DV Gas Insert
739JLN/P (Logs) & 739IRN/P (Rocks)
Installation & Owner’s Manual

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.

⚠️ DANGER

HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

⚠️ 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 manual contains instructions to install the ENGINE ONLY. A front is also REQUIRED to complete this installation. A barrier screen is provided with the front. Refer to the manual supplied with the front for installation.

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.

Ce guide est disponible en français sur demande.
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Warranty Card at the back of this manual.

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

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

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).
Safety Precautions

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.

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

Please Read and Carefully Follow all Safety Warnings and Operating Instructions Contained in Your Owner’s Manual

(Replacement Manuals are available by contacting our service department at 1-800-468-2567 or visit www.valorfireplaces.com).

Please 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 8 of Owner’s Information section.

• 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 receiver. It is recommended that batteries are replaced annually in any event—see page 7.
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.

This manual and particularly the preceeding 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 and for this reason, we very strongly recommend that no children be allowed to touch the fireplace and its controls at all times. Do install a screen or barrier in front of the fireplace to protect your children against severe burns.

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 14 of this manual.
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 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.

**To remove the window for cleaning:**
1. Unhook the front with barrier screen.
2. On the window, turn each bolt a quarter turn to disengage the bolt pin.
3. Gently pull the bottom of the window outward and unhook it from the firebox's opening frame.
4. Set the window aside in a safe place to avoid damage.

Clean the window following the guidelines in this section. Clean the trim and front with mild soap and water. Dust the barrier screen with a soft brush. Dust the firebox ceramic logs/rocks and walls with a soft brush. Dust can also be removed from the burner using a soft brush after removing the ceramic logs. **When cleaning, make sure that no particles are brushed into the slots of the burner.**

**To refit the window:**
1. To refit the window, place the window to the firebox's opening frame. **Make sure that the wider part of the window frame is at the bottom.**
2. While you hold it, push in and turn the two bottom spring-loaded bolts a quarter turn to engage their pin.
3. Push in the top of the window against the firebox and fasten the two top spring-loaded bolts a quarter turn.
4. Then, pull out the top and bottom of the window and release it to insure the springs return it.

5. Apply light hand pressure against the window frame sides to bed-in the window seal.

**IMPORTANT:** To ensure a safe operation, ensure that the bolts are hooked properly to the window tabs.
6. 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.

7. Replace the front or trim with the barrier screen attached.

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

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

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

Low battery signal: see page 13.
BEFORE changing the batteries, turn off the valve using the manual On/Off switch—see instructions next page.

The appliance uses four 1.5 V AA alkaline batteries for its remote control receiver 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 loose 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 remote control receiver:**
1. The receiver is located to the left of the valve and it is retained to the firebox by a Velcro tab. Grab the receiver and pull it out from its location.
2. Slide and remove the receiver cover.
3. Replace the batteries with 4 AA alkaline batteries.
4. Replace the cover.
5. Put the receiver back in its position pushing it in so it attaches to the Velcro tab.

Replacing Batteries

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3. Replace the batteries with 4 AA alkaline batteries.
4. Replace the cover.
5. Put the receiver back in its position pushing it in so it attaches to the Velcro tab.

Replacing Batteries
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.

Locating Lighting, Operation and Rating Information Plate

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

The Lighting, Operation and Rating information is located on a plate under the burner. To access the plate, remove the fret or access panel, grab the plate and take it out to read it. There is important information on both sides of the plate.

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

Operating Your Fireplace
There are three ways to control your fireplace.
1. Thermostatic Remote Control;
2. Wall Switch (optional);

The 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 next sub-section.

The Thermostatic Remote Control can be programmed to function automatically—see pages 9–13.

The Wall Switch (optional) can be used to turn on, off and to increase or decrease the flame height—see 1265WSK—Wall Switch Kit.

**NOTE:** The remote control in the AUTO mode will override the wall switch.

How to Turn Your Fireplace OFF (including pilot)
Familiarize yourself with each of these methods before operating your fireplace.

**Handset and Wall Switch:** Press and hold the OFF button for a second.

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.

**Manual ON/OFF Switch:** Press the O button.

How to Ensure Your Fireplace Cannot Be Turned ON Inadvertently
You can use one of the two following methods to ensure that your fireplace will not turn on when you don’t want it on.

**First,** ensure your fireplace is turned off—including the pilot—and cold BEFORE going ahead.

- You can prevent your fireplace from lighting by pressing the O button on the manual ON/OFF switch on the gas valve—see image above.
- Alternately, you can remove all batteries from the receiver as well as the battery from the handset.

**Automatic Shut-Off** (in certain conditions)
Your fireplace’s remote control is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 13 in the Remote Control Operation section for a description of this feature.
Remote Control Operation

NOTE: Before using the remote control system for the first time, the receiver and the handset must be synchronized. See the section Remote Control Initial Set-up on page 30 of this manual.

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.

TO TURN ON APPLIANCE

**CAUTION**

When pilot ignition is confirmed, motor turns automatically to maximum flame height.

- On the valve, turn MAN knob on the ON, full counterclockwise position.
- Place ON/OFF switch (if equipped) in I (ON position).
- Simultaneously press the OFF and (large flame) buttons until a short beep confirms the start sequence has begun; release buttons.
- Continuing beeps confirm the ignition is in process.
- Once pilot beeps confirm, there is main gas flow.
- After main burner ignition the handset will automatically go into manual (MAN) control mode.

TO TURN OFF APPLIANCE

- Press OFF button.

When the pilot is off, it will take 2 minutes before it can be lit again.

STANDBY MODE (Pilot Flame)

- Press and hold (small flame) to set appliance at pilot flame.

**FLAME HEIGHT ADJUSTMENT**

- In standby mode: Press and hold (large flame) button to increase flame height.

Owner’s Information
Remote Control Operation

MODES OF OPERATION

- Briefly pressing the SET button changes the mode of operation in the following order:

  \[
  \text{MAN} \rightarrow \text{TEMP} \rightarrow \text{TEMP} \rightarrow \text{TIMER} \rightarrow \text{MAN}.
  \]

NOTE: Manual mode can also be reached by pressing either the \(\text{\large frame}\) (large flame) or the \(\text{\small frame}\) (small flame) buttons.


- **TEMP** - Daytime Temperature Mode (Appliance must be in standby mode; pilot ignited) - The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.

- **TEMP** - Nighttime Setback Temperature Mode (Appliance must be in standby mode; pilot ignited) - The room temperature is measured and compared to the Nighttime Setback temperature. The flame height is then automatically adjusted to achieve the Nighttime Setback Temperature.

- **TIMER** - Timer Mode (Appliance must be in standby mode; pilot ignited) - The timers P1 and P2 (Program 1, Program 2) each can be programmed to go ON and OFF at specific times. For instructions see Timer Programming Mode.

NOTE: The display shows the set temperature every 30 seconds.

**SETTING THE TIME**

- The time display will flash after either:
  - Installing the battery or
  - Simultaneously pressing the \(\text{\large frame}\) (large flame) and \(\text{\small frame}\) (small flame) buttons.
- Press \(\text{\large frame}\) (large flame) button to set the hour.
- Press \(\text{\small frame}\) (small flame) button to set the minute.
- Press OFF or simply wait to return to MAN mode.

**SETTING °C/24-HOUR OR °F/12-HOUR CLOCK**

- In MAN mode, press OFF and \(\text{\small frame}\) (small flame) buttons until display changes from Farenheit/12-hour clock to Celsius/24-hour clock and vice versa.

**Express Low and High Fire**

- Double-click \(\text{\small frame}\) (small flame) button. "LO" will be displayed. NOTE: Flame goes to high fire first before going to designated low fire.

- Double-click \(\text{\large frame}\) (large flame) button. Flame automatically goes to high fire. "HI" will be displayed.

**NOTE:** The display shows the set temperature every 30 seconds.
Remote Control Operation

SETTING THE ON / OFF TEMPERATURES

SETTING THE “DAYTIME” TEMPERATURE
Default Settings: ☀TEMP (sun), 23°C / 74°F

• Briefly press SET button to scroll to TEMP ☀TEMP (sun) mode. Hold the SET button until the TEMP flashes.

• Press ☀ (large flame) button to increase the ☀ Daytime Set Temperature.

• Press ☀ (small flame) button to decrease ☀ Daytime Set Temperature.

• Press OFF or simply wait to complete programming.

SETTING THE “NIGHTTIME SETBACK” TEMPERATURE
Default Settings: ☾TEMP (moon), “--” (OFF)

• Briefly press SET button to scroll to TEMP ☾TEMP (moon) mode. Hold the SET button until the TEMP flashes.

• Press ☽ (large flame) button to increase ☽ Nighttime Setback Temperature.

• Press ☽ (small flame) button to decrease ☽ Nighttime Setback Temperature.

• Press OFF or simply wait to complete programming.

Tip
Set the different parameters when they are flashing.

OWNER’S INFORMATION
SETTING PROGRAM TIMERS

- You can program two periods of time between 12:00 am and 11:50 pm in each 24-hour cycle.
- The Programs P1 and P2 must be set in the following order during a 24-hour cycle: P1 (on), P1 (on), P2 (on), and P2 (off).
- The icon (on) indicates the beginning of the period (ON) and the icon (off) indicates the end of the period (OFF).
- If P1 (on) = P1 (on) or P2 (on) = P2 (off), the programming is cancelled.
- To keep the fireplace ON all night, set P2 (on) at 11:50 am and P1 (on) at 12:00 am.

Default settings:
Program 1: P1 (on) 6:00 am P1 (off) 8:00 am
Program 2: P2 (on) 11:50 pm P2 (off) 11:50 pm

- Briefly press SET button to scroll to TIMER mode.

SETTING P1 ON TIME

- Hold the SET button until P1 (on) (sun) is displayed and the time flashes.
- Press (large flame) button to set the hour.
- Press (small flame) button to set the minutes.

SETTING P2 ON TIME

- Briefly press SET to scroll to TIMER mode P2 (on) (sun) while the time flashes.
- Follow the instructions given to set P1 ON time.

SETTING P2 OFF TIME

- Briefly press SET to scroll to TIMER mode P2 (off) (moon) while the time flashes.
- Follow the instructions given to set P1 OFF time.

Press OFF button to save these settings. The timers are programmed. See the diagram on programming sequences on the following page.

Tip
If you want to program only one period, program P1 (on) and P1 (off) with desired times and program P2 (on) and P2 (off) with the same time as P1 (on).
Remote Control Operation

Timer Programming Example (default temperatures shown)

<table>
<thead>
<tr>
<th>Time</th>
<th>Setting</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 a.m.</td>
<td>P1 ☀</td>
<td>☀ ☀</td>
</tr>
<tr>
<td>Start time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>P1 ☀</td>
<td>☀ ☀</td>
</tr>
<tr>
<td>End time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>P2 ☀</td>
<td>☀ ☀</td>
</tr>
<tr>
<td>Start time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>P2 ☀</td>
<td>☀ ☀</td>
</tr>
<tr>
<td>End time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:00 a.m.</td>
<td>P1 ☀</td>
<td>☀ ☀</td>
</tr>
</tbody>
</table>

AUTOMATIC TURN DOWN

- **No communication.** If there is no communication between the receiver and the handset for a period of 6 hours, the appliance goes into pilot mode.

- **No change in flame height.** If there is no change in flame height for a period of 6 hours, the appliance goes into pilot mode.

  **NOTE:** In TEM or TIMER modes, the flame height will vary according to room temperature. The appliance will continue to work normally. However, if the room temperature remains the same for 6 hours, the appliance will go into pilot mode.

AUTOMATIC SHUT OFF

- **Low batteries in the receiver.** With low battery power in the receiver the system shuts off completely.

  **NOTE:** This does not apply when the power supply is interrupted.

- **No change in pilot.** The appliance shuts off completely when it is continually in pilot position—without any change—for a period of 5 days.

LOW BATTERY INDICATION

**CAUTION**

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

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

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

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.

Options

Required Kits*

- **Venting**
  See Approved Venting Components section.

- **Inner Fronts (choose one)**
  741—Contemporary Front with Barrier Screen 4003360
  742—Traditional Cast Front with Barrier Screen 4003293
  743—FenderFire Double Door Front
  744—FenderFire Single Door Front
  745—Clearview Front with Barrier Screen 4003313
  765—Contemporary Surround with Barrier Screen 4003426
  772MBF—Matte Black Front with Barrier Screen 4004319

Optional Kits*

- **Outer Surrounds, Trims & Frets**
  See your dealer for your choice of Outer Surrounds, Trims and Frets.

Other Accessories

- 755CFK—Fan Kit
- 1265WSK—Wall Switch Control Kit
- 759EBL—Enamel Liners
- 754RSK—Rock Set Kit
- 760CBL—Ceramic Black Fluted Liners
- 771RGK—Rock & Glass Kit (for 739IR only)

Conversion Kit

- 739PGK—Conversion Kit to Propane Gas
- 739NGK—Conversion Kit to Natural Gas

Hearth Gate

Hearth gates such as Cardinal’s VersaGates are available at retail stores carrying safety products for children.

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

FOR YOUR SAFETY, READ BEFORE LIGHTING

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

A. This appliance has a pilot which must be lighted by hand or by remote control. Follow these instructions exactly. To save gas, turn the pilot off when not using the appliance for a prolonged period of time.

B. BEFORE LIGHTING, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas are heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor’s phone. Follow the gas supplier’s instructions.
- If you cannot reach your gas supplier, call the fire department.

C. Use only your hand to push in or turn the control knobs. Never use tools. If the knobs will not push in or turn by hand, don’t try to repair them; call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control, which has been under water.

LIGHTING INSTRUCTIONS

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

2. SET ON/OFF SWITCH (1) TO “OFF” POSITION.
   - Wait five (5) minutes to clear out any gas, then smell for gas, including near the floor. If you smell gas, STOP! Follow “B” in the safety information above on this label. If you don’t smell gas, go to the next step.

3. AUTOMATIC IGNITION (fig. 1): Locate the pilot (fig 3.) inside of firebox at Left Hand side.
   - ON/OFF switch (1) in ON position, MAN-knob (2) in ON position; set Flame Adjustment knob (3) to lowest setting ( );
   - On the remote control handset, press and hold the ‘off ’ button and (large flame) simultaneously; a short acoustic signal confirms the start has begun;
   - Further short acoustic signals indicate the ignition process is in progress;
   - When the pilot is lit, the Flame Adjustment knob (3) will automatically rotate to the highest setting;
   - Press the (small flame) on the remote control handset to reduce the flame height.

4. MANUAL IGNITION (fig. 2): With the window off, locate the pilot (fig 3) inside of firebox at Left Hand side;
   - ON/OFF switch (1) in ON position, MAN-knob (2) in MAN position;
   - Set Flame Adjustment knob (3) to the lowest setting ( );
   - Push down the metallic core (4) with a pen or similar instrument; this will establish the pilot gas flow;
   - Light gas at the pilot (5) with a match;
   - Continue holding down metal core (4) for about 10 seconds; after release, pilot should remain lit;
   - If the pilot will not stay lit after several tries, turn the gas control knob (3) to “OFF” ( ) and call your local service technician or gas supplier.
   - Reinstall the window and set the MAN-knob (2) to “ON”; turn Flame Adjustment knob (3) up ( ) or down manually or use the up/down ‘flame’ buttons on the remote control handset to adjust the flame height.

TO TURN OFF GAS TO APPLIANCE

1. AUTOMATIC SHUT-OFF (using the remote control handset):
   - Press and hold the (small flame) on the remote control handset to shut-off the main burner gas flow;
   - Press “OFF” button on remote handset to shut-off the appliance, including pilot flame.

2. MANUAL SHUT-OFF (using only the ON/OFF switch (1))
   - Press “O” the ON/OFF switch (1) to shut-off the appliance.
Specifications

Approval & Codes


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

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

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

*Ratings

<table>
<thead>
<tr>
<th>Model</th>
<th>NG</th>
<th>LPG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>Natural</td>
<td>Propane</td>
</tr>
<tr>
<td>Altitude (Ft.)*</td>
<td>0-4,500 feet*</td>
<td></td>
</tr>
<tr>
<td>Input Maximum (Btu/h)</td>
<td>26,000</td>
<td>24,000</td>
</tr>
<tr>
<td>Input Minimum (Btu/h)</td>
<td>6,500</td>
<td>13,000</td>
</tr>
<tr>
<td>Manifold Pressure (in w.c.)</td>
<td>3.6</td>
<td>10.0</td>
</tr>
<tr>
<td>Minimum Supply Pressure (in w.c.)</td>
<td>5.0</td>
<td>11.0</td>
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<tr>
<td>Maximum Supply Pressure (in w.c.)</td>
<td>10.0</td>
<td>14.0</td>
</tr>
<tr>
<td>Main Burner Injector Marking</td>
<td>82-750</td>
<td>92-260</td>
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<tr>
<td>Pilot Injector Marking</td>
<td>35</td>
<td>27</td>
</tr>
<tr>
<td>Min. Rate By-Pass Screw</td>
<td>125</td>
<td>125</td>
</tr>
</tbody>
</table>

*High Altitude Installations

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

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

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

Supply Gas

Heater engine 739IRN and 739JLN are used with natural gas.

Heater engine 739IRP and 739JLP are used with propane gas.

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

The supply connection is 3/8" NPT female and located on the left hand side of the control valve. The gas line entry point is on the left hand side on the fireplace.

Conversion Kits

The 739 Legend G3 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 739 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.
This appliance may ONLY be installed in an existing unaltered, functioning solid-fuel burning fireplace with a working flue and constructed of non-combustible material.

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

⚠️ 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.

⚠️ WARNING

Avoid placing candles, paintings, photos, and other items sensitive to heat around the fireplace.

⚠️ WARNING

QUALIFIED INSTALLER
Dimensions

28-5/8" (727 mm)
19-1/2" (495 mm)
12 - 14" (305 - 357 mm)
Varies with outer trim options

Optional Outer Trim or Surround sold separately

9-3/8 - 11-3/8" (238 - 289 mm)
Varies with outer trim options

20" (508 mm)

Gas inlet
Gas connection

Cavity

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

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

Minimum width of fireplace opening at front: 28" (711 mm)

X = 12–14" (305–357 mm)—varies with outer trim options
Y = 20" (508 mm); 24" (610 mm) when using 763—Backing Plate
Clearances

**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.

**Combustible Mantel Clearances**

- **Mantel Projection A**
  - 1” (25 mm)
  - 1”– 6” (25–152 mm)
  - 9” (229 mm)
  - 12” (305 mm)

<table>
<thead>
<tr>
<th>Mantel Height B*</th>
<th>36” (914 mm)</th>
<th>39” (991 mm)</th>
<th>42” (1067 mm)</th>
<th>45” (1143 mm)</th>
</tr>
</thead>
</table>

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

**Finishing Materials**

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

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

**WARNING**

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

**WARNING**

*HOT HEARTH / 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.

**Sidewall Clearances**

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

  Mantel legs projecting forward less than 6” (152 mm) may be located within 5” (127 mm) of the side of the appliance (liner box).
**Typical Vent Installation**
See the Approved Venting Components list on page 34 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**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum vertical height</td>
<td>40 ft (measured to bottom of termination)</td>
</tr>
<tr>
<td>Minimum vertical height</td>
<td>10 ft (measured to bottom of termination)</td>
</tr>
<tr>
<td>Maximum horizontal run</td>
<td>4 ft (measured center to center of pipe)</td>
</tr>
<tr>
<td>Maximum offset angle</td>
<td>45° (sweeping bend to allow for obstructions)</td>
</tr>
</tbody>
</table>

**Venting Notes**
Where possible, avoid joining flex pipes. If joints are required, use an 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.
A few points must be considered before inserting the 739 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 739 engine. Cutting away any sheet metal parts of the existing fireplace to accommodate the installation of the 739 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 739 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 739 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 739 engine will fit behind any raised curb (some curbs may be removed separately from the refractory base).
Unpack the appliance

Beware of sharp edges! Wear gloves!

1. Unpack the appliance.
2. Unpack any loose items from around the appliance and check against the Pack Content list provided in the documentation package.
3. Remove the window and set aside in a safe place to avoid damage—see next page.
4. Verify that you have all the components required for the installation, including:
   - fuel bed, fluted panels & rocks;
   - surround/doors/fret;
   - venting components and accessories;
   - blower and electrical components for blower installation if used.

Existing Fireplace Preparation

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

Existing Glass Doors and Wire Screens
Existing glass doors must be permanently removed prior to installing the 739 insert.

Combustible Mantels
Combustible mantel clearances must conform to those required for the original solid-fuel fireplace into which the 739 is being installed.

Attach Warning Conversion Plate to Existing Fireplace (label supplied loose with 739 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.

Installation
Remove Window
The window is held in place by four spring-loaded bolts, two at the top and two at the bottom.
1. To remove the window, turn each bolt a quarter turn to disengage the bolt pin.
2. Gently pull the bottom of the window outward and unhook it from the firebox’s opening frame.
3. Set the window aside in a safe place to avoid damage.

Install Fan (if used)
If the 755CFK Circulating Fan Kit (blower) is to be installed, we suggest that you do it now.
The fan cavity is accessible from the back of the firebox to facilitate its installation. If the fan is retrofitted after the installation of the appliance, the burner module will need to be removed. Therefore, we recommend that, where possible, the fan be installed before the appliance is fitted into the cavity.
Refer to instructions provided with the 755CFK to install the fan.
Connect Venting

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

1. Rough-in two 3” diameter vent liners into the existing chimney system from the roof. Be careful not to tear or damage the liners in the process. It may be easier to install both liners at the same time rather than one at a time. Leave plenty of liners at the bottom to facilitate the connection of the liners to the vent slider. It is best to leave the top termination until later.

Designate and mark the top and bottom of one liner as “EXHAUST” to avoid confusion later.

2. a) Large cavity opening
   Slide the appliance into the cavity.

   b) Smaller cavity opening
   Release the two screws retaining the vent slider to the front of the fireplacebox. Remove the slider from the firebox by sliding it towards the back of the firebox.

3. Apply RTV sealant to the collars on the vent slider and fit the two liners ensuring that the exhaust liner is connected to the identified “EXHAUST” vent collar. Secure with 4 tapping screws per liner.

   If the vent slider was removed from the firebox, slide the firebox onto the vent slider in the cavity taking care not to damage the liners. Make sure that the rear edge of the slider is hooked over the cleat on the firebox. Secure the vent slider to the front of the firebox with two screws removed earlier.

4. From the roof, pull the liners and fit the flashing.

5. Fit the terminal cap ensuring that the exhaust liner is connected to the exhaust vent collar. Secure with 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 Gas Supply**

The gas supply inlet connection is a 3/8" NPT female connector and is located on the left hand side of the control valve.

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

The burner platform and gas train on this appliance may be removed as a unit for servicing or to install or remove the optional circulating fan (if installed). Provide some form of pipe union (depending on type of piping) as close as possible to appliance valve.

Unions in gas lines should be of ground joint type.

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

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

Pressure test the supply line for leaks.

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

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

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

**Pressure Test Points**

The minimum supply pressure is given in the section Specifications of this manual—page 15.

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

When testing for leaks:

- Make sure that the appliance is turned off.
- Open the manual shut-off valve.
- Test for leaks by applying a liquid detergent or soap solution to all joints. Bubbles forming indicate a gas leak. **Never use an open flame to check for leaks. Correct any leak detected immediately.**

The pressure test tapping locations are shown in the figures on the below. An internal regulator within the valve controls the burner manifold pressure. The correct pressure range is shown in the table in section Specifications of this manual on page 15. The pressure check should be made with the burner alight and at its highest setting. See Lighting Instructions section for full operating details on page 14.
Install Liner Panels
The following guidelines apply for all liners.
1. Inside the firebox, on the top of each side, release the screw of the side brick anchors (one per side) just enough to allow them to rotate.

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

3. Rotate the anchor up and out of the way and slide the left hand side panel against the firebox side. The panel should be parallel to the edge of the burner plate. Rotate the anchor back down to hold the panel.

4. Rotate the anchor up and out of the way and slide the right hand side panel against the firebox side. The panel should be parallel to the edge of the burner plate. Rotate the anchor back down to hold the panel.

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

6. Install the port cover fixing it using the two screws already in the firebox top.
Install Ceramic Logs (739JL)

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

1. Place the rear log on the sheet metal support centering it side to side in the firebox. Pull it forward until the notch in the underside of the log sits against front edge of the sheet metal support.

   Note: The rear log will appear slightly angled backward on the left side compared to the burner. The space between the log and the burner is purposefully wider on the left than on the right.

2. Place the top left log on the pin of the rear log. The bottom of the log rests against the left of the pilot shield and slightly above.

3. Place the front left log on the burner. Slide it to the left against the top left log. The narrow end should rest in the notch in the rear log.
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.

7. Pour some ceramic loose coals on each side of the logs to hide the sheet metal work. Do NOT put any coal into the pilot area.
Install Ceramic Rocks (739IR)

Unpack the ceramic rocks kit very carefully to avoid damaging the fragile material. Install the components as shown below. Please note that the position of the rocks and twigs (if used) is critical to ensure proper performance of the appliance.

1. Install the Front Support Platform in the firebox carefully sliding it down between the burner and the front bottom edge for the firebox while avoiding scraping the side ceramic panels.

2. Place the rock ceramic base on the log support behind the burner. The front bottom of the base must rest against the lip of the support.

3. Install the ceramic platform in the firebox rotating down to insert the front first behind the Front Support. Lay the back of the ceramic platform against the rear ceramic panel again being careful not to scrape the ceramic panels.

Warning: This platform is quite fragile. DO NOT force it in place.
4. The underside of each ceramic rock is identified by a number and a specific protruding positioning triangle.

Install the six rocks from left to right starting with rock no. 1.

A black discoloration may form over time at the front bottom of the 6-rock original fuel bed; this deposit can be burned off by running the fireplace on a low to medium setting fire for 30 to 45 minutes. This discoloration is unavoidable and will re-form again.

5. Place the glass panel in its cavity formed by the Front Support and the Ceramic Platform.

6. Place the left twig across the second and third rocks from the left; rest its end on the glass near the edge of the platform as shown. Make sure to leave a gap between the twig and the first rock to allow flame to come up between the twig and the rock.

7. Place the right twig across the second and third rocks from the right; rest its end on the glass about 1 cm from the edge of the platform as shown. Make sure to leave a gap between the twig and the first rock to allow flame to come up between the twig and the rock.
Refit and Check Window

1. To refit the window, place the window against the firebox’s opening frame. **Make sure that the wider part of the window frame is at the bottom.**
2. While you hold it, push in and turn the two bottom spring-loaded bolts a quarter turn to engage their pin.
3. Push in the top of the window against the firebox and fasten the two top spring-loaded bolts a quarter turn.

**IMPORTANT:** To ensure a safe operation, ensure that the bolts are hooked properly to the window tabs.

4. Then, pull out the top and bottom of the window and release it to insure the springs return it.
5. Apply light hand pressure against the window frame sides to bed-in the window seal.
6. **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.**

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 9–13.

Adjust Aeration (if necessary)

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

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

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

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

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

Air Shutters

---

Install Front, Trim and Barrier Screen

Install the front and trim chosen by the customer for their fireplace. Install as well the barrier screen which is provided with the front.

Show the customer remove the front and also how to access the controls when the front is installed.

Follow the instructions provided with the front and trim and leave those instructions behind for the customer’s further reference.
**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

Optional Wall Switch Kit 1265WSK

Connector

GV60 Wiring Diagram
## Approved Direct Vent Suppliers for Valor Models 700, 739³, 780, 785 and RF24DV

<table>
<thead>
<tr>
<th>Venting Parts Description</th>
<th>Venting Parts Code / availability by Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DURA-VENT</strong></td>
<td><strong>SELKIRK</strong></td>
</tr>
<tr>
<td>Standard Co-axial</td>
<td>46DVA-VC</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>High Wind Co-axial</td>
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<td>Universal Adapter 3” Flex Coupler</td>
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<tr>
<td>Co-linear Flex Connector</td>
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<td>Co-linear-to-Co-axial Adapter</td>
<td>46DVA-GK</td>
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<tr>
<td>Aluminum Flexible Liner</td>
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<td>Roof Flashing 0/12-6/12</td>
<td>46DVA-F6</td>
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<td>Roof Flashing 7/12-12/12</td>
<td>46DVA-F12</td>
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<td>Flat Roof Flashing</td>
<td>46DVA-FF</td>
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<tr>
<td>Masonry Flashing</td>
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Notes: 1. Follow instructions supplied with each manufacturer’s components.
2. 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.
3. The 720SWK Sidewall Kit can only be installed on the 739 models.
Warranty

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

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

<table>
<thead>
<tr>
<th>Part or Component</th>
<th>Defect Covered</th>
<th>Maximum Warranty Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior steel casing</td>
<td>Corrosion</td>
<td>10 years</td>
</tr>
<tr>
<td>Glass</td>
<td>Loss of structural integrity</td>
<td>10 years</td>
</tr>
<tr>
<td>Cast iron parts</td>
<td>Corrosion</td>
<td>10 years</td>
</tr>
<tr>
<td>Firebox and heat exchanger</td>
<td>Corrosion (but not discoloration) causing loss of structural integrity</td>
<td>10 years</td>
</tr>
</tbody>
</table>

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

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

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

5. No Other Warranty
All obligations to repair this unit are defined in this warranty. Some states or provinces may specifically mandate additional warranties on the part of manufacturers, but in the absence of such specific legislation, there is no other warranty or obligation expressed or implied.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Exhaust Slide Assembly</td>
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<tr>
<td>2</td>
<td>Exhaust Slide Gasket</td>
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<tr>
<td>3</td>
<td>Fan Closure Plate</td>
<td>4001136</td>
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<tr>
<td>4</td>
<td>Port Cover</td>
<td>4001820</td>
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<tr>
<td>5</td>
<td>Rock Support (739IR)</td>
<td>4001768</td>
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<td>5</td>
<td>Log Support (739JL)</td>
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<td>6</td>
<td>Side Bricks Anchors (2)</td>
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<tr>
<td>7</td>
<td>Top Mounting Bracket</td>
<td>4000136AZ</td>
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<td>8</td>
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<td>9</td>
<td>Window Assembly</td>
<td>4001378</td>
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<tr>
<td>10</td>
<td>Burner Assembly NG</td>
<td>4001375S</td>
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<tr>
<td>10</td>
<td>Burner Assembly LPG</td>
<td>4001376S</td>
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<tr>
<td>11</td>
<td>Burner Rail NG</td>
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<tr>
<td>11</td>
<td>Burner Rail LPG</td>
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<td>12</td>
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<td>Injector Elbow (Main Burner) LPG</td>
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<td>Air Shutter Slider NG</td>
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<td>Flashback Shield LPG</td>
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<td>14a</td>
<td>Air Shutter Slider LPG</td>
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<td>Burner Baffle</td>
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<td>Burner Mounts (2)</td>
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<td>17</td>
<td>Pilot Shield</td>
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<td>18</td>
<td>Pilot Assembly LPG</td>
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<td>Pilot Injector LPG—No 27</td>
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<td>Hooked Olive for Pilot Injector</td>
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<td>Thermocouple</td>
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<td>Pilot Mount</td>
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<td>Burner Tray</td>
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<td>30</td>
<td>Pipe—Valve to Main Burner (incl. olive &amp; nuts)</td>
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<td>31</td>
<td>Burner Plate Access Panel</td>
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<td>32</td>
<td>Module Gasket—Rear</td>
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<td>Module Gasket—Right</td>
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<td>Module Gasket—Left</td>
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<td>Olive Nut for Pilot Pipe</td>
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<td>Pipe—Valve to Pilot</td>
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<td>Thermal Switch Retainer</td>
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<td>LH Twig (739IR)</td>
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<td>RH Twig (739IR)</td>
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<td>64</td>
<td>Liner Set Complete</td>
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<td>65</td>
<td>Rear Panel</td>
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<td>66</td>
<td>Left Panel</td>
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## Spare Parts

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<td>Right Fluted Panel (739IR)</td>
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<td>Right Brick Panel (739JL)</td>
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<td>Glass Panel (739IR)</td>
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<td>Front Support—Platform (739IR)</td>
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<td>Ceramic Platform (739IR)</td>
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<td>58</td>
<td>Loose Coals (739IL)</td>
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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.*

<table>
<thead>
<tr>
<th>Fireplace Information</th>
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<tr>
<td>Serial Number:</td>
</tr>
<tr>
<td>Date Purchase (yyyy-mm-dd):</td>
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<td>Dealer:</td>
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<td>First Name:</td>
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<td>Last Name:</td>
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<tr>
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<tbody>
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<tr>
<td>City:</td>
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<tr>
<td>Province/State:</td>
</tr>
<tr>
<td>Postal/Zip Code:</td>
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<tr>
<td>Country:</td>
</tr>
</tbody>
</table>

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

**Online Warranty registration at www.valorfireplaces.com**
Thank you for choosing a Valor Product

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

Online Warranty registration at www.valorfireplaces.com

Thank you for choosing a Valor Product