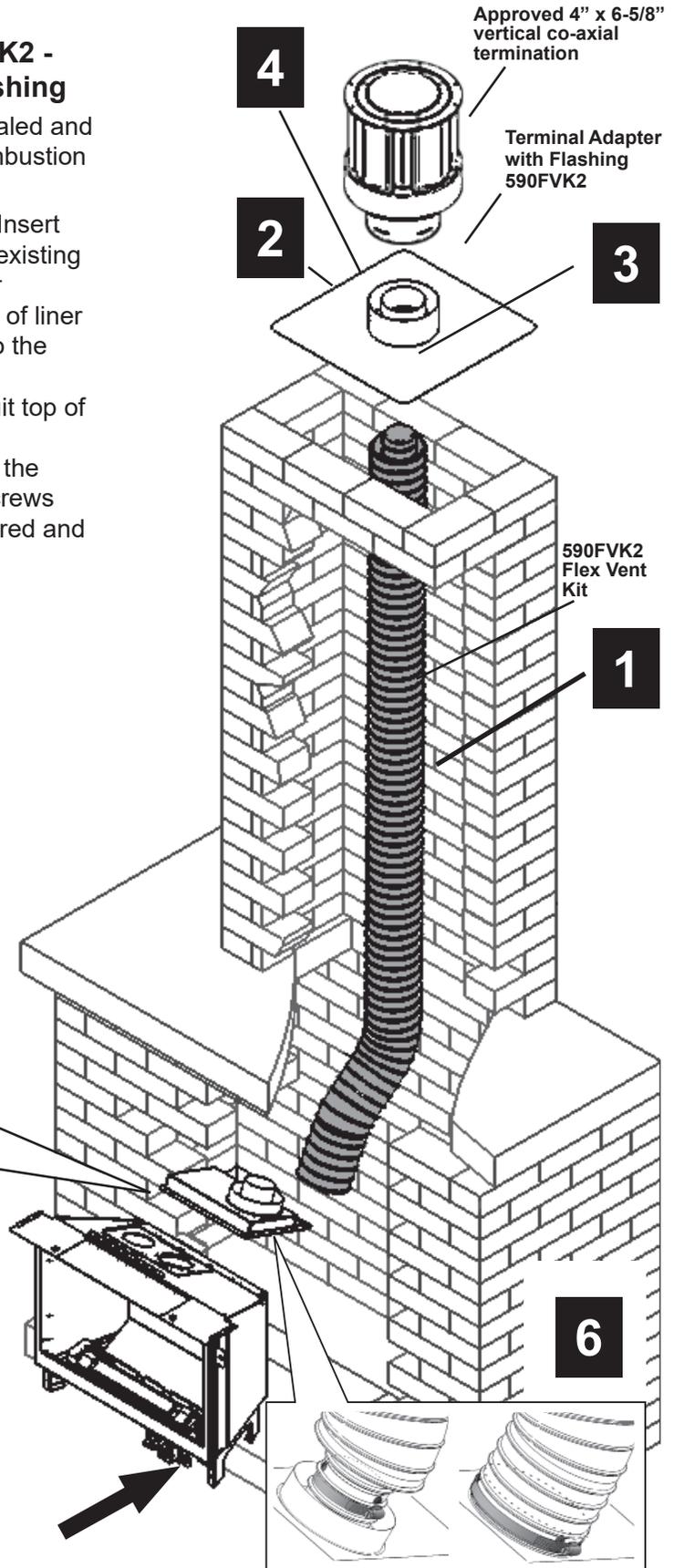
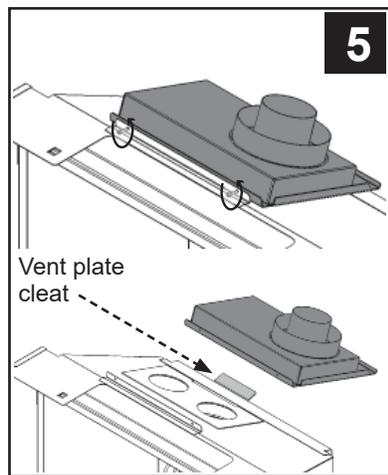


**⚠ WARNING**  
Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

**Connect Venting—Co-axial Applications  
Using RA24CA - Co-axial Vent Plate and 590FVK2 -  
Co-axial 3" x 5" Flex and Terminal Adapter/Flashing**

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

1. Stretch 3" and 5" liners individually to required length. Insert 3" liner inside 5" liner and rough-in vent liners into the existing chimney system from the roof. Be careful not to tear or damage the liners in the process. Verify there is plenty of liner at the bottom to facilitate the connection of the liners to the vent slider so you will not need to stretch more later.
2. Trim the Terminal Adapter & Flashing as required to suit top of chimney and fold a drip edge if desired.
3. Trim ends of liner if necessary and fasten to collars on the underside of the terminal adapter using sheet metal screws and gear clamps provided. Ensure liners are well secured and will not fall down the chimney.
4. Apply a bead of sealant to top of chimney and seat flashing onto sealant.
5. 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.
6. Fit the two liners, inner liner first, outer liner second. Secure liners to collars with hose clamps (included with collar kit) and 2 tapping screws per liner. 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.



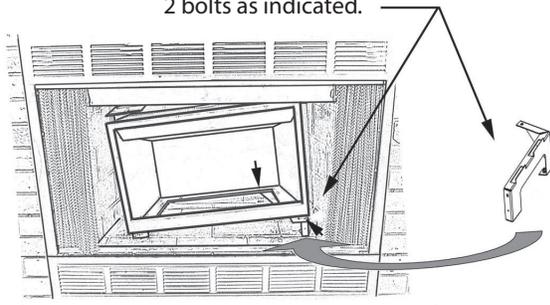
**⚠ WARNING**  
Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

# Installation

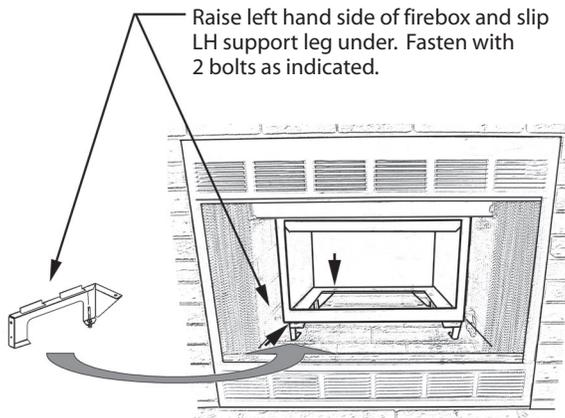
## Re-install Support Legs (if removed)

With the firebox recessed behind the smoke curtain of the existing fireplace, raise the firebox and place the individual support legs under the firebox. Placing a temporary shim under the firebox, such as a 2" x 4", may help while positioning the support legs. Tabs are provided on the support legs to help position them. Fasten the support legs at the points indicated by the arrows using the bolts provided (2 per side).

Raise right side of firebox and slip RH support leg under. Fasten with 2 bolts as indicated.

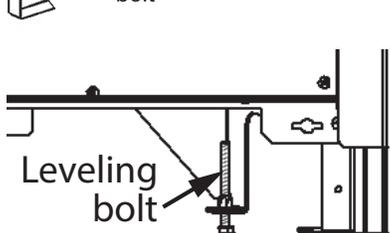
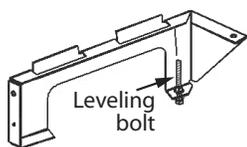


Raise left hand side of firebox and slip LH support leg under. Fasten with 2 bolts as indicated.

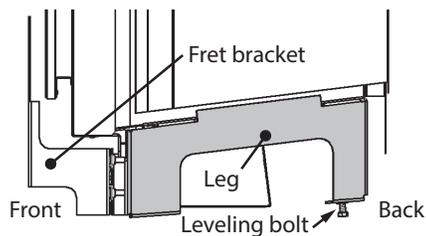


## Level Firebox in Hearth

The backside of each support leg has a leveling bolt. If necessary, adjust the level of the firebox in the hearth.



Front View

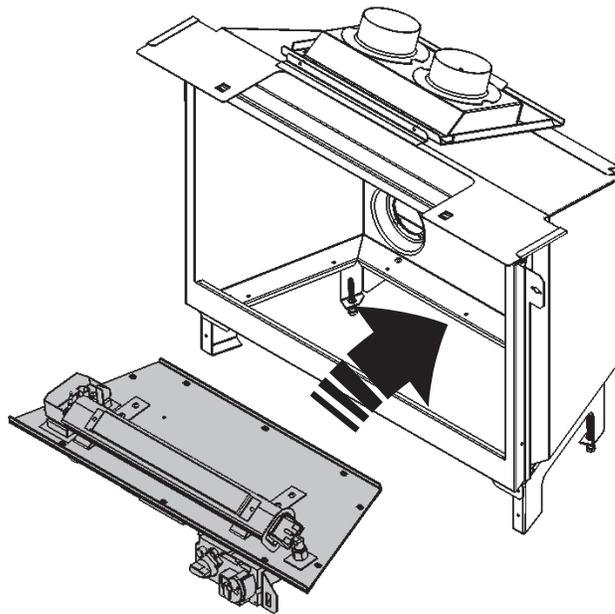


Side View

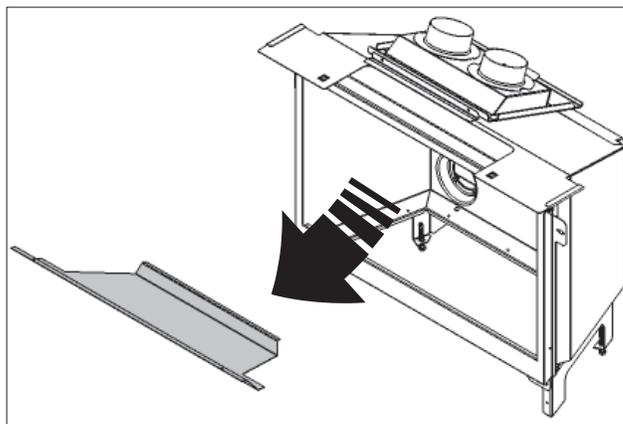
## Re-install Burner Module

**Note: If the circulating fan is to be installed it should be done at this point before installing the burner module. See instructions packaged with the fan for details of the fan installation.**

Reinstall the burner module using the 10 screws removed previously.



**Note:** The upper baffle may be removed to gain more room for the screwdriver to install the rear screws.



RF24JD-CL  
shown;  
same for CA

## Installation

### Connect Gas Supply

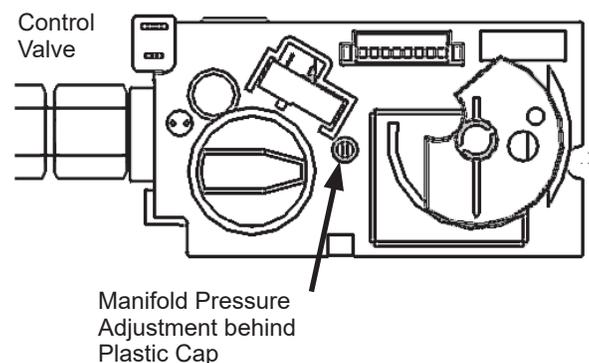
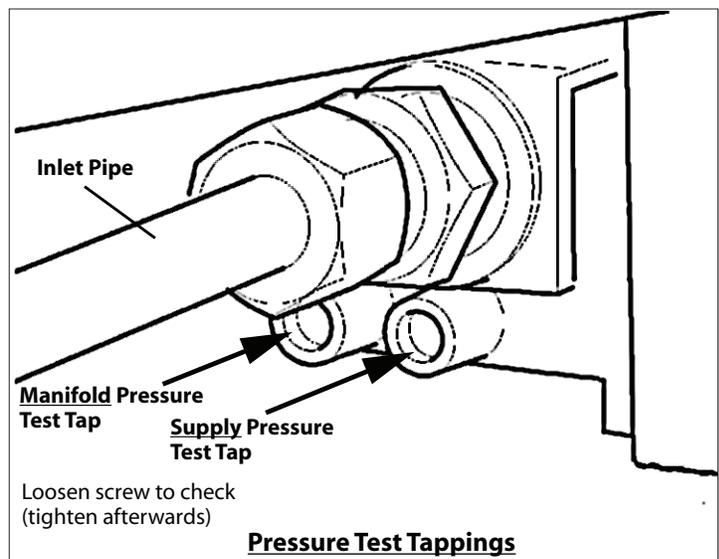
- It's preferable to rough-in the gas line at this point before proceeding with the firebox installation.
- The gas supply inlet connection is a 3/8" NPT female connector. For detailed location of this connector, see drawing in section *Dimensions*. If a circulating fan or isolating valve is to be installed, adjust the routing of the gas line to suit.
- Use only new black iron or steel pipes, CSST, or copper tubing if acceptable—check local codes. Note that in USA, copper tubing must be internally tinned for protection against sulfur compounds.
- 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.
- The supply line should include a manual shut-off valve and union to allow the appliance to be disconnected for servicing.
- 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 individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).
- Failure to either disconnect or isolate the appliance during pressure testing may result in regulator or valve damage. Consult your dealer in this case.
- The minimum supply pressure is given in the section *Specifications* of this manual.
- 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.

### **⚠ WARNING**

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

- The pressure test tapping locations are shown in figure below. A built-in non-adjustable regulator controls the burner manifold pressure. The correct pressure range is shown in the table in section *Specifications* of this manual. The pressure check should be made with the burner alight and at its highest setting. See *Lighting Instructions* section for full operating details.

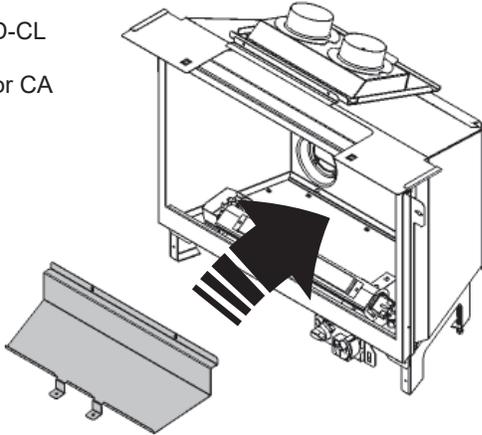


## Connect Gas Line and Test Appliance

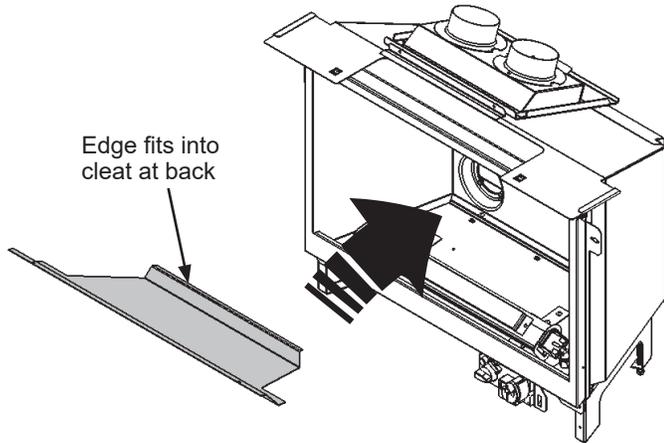
Connect the gas line to the burner module. Check for leaks, purge the line, and test-fire the unit before installing the window or proceeding with the remainder of the installation—see section *Lighting Instructions*.

## Re-install Log Support

RF24JD-CL shown; same for CA



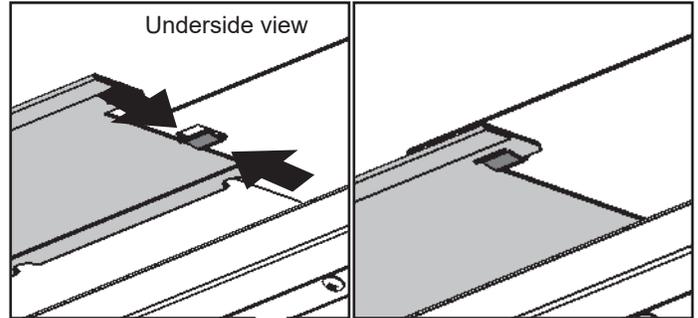
## Re-install Firebox Top Baffle (if removed)



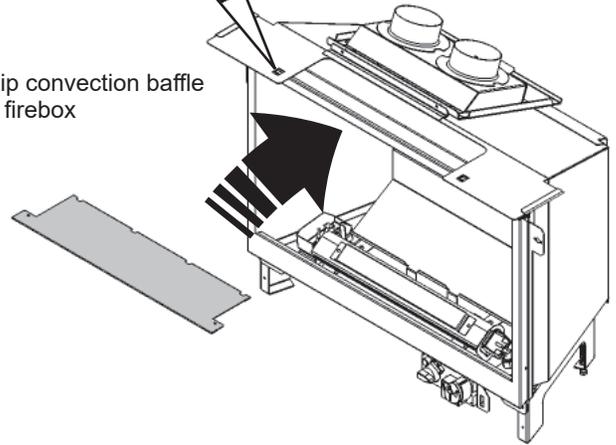
## Install Top Convection Baffle

Position the firebox as far back as possible within the existing fireplace to allow ample space at front for the fret, if used, and to allow convection air to flow under the smoke curtain of the existing fireplace.

Slide the convection baffle into the clips located underneath top of appliance.

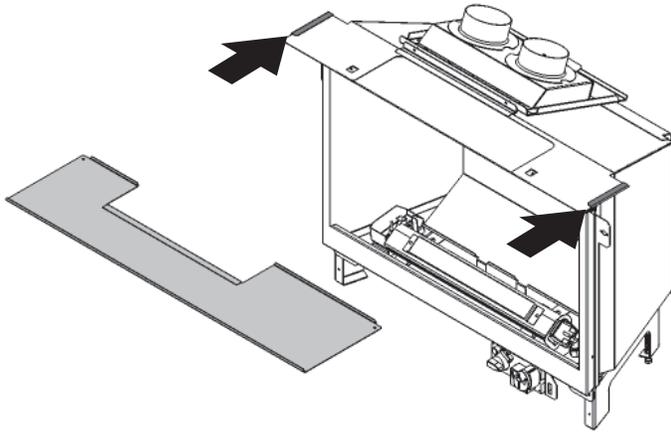


Clip convection baffle to firebox

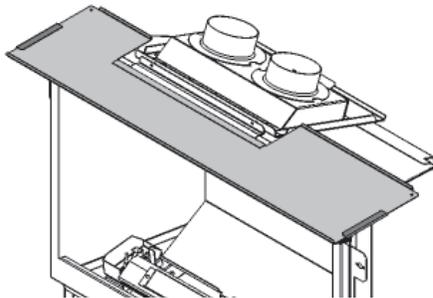
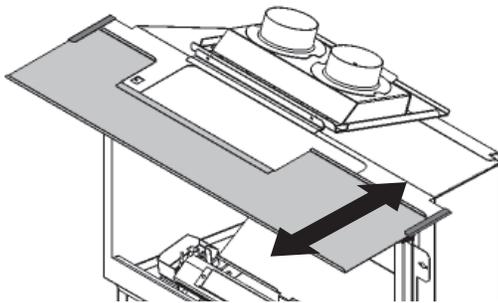


## Install Convection Baffle Extension

Install the convection baffle extension, sliding it on top of the firebox into the guides on each side.



Slide the extension in or out to allow convection air to flow under the smoke curtain of the existing fireplace. At the maximum, the extension must cover the smaller convection baffle. At the minimum, the extension will be butted to the vent plate.



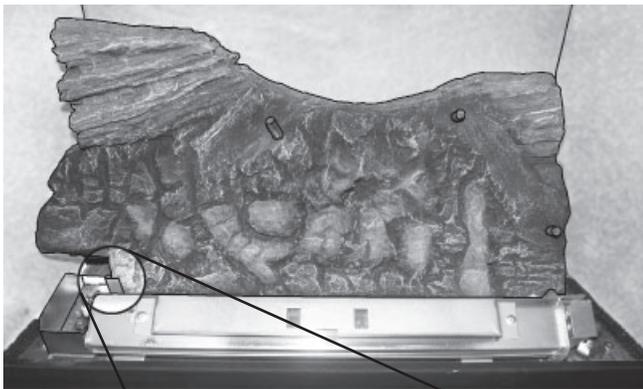
## Install Traditional Log Set MF28LSK

### Material required

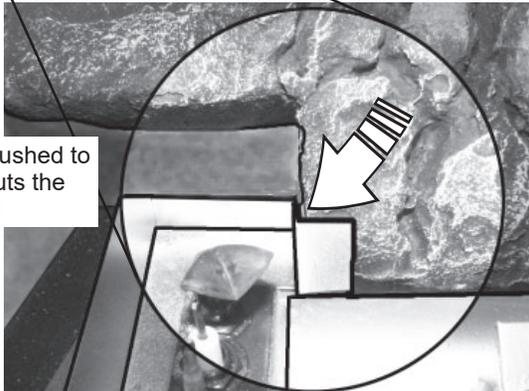
- Traditional Log Set containing:
  - 6 logs
  - Gloves, if desired

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

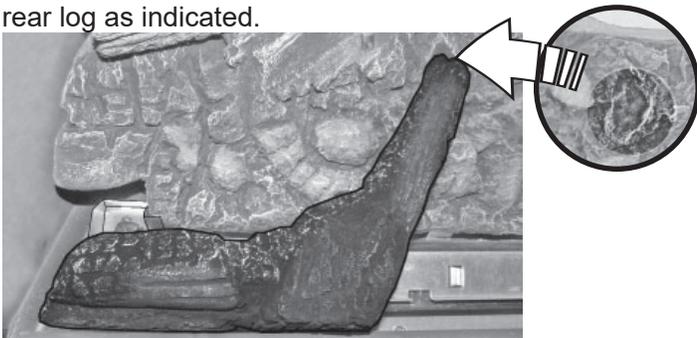
1. Place the rear log on the sheet metal support. Pull it forward until the notch in the underside of the log sits against the front edge of the sheet metal support. Slide the log towards the left hand side until the notch in the log touches the right angled return edge of the pilot shield as indicated.



Rear log pushed to the left abuts the pilot shield



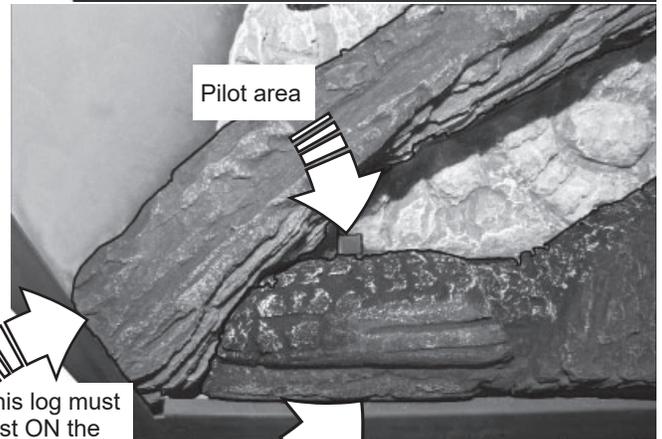
2. Place the front left log on the burner. Slide it towards the left until its narrow end rests in the notch of the rear log as indicated.



3. Place the top left log on the pin of the rear log. The bottom of the log rests on the left side end of the front left log just installed.



**Note:** Make sure the lower end of the top log rests on the front log as indicated and does not fall below in the firebox.

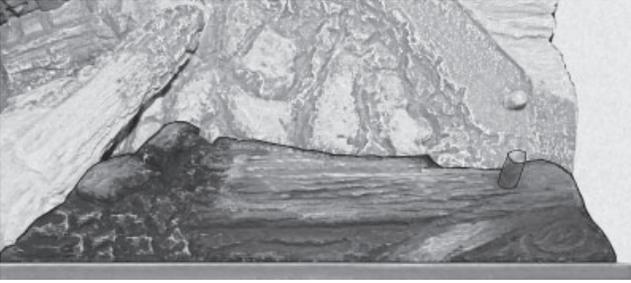


This log must rest ON the front log

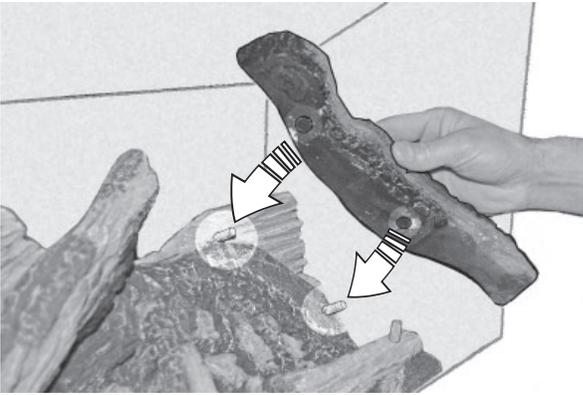
Front log

## Installation

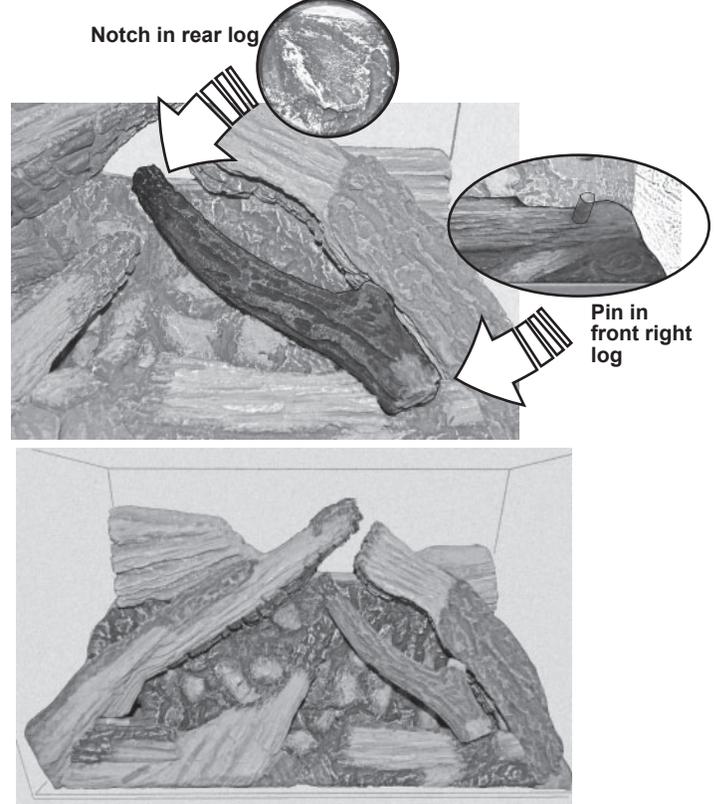
4. Place the front right log on the burner and slide it to the left against the front left log.



5. Locate the top right log on the two pins on the right side of the rear log. Ensure a tight fit against the flat area around the pins in the rear log.



6. Place the lower end of the center right log onto the pin on the front right log. Rest the narrow end in the notch into the rear log.



## Install Driftwood Set MF28DWK

### Material required

- Driftwood Kit containing:
  - 1 ceramic platform
  - 5 logs
  - 6 pebbles
- Gloves, if desired

### Installation

Unpack the kit carefully to avoid damaging the fragile pieces. Install the kit as shown below. **Please note that the position of the logs is critical to insure the good performance of the appliance.**

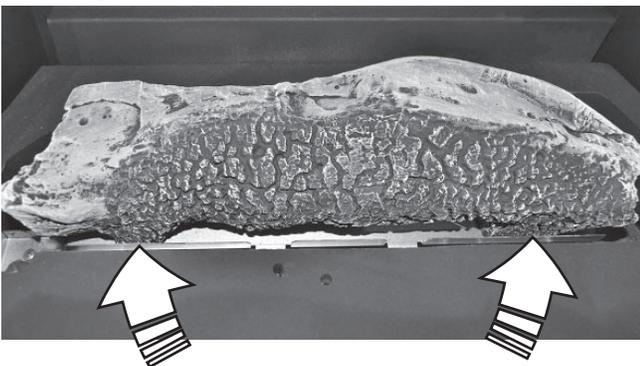
#### Platform

Insert the platform sideways into the firebox and place it on top of the burner.

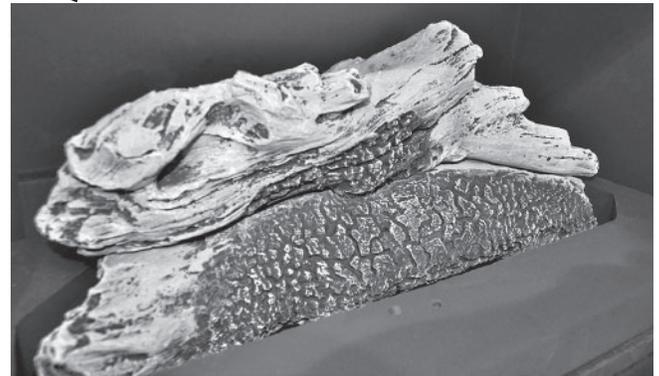
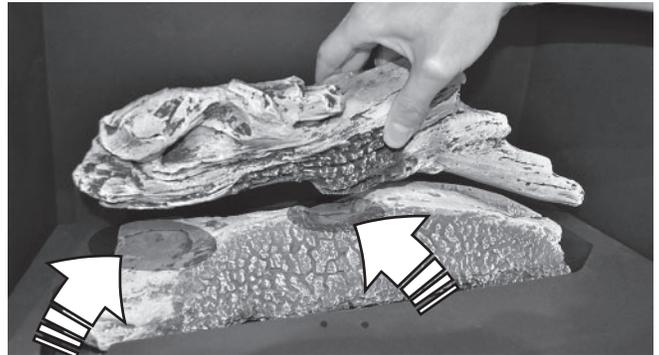


#### Logs

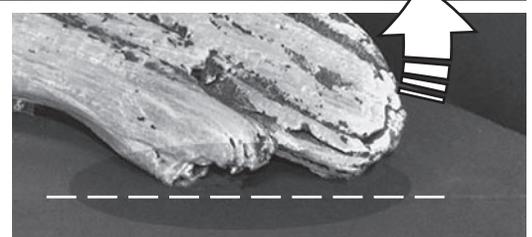
1. Identify the base log and place it in the cavity of the ceramic platform. The protruding parts of the log in the front should rest against the lip of the sheet metal log support behind the burner.



2. Identify the rear log and place it on top of the base log locating it into the notches on top of the log. Pull the log forward so it is locked in position.

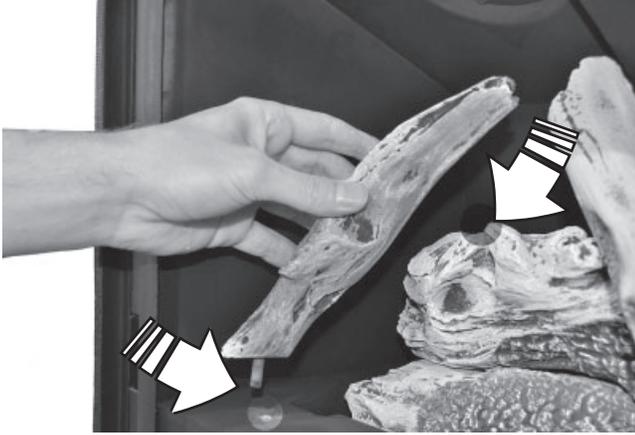


3. Identify the right side cross log, the longest, and place it across the rear log. The narrow end of the log rests in a notch of the rear log. The wide end of the log lays flat on the platform, flush with the edge as indicated.

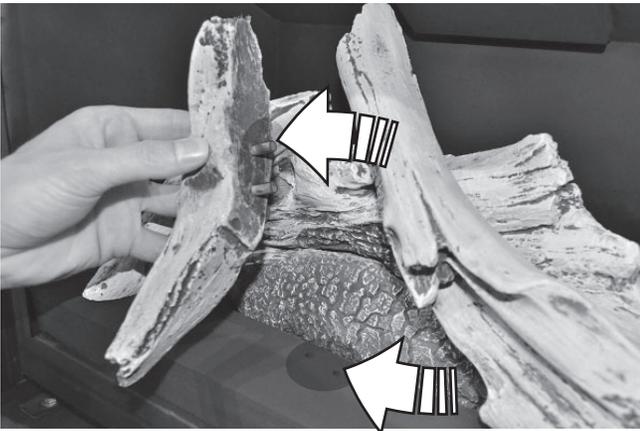


## Installation

4. Identify the left side cross log which has one pin at one end. Insert the pin in the hole at the front left of the platform and rests the top part of the log into the notch of the rear log as indicated.



5. Place the front log inserting its two pins into the two holes at the front of the platform. The ends of the log should be oriented towards the front as the log should not hang over the inside edge of the platform.



### Pebbles

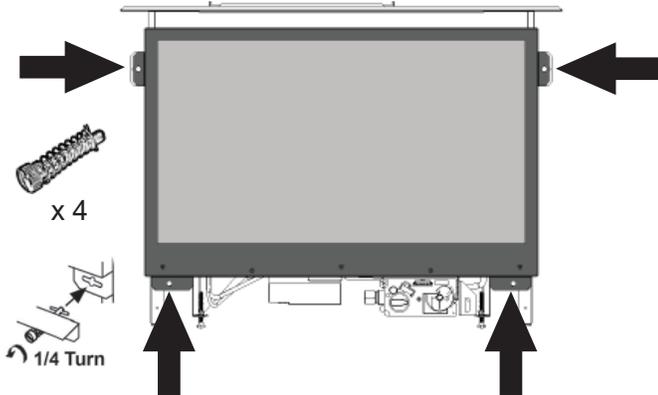
Six pebbles are supplied as decorative elements. If used, they should be placed on the platform only. We suggest to place the larger ones to cover the inside edge of the platform and place others randomly. Not all of them have to be used.



## Refit and Check Window

### Reinstall the window.

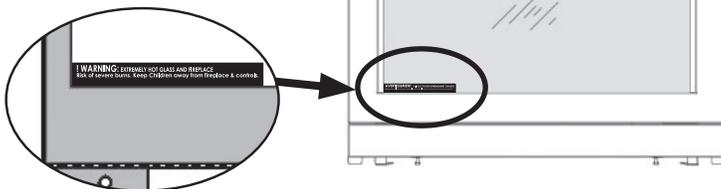
1. Hook the glass window to the firebox then fasten the four studs pushing and turning them 90 degrees, **Verify that each stud is properly hooked by feeling with your fingers and ensuring the pin of the bolt is hooked to the fireplace's flange.**



2. Then, pull out the window by the sides and release it to ensure the springs return it.
3. Apply firm hand pressure around the window frame to ensure the window is sealed tight against the firebox.
4. **If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.**

**! WARNING: EXTREMELY HOT GLASS AND FIREPLACE**  
Risk of severe burns. Keep Children away from fireplace & controls.  
Risque de brûlures graves. Garder les enfants à l'écart du foyer et des commandes.  
**AVERTISSEMENT : VITRE ET FOYER EXTRÊMEMENT CHAUDS**

Hot Glass Plate



## **! DANGER**

The window unit must be correctly installed, fastened and sealed after servicing or serious bodily injury and/or damage to the appliance may result.

To ensure a safe operation:

- Double-check that the top of the window frame is correctly hooked to the top of the firebox;
- Verify that the four (4) bolts are hooked properly to the window tabs then;
- Pull out the sides of the window and release them to insure the springs return it;
- Ensure the window is sealed before operation.

## **! WARNING**

Failure to install the window correctly can:

- Leak carbon monoxide.
- Affect the performance of the fireplace.
- Damage components.
- Cause overheating resulting in dangerous conditions.

Damage caused by incorrect window installation is not covered by the Valor warranty.

## Installation

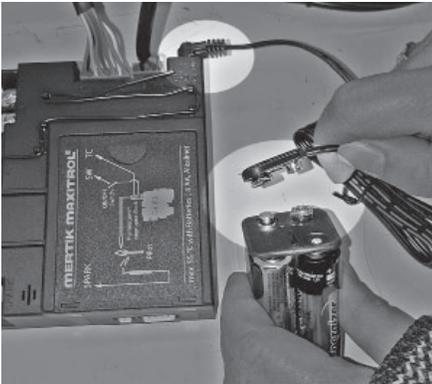
### Install Battery Holder

The batteries that power the receiver need to be installed and placed prior to synchronization and use.

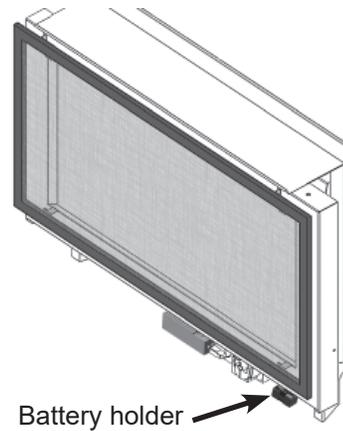
1. Take the receiver from under the firebox.
2. The battery holder and cable are supplied with the appliance. Insert 4 x 1.5V high quality alkaline batteries in the battery holder and 1 9V battery in the remote handset.



3. Connect the cable to the receiver.
4. Connect the other end of the cable to the battery holder.



5. Place the receiver and battery holder as shown under the firebox, to the right of the control valve (placement may vary with installed options).



6. Use a heat resistant tie to gather any extra cable between the receiver and the holder.

### **CAUTION**

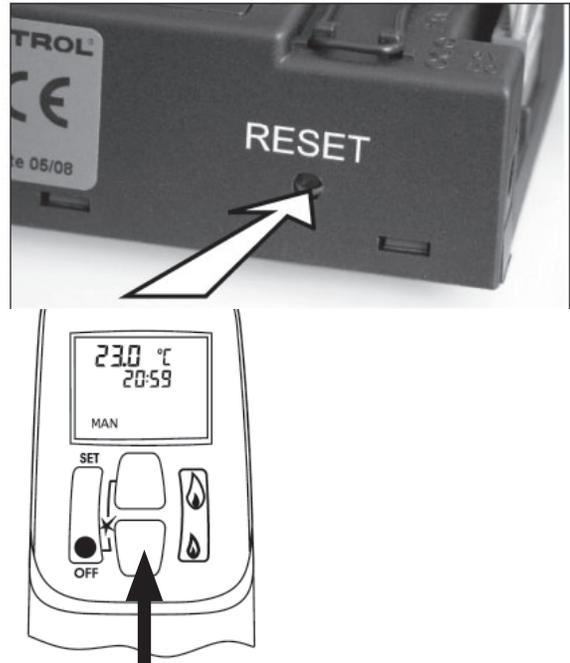
**DO NOT** let the cable touch the burner plate above, it will melt during operation.

## Synchronize Remote Control

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

1. Insert **alkaline** batteries in the remote control receiver and handset. The receiver is located left of the control valve under the burner module.
2. 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.
3. 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.



## Check Operation

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 8–11.

## Adjust Aeration (if necessary)

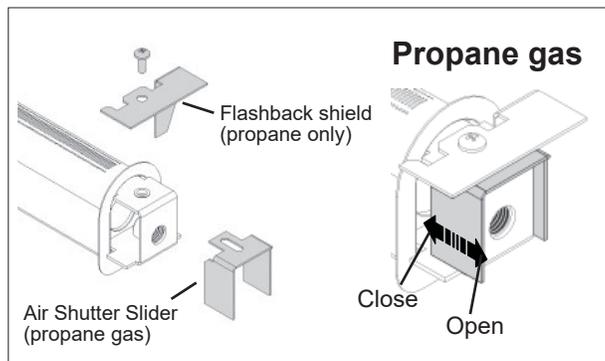
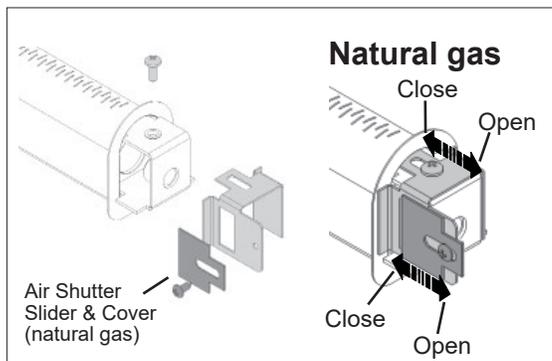
Light the fire and allow the unit to warm up for 10–15 minutes to evaluate the flame picture. The burner is equipped with an adjustable shutter to control primary aeration. See the figures below. The shutter is factory-set to an aeration gap which will give optimum performance for the vast majority of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

Depending of fuel bed used, altitude and other considerations, the flame picture may be improved by adjusting the aeration. The need for adjustment should be determined only by operating the appliance with the fuel bed and window installed and evaluating the flame picture after a 15-minute warm-up.

**Increasing aeration** will cause the flames to appear more transparent and blue making the ceramic logs glow more.

**Decreasing aeration** will cause the flames to appear more yellow or orange making the ceramic logs glow less. **Too little aeration may result in black carbon forming and dropping into the firebox.**

## Air Shutter



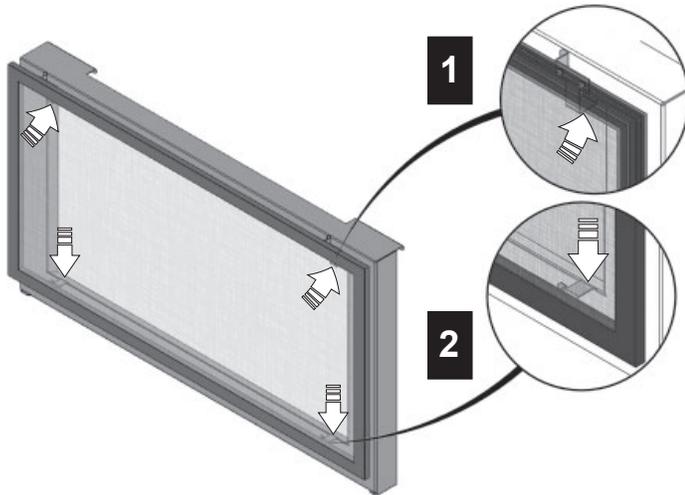
# Installation

## Install Barrier Screen to Window Cover

A barrier screen is supplied with this appliance to install on the Retrofire window cover. The barrier screen is designed specifically to prevent any contact with the glass of the fireplace which becomes hot during operation and remains hot when cooling.

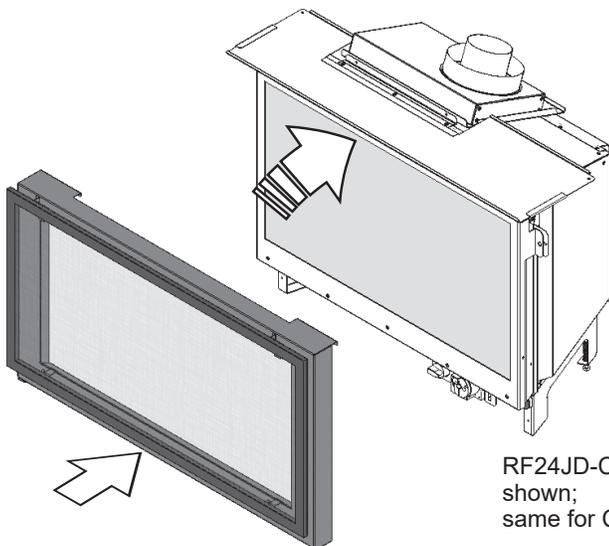
It is easier to install the screen on the window cover first, before hooking the window cover to the fireplace:

1. Hook the top of the screen by inserting the tabs into the slots in the window cover.
2. Push the screen up and insert the lower tabs into the slots of the window cover. Pull the screen down to ensure the lower tabs are well inserted.



## Install Window Cover and Barrier Screen

Hook the window cover with screen attached to the top of the firebox. Push the bottom against the firebox to attach the magnets.

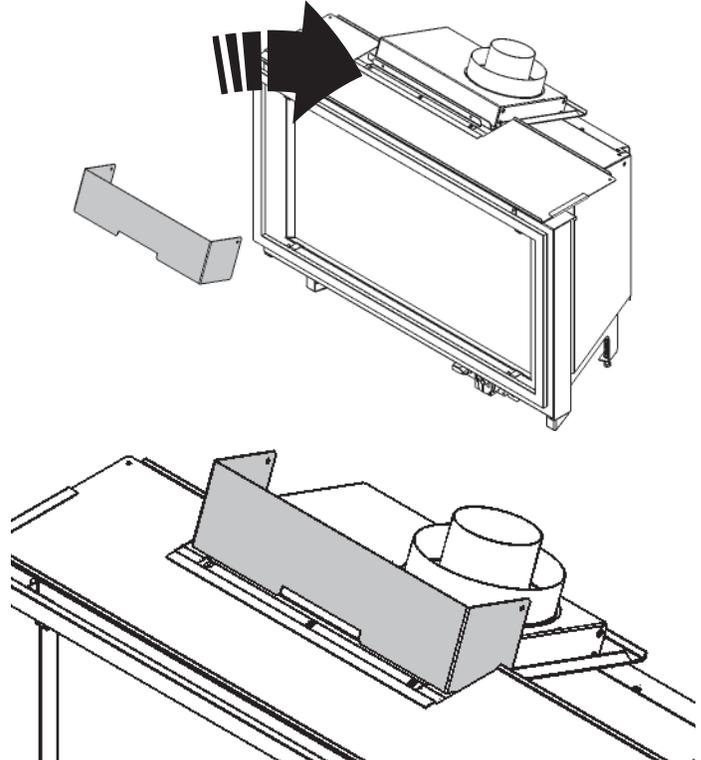


RF24JD-CA shown; same for CL

## Install Top Vent Shield (if necessary)

The top vent shield is designed to install on top of the firebox in front of the vent plate to hide the vent plate and vent liners when visible.

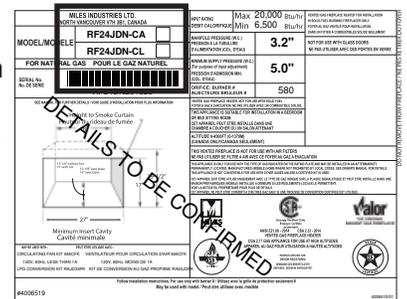
Cut the top of the vent shield to size if necessary and place it in front of the vent plate as indicated.



## Identify Installed Appliance

### Data Plate

Pull out data plate from underneath appliance and mark clearly which appliance and vent plate are being used in this installation for future reference.



## Front Cover of Installation Manual

Identify on the front cover of the installation manual which appliance and vent plate model are being used in this installation for future reference..



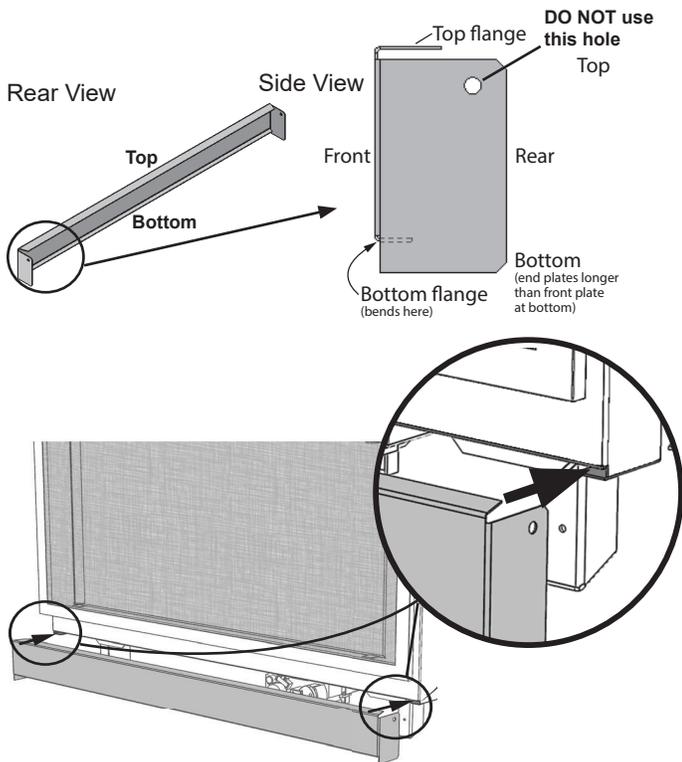
# Installation

## Install Bottom Cover or Cast Iron Fret

### Bottom Cover Installation

**Important:** When the bottom cover is used instead of a fret, a space is required in front of the window to allow the window to move and relieve during a hard start. *It is therefore very important to ensure that an area of 3/4 inch (19 mm) in front of the window is kept clear at all times.*

Slide the top flange of the bottom cover into slots located at the bottom corners of the window frame.



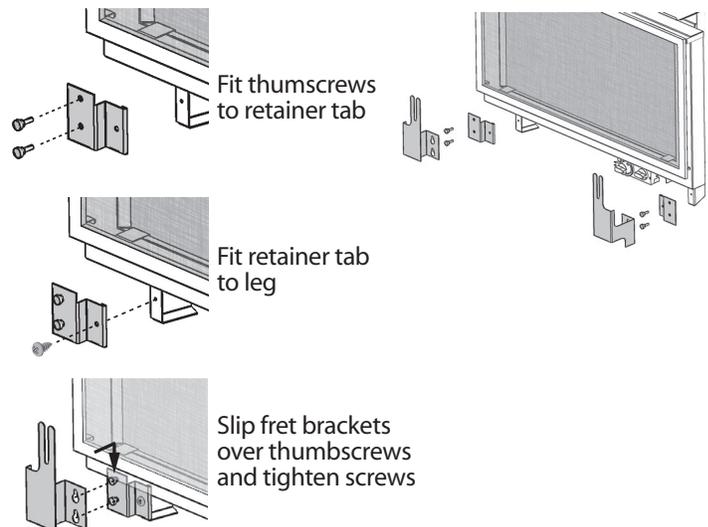
**An area of 3/4 inch (19 mm) in front of the window MUST be kept clear at all times!**

## Fret Installation

### Fret Brackets Installation RA24FK

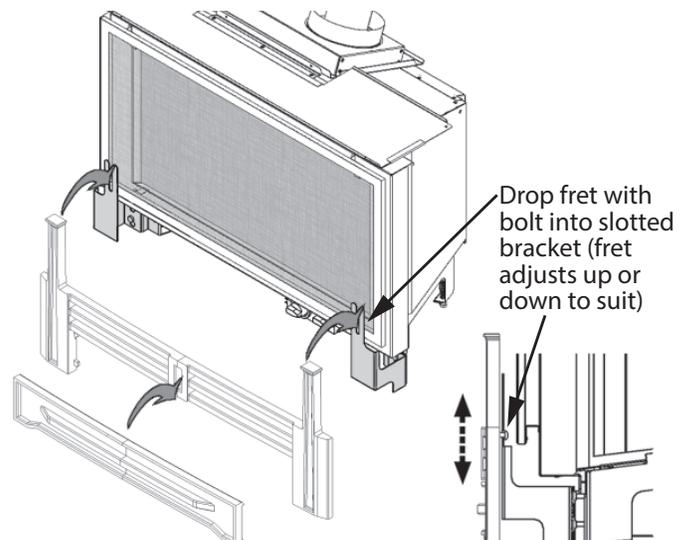
**Important:** The fret retainer brackets are designed to maintain the required space in front of the screen to allow the window to move and relieve during a hard start. *It is very important to ensure this area in front of the screen is kept clear at all times.*

1. Screw 2 thumbscrews into each retainer tab.
2. Fit the retainer tabs to each leg (1 screw per side).
3. Fit the slotted holes in the fret brackets over the thumbscrews, push fret brackets downwards and tighten the screws.



### Cast Iron Fret Installation

1. Adjust the screw heads on the back of fret to the thickness of the fret bracket.
2. Drop the fret into place while guiding the screw heads into the slots in the bracket.
3. Clip the ash pan cover onto the fret.



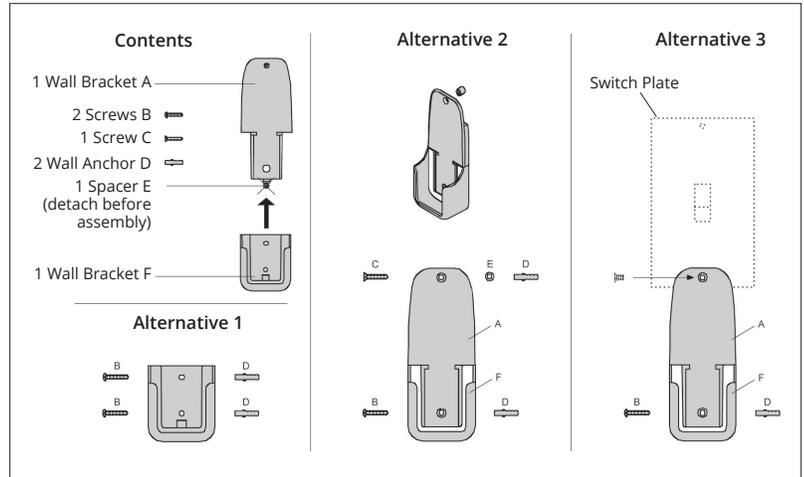
## Installation

### Install Handset Wall Holder

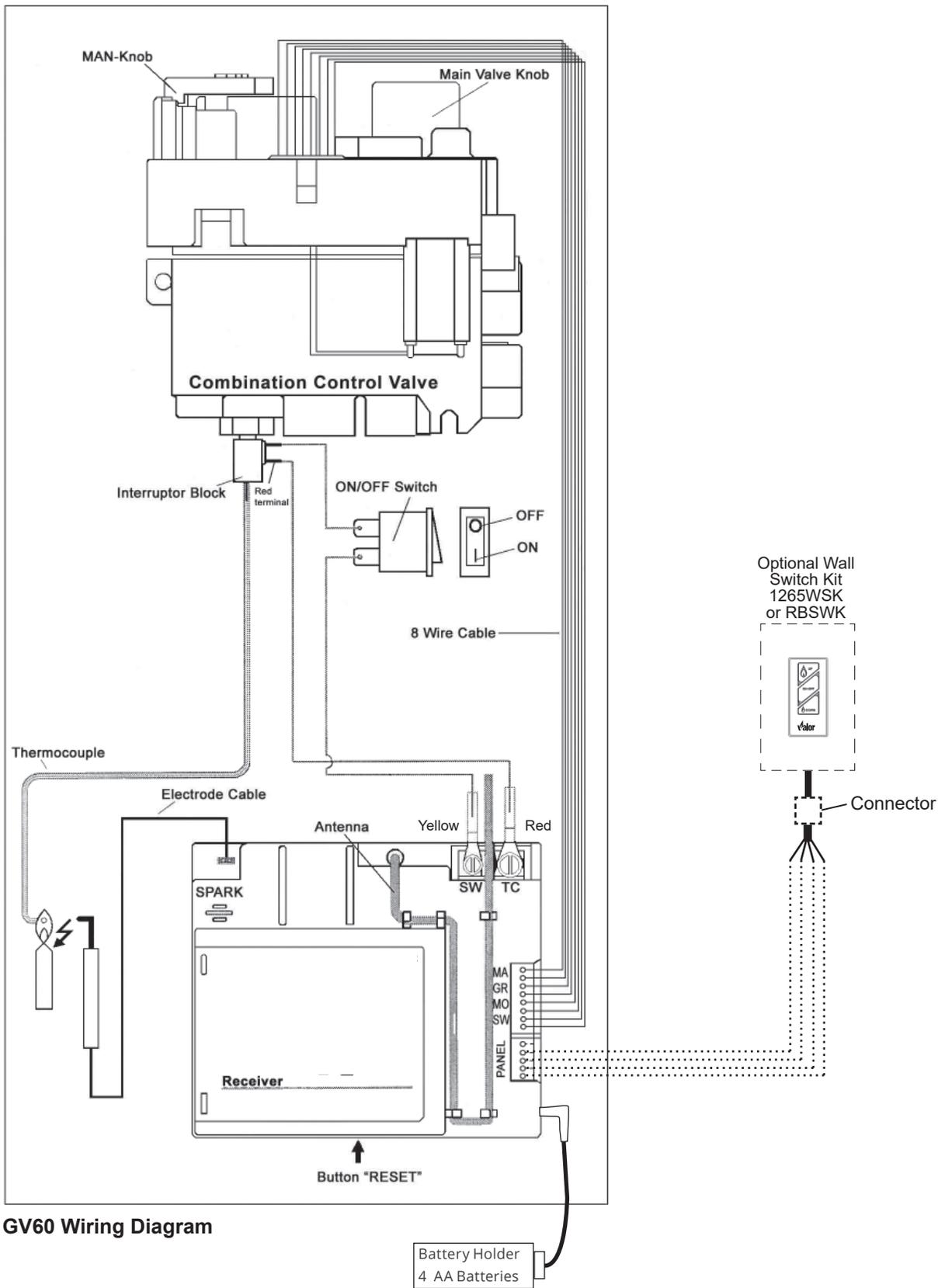
The remote control kit for this fireplace comes complete with a wall-mounted holder. This holder is not required in all installations but is provided as an optional feature for those customers who wish to mount the remote handset to the wall.

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.



# Wiring Diagram



GV60 Wiring Diagram

## Approved Venting Components

| <b>Approved Direct Vent Suppliers for Valor Models RF24JD insert engine ONLY</b>                                      |                   |   |   |                  |                      |                |               |                         |                          |   |
|---|-------------------|---|---|------------------|----------------------|----------------|---------------|-------------------------|--------------------------|---|
| <br><b>Venting Parts Description</b> |                   | <b>Venting Parts Code / availability by Manufacturer</b>  |   |                  |                      |                |               |                         |                          |   |
|   |                   | DURA-VENT   | SELKIRK   | ICC EXCEL DIRECT | SECURE VENT          | RLH INDUSTRIES | AMERIVENT     | MILES INDUSTRIES        | BDM                      |   |
| <b>Termination Caps</b>   | <b>Vertical</b>   | Standard Co-axial   | 46DVA-VC  | 4DT-VT           | —                    | —              | HSDV4658-1313 | 4DVC<br>4DH-1313        | —                        | 940264<br>940364<br>940206LP                |
|   |                   | High Wind Co-axial  | 46DVA-VCH   | —                | TM-4SVT              | SV4CGV         | —             | —                       | —                        | —   |
|   |                   | Extended Co-axial   | 46DVA-VCE   | —                | —                    | —              | —             | —                       | —                        | —   |
|   | <b>Vertical</b>   | Co-linear   | —   | —                | TM-IVT               | 3PDVCV         | HS-C33U-99    | HCL-99-33<br>HCL-913-33 | 559CLT                   | 940033B<br>940034B<br>940033HWS<br>940033RD |
|   |                   |   | —   | —                | —                    | —              | HS-C33F-1313  | HCL-1313-33             |                          | —   |
|   | <b>Horizontal</b> |   | —   | —                | —                    | —              | —             | —                       | 720SWK <sup>3</sup>      | —   |
| <b>Vent Adapters / Couplers</b>   |                   | Universal Adapter 3” Flex Coupler   | 2150  | —                | TM-CFAA3             | —              | —             | —                       | —                        | 95090390                                    |
|   |                   | Co-linear Flex Connector  | 46DVA-ADF   | —                | —                    | —              | —             | —                       | —                        | —   |
|   |                   | Co-linear-to-Co-axial Adapter   | 46DVA-GK<br>46DVA-CLTA  | —                | TM-4CTA              | —              | —             | 4DCAT33                 | —                        | —   |
|   |                   | Co-axial Adapter 5 x 3 to 6-5/8 x 4   | —   | —                | —                    | —              | —             | —                       | 590FVK2 (incl. flashing) | —   |
| <b>Aluminum Flexible Liner</b>  |                   | 3” or 4” diameter   | NOTE: 2-ply liner approved to CAN/ULC S635 suitable for venting gas appliances. As manufactured by Z-Flex, Flexmaster and others. |                  |                      |                |               |                         |                          |   |
|   |                   | Co-Linear   | 2280 Series   | AF3-35L          | TM-ALK33<br>TM-ALT33 | —              | —             | —                       | —                        | 952703<br>952704                            |
|   |                   | Co-Axial 5” x 3”  | —   | —                | —                    | —              | —             | —                       | 590FVK2                  | —   |
| <b>Flashings</b>  |                   | Roof Flashing 0/12-6/12   | 46DVA-F6  | 4DT-AF6          | TF-4FA               | SV4FA          | —             | 4DF (0/12-5/12)         | —                        | 949606012                                   |
|   |                   | Roof Flashing 7/12-12/12  | 46DVA-F12   | 4DT-AF12         | TF-4FB               | SV4B           | —             | 4DF12 (6/12-12/12)      | —                        | 949606712                                   |
|   |                   | Flat Roof Flashing  | 46DVA-FF  | —                | TF-4F                | SV4F           | —             | —                       | —                        | 949606001                                   |
|   |                   | Masonry Flashing  | —   | —                | TF-4MF               | —              | —             | —                       | 559FSK                   | —   |
| <b>Notes:</b>   |                   | <ol style="list-style-type: none"> <li>Follow instructions supplied with each manufacturer's components.</li> <li>Termination caps manufactured by RLH Industries or American Metal Products are from Homestyle Chimney Collection and can be ordered in one of the following finishes: a) aluminum; b) black powder coated; c) solid copper.</li> <li>In the Retrofire Series, the 720SWK Sidewall Kit can only be installed on the RF24JD insert engines models with RA24CL Co-axial vent plate.</li> </ol> |   |                  |                      |                |               |                         |                          |   |

# Warranty—Indoor Installations

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 initial 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 owner 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:

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

## 2. Two-Year Parts Warranty

In addition, for two (2) years from the date of purchase, the Company, at its option, will 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. Alternatively, the warranty registration form may be filled out online at [www.valorfireplaces.com](http://www.valorfireplaces.com)
- 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 initial owner 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) The 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) 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 initial user or user resides may provide specific rights extending 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 owner the wholesale price of, or replacing, 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 obligations on the part of manufacturers, but in the absence of such specific legislation, there is no other warranty or obligation expressed or implied.

## Warranty—Outdoor Installations

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 are provided only to the initial owner of this unit, are not transferable and are subject to the conditions and limitations in paragraphs 2 and 3. Please review the conditions and limitations carefully and strictly follow their requirements.

### 1. Two-Year Parts Warranty

Two (2) years from the date of purchase, the Company, at its option, will repair or exchange all parts and components that are found to have a bona fide defect in material or workmanship under normal conditions of use.

### 2. Conditions and Limitations

- a) The warranty registration card must be completed by the initial owner and returned to the company within 90 days. Alternatively, the warranty registration form may be filled out online at [valorfireplaces.com](http://valorfireplaces.com)
- 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 initial owner 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 due to:
  - 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 initial owner or user resides may provide specific rights extending 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.

### 3. No Other Warranty

All obligations to repair this unit are defined in this warranty. Some states or provinces may specifically mandate additional obligations 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

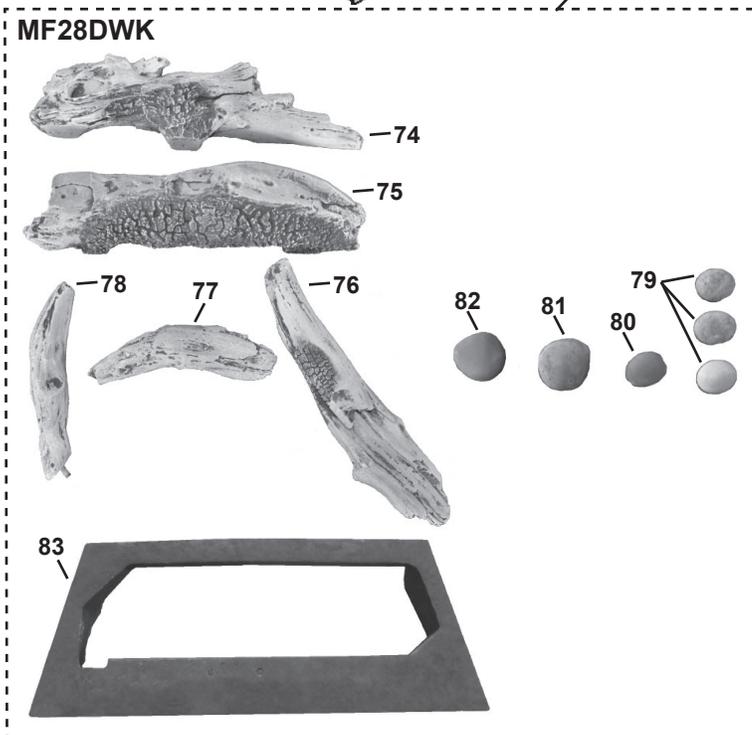
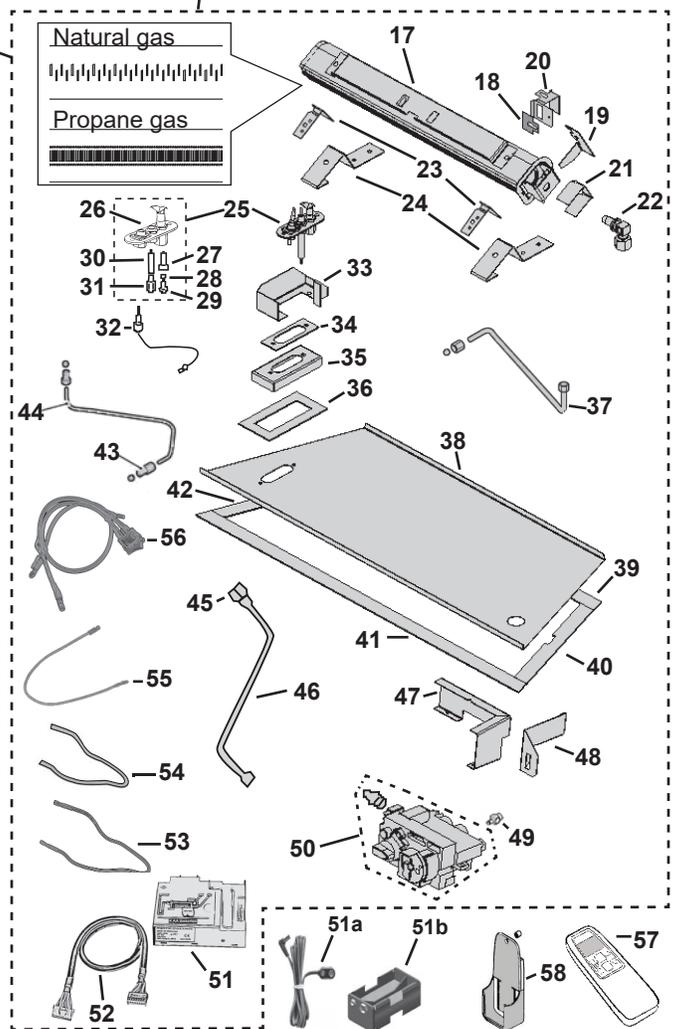
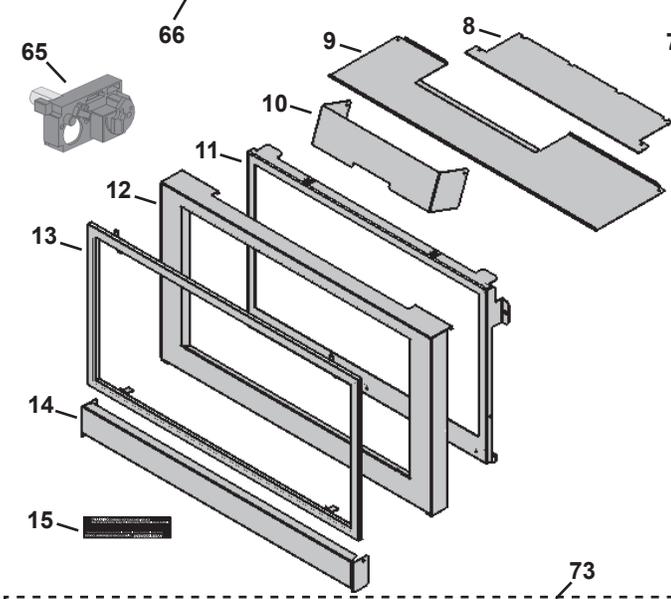
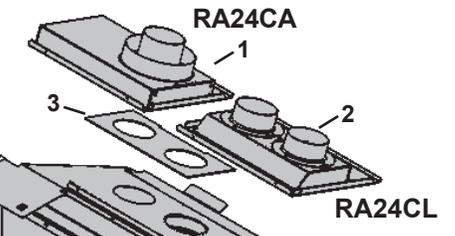
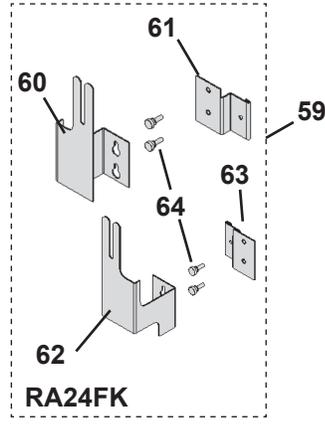
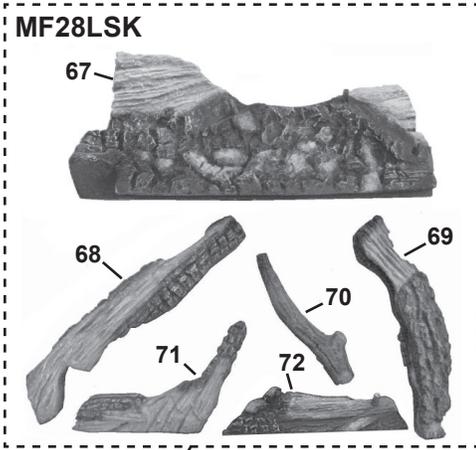
|    | Description                            | Part No.  |
|----|--|-----------|
| 1  | Co-Axial Vent Plate                    | RA24CA    |
| 2  | Co-Linear Vent Plate                   | RA24CL    |
| 3  | Exhaust Gasket                         | 4001662   |
| 4  | Leg LH                                 | 4003884   |
| 5  | Leveling Bolt (2)                      | 4000242   |
| 6  | Leg RH                                 | 4003885   |
| 7  | Rear Log Support                       | 4001890   |
| 8  | Small Convection Baffle                | 4006417BY |
| 9  | Convection Baffle Extension            | 4006418BY |
| 10 | Vent Shield                            | 4006428AZ |
| 11 | Window Assembly                        | 4006518   |
| 12 | Window Cover                           | 4006407BY |
| 13 | Barrier Screen                         | 4006519   |
| 14 | Bottom Cover                           | 4002835   |
| 15 | Hot Glass Warning Plate                | 4003093   |
| 16 | Burner Tray Assy (natural gas)         | 4006506S  |
|    | Burner Tray Assy (propane gas)         | 4006507S  |
| 17 | Burner (natural gas)                   | 740K189   |
|    | Burner (propane gas)                   | 740K190   |
| 18 | Air Shutter Cover (natural gas)        | 4002346   |
| 19 | Flashback Shield (propane gas)         | 3000371   |
| 20 | Air Shutter Slider (natural gas)       | 4002345   |
| 21 | Air Shutter Slider (propane gas)       | 320B293   |
| 22 | Injector Elbow 82-580 (natural gas)    | 720A580   |
|    | Injector Elbow 92-260 (propane gas)    | 9730007   |
| 23 | Spacer Angles (2)                      | 4000355   |
| 24 | Burner Mounts (2)                      | 4000132   |
| 25 | Pilot Assembly (natural gas)           | 4007220S  |
|    | Pilot Assembly (propane gas)           | 4007221S  |
| 26 | Pilot Bracket                          | 720A542   |
| 27 | Pilot Injector—No 35 (natural gas)     | 4002511   |
|    | Pilot Injector—No 27 (propane gas)     | 720A195   |
| 28 | Hooked Olive for Pilot Injector        | 720A196   |
| 29 | Olive Nut—Pilot Pipe to Pilot Assembly | 420K385   |
| 30 | Electrode                              | 4001856   |
| 31 | Electrode Retaining Nut                | 4001855   |
| 32 | Thermocouple                           | 4000061   |
| 33 | Pilot Shield                           | 4000144   |
| 34 | Pilot Gasket                           | 4000139   |

|     | Description                                    | Part No.  |
|-----|--|-----------|
| 35  | Pilot Mount                                    | 4000138   |
| 36  | Pilot Mount Gasket                             | 4000140   |
| 37  | Pipe—Valve to Main Burner (incl. olive & nuts) | 4000065   |
| 38  | Valve Tray                                     | 4001627   |
| 39  | Rear Gasket                                    | 4000642   |
| 40  | RH Side Gasket                                 | 4000643   |
| 41  | Front Gasket                                   | 4000641   |
| 42  | LH Side Gasket                                 | 4000644   |
| 43  | Break-off Olive Nut—Pilot Pipe to Valve        | 220K913   |
| 44  | Pipe—Valve to Pilot                            | 4000066   |
| 45  | Inlet Connector                                | 220K997   |
| 46  | Inlet Pipe                                     | 030A224   |
| 47  | Valve Mounting Bracket                         | 4000141   |
| 48  | Switch Bracket                                 | 4001070   |
| 49  | Thermocurrent Interruptor                      | 4001037   |
| 50  | GV60 Complete Valve (natural gas)              | 4006636X  |
|     | GV60 Complete Valve (propane gas)              | 4006637X  |
| 51  | Receiver PLUS                                  | 4001911   |
| 51a | Battery holder                                 | 4006553   |
| 51b | Battery holder cable 1500 mm                   | 4006552   |
| 52  | Wiring Harness                                 | 4001187   |
| 53  | Ignition Cable                                 | 4001039   |
| 54  | Ignition Cable Sleeve                          | 4002244   |
| 55  | Cable Interruptor/Receiver                     | 4001035   |
| 56  | Switch with Cable                              | 4001036   |
| 57  | Handset PLUS                                   | 4001910   |
| 58  | Handset Wall Holder                            | 9000008   |
| 59  | Fret Kit                                       | RA24FK    |
| 60  | Fret Support LH                                | 4003652BY |
| 61  | Retainer Tab LH                                | 4003650   |
| 62  | Fret Support RH                                | 4003651BY |
| 63  | Retainer Tab RH                                | 4003649   |
| 64  | Thumbscrew # 10-32x1/2" (4)                    | 4000753   |
| 65  | GV60 Valve Repair Kit                          | 4004544   |
| 66  | Traditional Log Set                            | MF28LSK   |
| 67  | Rear Log                                       | 4003803   |
| 68  | Left Top Log                                   | 4003796   |
| 69  | Right Top Log                                  | 4003797   |
| 70  | Right Center Log                               | 4003798   |

## Spare Parts

|    | <b>Description</b>           | <b>Part No.</b> |
|----|------------------------------|-----------------|
| 71 | Left Front Log               | 4003800         |
| 72 | Right Front Log              | 4003801         |
| 73 | Driftwook Kit                | MF28DWK         |
| 74 | Rear Log                     | 4005384         |
| 75 | Base Log                     | 4005383         |
| 76 | RH Cross Log                 | 4005381         |
| 77 | Front Log                    | 4005382         |
| 78 | LH Cross Log                 | 4005380         |
| 79 | Small Beige Beach Pebble (3) | 4003087         |
| 80 | Small Grey Beach Pebble      | 4003086         |
| 81 | Brown Beach Pebble           | 4003082         |
| 82 | Grey Beach Pebble            | 4003083         |
| 83 | Platform                     | 4005385         |

**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 installer.

*Please fill in the information below. The information provided will be used for customer records only.*

### Fireplace Information

Model Number:  RF24JDN-CL  RF24JDP-CL  RF24JDN-CA  RF24JDP-CA  
 INSTALLED OUTDOORS

Serial Number:

Date Purchase (yyyy-mm-dd):

Dealer:

### Customer Information

First Name:

Last Name:

### Contact Information

Email:

### Mailing Address

Address:

City:

Province/State:

Postal/Zip Code:

Country:

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

Valor Fireplaces  
190 - 2255 Dollarton Highway  
North Vancouver, BC V7H 3B1  
Canada

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

*Thank you for choosing a Valor Product*