WHAT TO DO IF YOU SMELL GAS

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

---

An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

INSTALLER:
Leave this manual with the appliance.

CONSUMER:
Retain this manual for future reference.

---

WARNING: FOR OUTDOOR USE ONLY

DANGER

This appliance can produce carbon monoxide which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent, car or home.

Solid fuels shall not be burned in this appliance.

This manual is available in Canadian French upon request.
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<td>31</td>
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</tbody>
</table>
IMPORTANT SAFETY INFORMATION
Read these instructions carefully before installing or trying to operate this gas appliance.

Thank you for purchasing a JVF Series Outdoor Gas Fireplace by European Home. This fireplace has been designed to provide you with safe, trouble-free operation.

Please read this manual thoroughly before beginning the installation of your fireplace. It has information which is important for safe installation and operation.

Please inspect your shipment for completeness and any damage. Contact your retailer if any damage is found. Do not install your appliance with any damaged or substituted parts.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the area of the appliance.

Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance.

Any guard or other protective device removed for servicing the appliance shall be replaced prior to operating the appliance. Installation and repair should be done by a qualified service person.

The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary.

It is imperative that the control compartment, burners, and circulating air passageways of the appliance are kept clean.

SOLID FUELS SHALL NOT BE BURNED IN THIS APPLIANCE

Keep the appliance area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

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 that has been under water.
IMPORTANT SAFETY INFORMATION ABOUT PROPANE (LP) GAS

This gas fireplace is equipped at the factory for use with natural gas. If conversion to propane (LP) is desired, the optional factory-supplied conversion kit must be used.

When using propane (LP), the gas supply cylinder to be used must be:

1) constructed and marked in accordance with the U.S. Department of Transportation (D.O.T.) Specifications for LP-Gas Cylinders, or the Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Goods and Commission, CAN/CSA-B339, as applicable,

2) provided with a listed overfilling prevention device, and

3) provided with a cylinder connection device compatible with the connection for the appliance.

4) If LP is hard plumbed to the fireplace, the propane storage tank must have a pressure regulator set for 11” w.c. (2.74 kPa).

**Note**

If a propane hose is used to connect a propane cylinder to the fireplace, the following is required:

Inspect the hose before each use of the fireplace.

The hose assembly must be replaced prior to the fireplace being put into operation if there is evidence of excessive abrasion or wear or if the hose is damaged. The replacement hose assembly must be a regulator hose with a QCC-1 connection and an outlet pressure set for 11” w.c. (2.74 kPa).

Locate the hose out of pathways where people may trip over it or in areas where the hose may be subject to accidental damage.
## SPECIFICATIONS AND DIMENSIONS

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>JVF-40H-S</th>
<th>JVF-40H-ST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>Natural Gas</td>
<td>LP (Propane)</td>
</tr>
<tr>
<td>Input Maximum Btu/hr</td>
<td>65,678</td>
<td>64,211</td>
</tr>
<tr>
<td>Input Minimum Btu/hr</td>
<td>49,901</td>
<td>48,308</td>
</tr>
<tr>
<td>Maximum Supply Pressure in. w.c.</td>
<td>7.0</td>
<td>11.0</td>
</tr>
<tr>
<td></td>
<td>kPa</td>
<td>1.74</td>
</tr>
<tr>
<td>Manifold Pressure Maximum in. w.c.</td>
<td>5.5</td>
<td>10.25</td>
</tr>
<tr>
<td></td>
<td>kPa</td>
<td>1.37</td>
</tr>
<tr>
<td>Manifold Pressure Minimum in. w.c.</td>
<td>3.5</td>
<td>6.0</td>
</tr>
<tr>
<td></td>
<td>kPa</td>
<td>0.87</td>
</tr>
<tr>
<td>Electrical Rating V AC</td>
<td>120</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram showing components](image)
- Glass Capture Panel x2
- Frosted Glass 2x
- Clear Glass 1x Single Side x2 See-Through
- Stainless Steel Wall Panels x2
- 8-32 Pan Head Screw x2
SPECIFICATIONS AND DIMENSIONS

UNIT WEIGHT - JVF-M2-40H

<table>
<thead>
<tr>
<th>Pounds</th>
<th>Kilograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>95.25</td>
</tr>
</tbody>
</table>

This information is for reference only. Please consult the Installation Manual for all details prior to making any design decisions.

Conversions from millimeters are rounded to the nearest fraction. A DWG file is available at www.europeanhome.com.

<table>
<thead>
<tr>
<th>LETTER</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>J</th>
</tr>
</thead>
</table>
UNIT WEIGHT - JVF-M2-40H

<table>
<thead>
<tr>
<th>Pounds</th>
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<table>
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<tr>
<th>LETTERS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCHES</td>
<td>40&quot;</td>
<td>27&quot;</td>
<td>7 1/4&quot;</td>
<td>52 5/8&quot;</td>
<td>37 1/4&quot;</td>
<td>45&quot;</td>
<td>18&quot;</td>
<td>5 3/8&quot;</td>
</tr>
<tr>
<td>[MILLIMETERS]</td>
<td>1016</td>
<td>686</td>
<td>185</td>
<td>52</td>
<td>947</td>
<td>1143</td>
<td>18</td>
<td>1</td>
</tr>
</tbody>
</table>
CERTIFICATION

OMNI-Test Laboratories, Inc. has certified that the J Series Outdoor Gas Fireplace meets the following standards:

- CSA 2.41-2017 “Outdoor decorative gas appliances”

J Series Outdoor Gas Fireplace

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Number:</th>
</tr>
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<tbody>
<tr>
<td>JVF-40H-S</td>
<td>7065000</td>
</tr>
<tr>
<td>JVF-40H-ST</td>
<td>7065000</td>
</tr>
<tr>
<td>JVF-60-M2-01</td>
<td>7065000</td>
</tr>
<tr>
<td>JVF-60-M2-ST-01</td>
<td>7065000</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS AND DIMENSIONS**

**CERTIFICATION**

OMNI-Test Laboratories, Inc. has certified that the J Series Outdoor Gas Fireplace meets the following standards:

- CSA 2.41-2017 “Outdoor decorative gas appliances”

**LIGHTING INSTRUCTIONS**

1. On the remote control, press the “ON” button.
2. When the flames are at the high setting, press the “LOW” button to set the flames to low.
3. When the flames are at the low setting, press the “HIGH” button to set the flames to high.

**TO TURN OFF GAS**

1. On the remote control, press the “OFF” button.

**CLEARANCES**

- Top of fireplace to combustibles: 4.0"
- Top of fireplace opening to combustibles: 6.0"
- Back of fireplace to back combustible wall: 0.0"
- Side of fireplace to side wall: 0.0"
- Side of fireplace opening to combustible trim: 4.5"
- Fireplace opening to side wall in front of fireplace: 5.5"
- Top of fireplace opening to combustible mantel: 17.0"
- Front of fireplace to back combustible wall: 18.0"
- Maximum depth of mantel: 12.0"

**DANGER**

*CARBON MONOXIDE HAZARD*

This appliance can produce carbon monoxide which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent, car or home.

**FOR OUTDOOR USE ONLY.**

For installation on (or over) Non-Combustible Floors Only

**WARNING**

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner’s information manual provided with this appliance. For assistance, or additional information, consult a qualified installer, service agency, or the gas supplier.

**WARNING**

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

This product has been certified by OMNI-Test Laboratories to ANSI Z21.97-2017/CSA 2.41-2017 Outdoor Decorative Gas Appliances. This appliance must be installed in accordance with local codes, if any. If none, follow the ANSI Z223.1 standard. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

**FIGURE 4: Sample Listing Label (affixed beneath the Light Panel)**

A sample listing label image is shown above. A metal listing label is attached to every European Home fireplace and contains important certification information. The listing label must not be removed from the fireplace.
COMBUSTIBLE MATERIALS

Materials that can catch fire and burn are considered combustible. Any material that is made of, or faced with; wood, wood pulp, paper, plastic or any other material that can catch fire and burn is considered combustible. Even though these materials may have been ‘flame-proofed’, made ‘fire-resistant’ or are ‘fire-rated’ they are considered combustible. **Standard and Type X drywall are both combustible.**

NON-COMBUSTIBLE MATERIALS

A material is non-combustible when it cannot catch fire and burn. For example, materials made of stone, brick, concrete, tile, steel, plaster or glass are non-combustible.

Since this fireplace may be installed only outdoors, it is important to select materials that are suited for outdoor conditions.
CLEARANCES TO COMBUSTIBLES

**FIGURE 5: Clearances (Front Elevation View)**

**FIGURE 6: Clearances (Plan / Top View)**

<table>
<thead>
<tr>
<th>Letter</th>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Top of fireplace to ceiling of enclosure</td>
<td>4”</td>
</tr>
<tr>
<td>B</td>
<td>Back of fireplace to back combustible wall</td>
<td>0”</td>
</tr>
<tr>
<td>C</td>
<td>Side of fireplace opening to combustible trim</td>
<td>4.5”</td>
</tr>
<tr>
<td>D</td>
<td>Fireplace opening to side wall in front of fireplace</td>
<td>5.5”</td>
</tr>
<tr>
<td>E</td>
<td>Side of fireplace to combustible side wall</td>
<td>0”</td>
</tr>
<tr>
<td>F</td>
<td>Top of fireplace opening to combustibles</td>
<td>6”</td>
</tr>
<tr>
<td>G</td>
<td>Top of fireplace opening to combustible mantel</td>
<td>17”</td>
</tr>
<tr>
<td>-</td>
<td>Maximum depth of mantel</td>
<td>12”</td>
</tr>
</tbody>
</table>
LOCATING THE FIREPLACE

When locating your J Series Outdoor Gas Fireplace, you must ensure that the proper clearances to combustible materials are maintained and your fireplace must be installed outdoors, NOT indoors. The fireplace may be installed unsheltered but wind may cause a flame outage and/or excessive sooting.

If enclosed, or sheltered, the enclosure must be:

a. an enclosure with walls on all sides but NO overhead cover; or

![FIGURE 7](image)

b. a partial enclosure that includes an overhead cover but NO MORE THAN TWO side walls; or

![FIGURE 8](image)

If the open space has closeable partitions, they must be counted as fully closed in the calculations for your percentage of open space.
Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

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

Electrical work should only be performed by a qualified, licensed electrician. Electric power must be off when making connections or performing any service.

All wiring shall be in compliance with all local, city, and state codes.

Verify proper operation after servicing.

The J-M2 fireplace must be wired to a GFCI protected 120V AC circuit using a waterproof connector. The weatherproof control box is attached to a 65 inch long power cable on the left side of the fireplace.

FIGURE 10: J-M2 Gas Control Schematic Diagram
FIGURE 11: JVF-40H LED Lighting Schematic Diagram
The J Series Outdoor Gas Fireplace is shipped from the factory for use with natural gas.

A kit to convert the fireplace to propane (LP) is available. The conversion must be performed by a qualified service person. Contact your local gas supplier. Installation guide located in Appendix A

This product must be installed by a licensed plumber or gas fitter.

The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1 /NFPA 54; National Fuel Gas Code; Natural Gas and Propane Installation Code, CSA B149.1; or Propane Storage and Handling Code, CSA B149.2, as applicable.

The fireplace and its individual shutoff valve must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psi (3.5 kPa).

**INSTALL THE NATURAL GAS SUPPLY**

The natural gas supply piping must have a separate gas shutoff valve and a capped, ¼” pipe tapping upstream of the valve for the purpose of reading pressure. A service shutoff valve must be placed within six feet of the fireplace gas control valve. Verify the gas pressure using the upstream ¼” pipe tap.

The lower side of the control box is open 2” x 14” (50 mm x 355 mm) and allows for an easy gas supply connection to the gas valve. The gas valve provides a ½” male flare fitting. This is located on the left face of the single sided unit and either side on the see-through unit.
PROpane (LP) CYLINDER ENCLOSURE

If you are planning to operate your J Series Outdoor Gas Fireplace using a portable propane cylinder, it must be placed in an enclosure that meets the following specifications:

A) One side of the enclosure must be left open and a chain located 12“ (30.5 cm) above the floor of the enclosure must span the opening to prevent the tank from tipping. One end of the chain should be attached with a hook for easy removal of the tank.

B) Two ventilation openings must be provided in the sidewalls of the enclosure (Figure 12), located within 5“ (127 mm) of the top of the enclosure, equally sized, spaced at a minimum of 90 degrees (1.57 rad), and unobstructed. The opening(s) must have a total free area of not less than 1 square inch per lb. (14.2 cm²/kg) of stored fuel capacity.

The floor of the enclosure must be located 2“ (50 mm) above the ground and must be non-combustible.

The minimum width and the depth of the enclosure must be 13 “x 13” (330mm x 330mm)

Ventilation openings must be provided at floor level of the enclosure and must have a total free area of not less than ½ in²/lb. (7.1 cm²/kg) of stored fuel capacity. If ventilation openings at floor level are in a sidewall, there must be at least two openings. The bottom of the openings must be 1 “ (25.4 mm) or less from the floor level and the upper edge no more than 5 “ (127 mm) above the floor level. The openings must be equally sized, spaced at a minimum of 90 degrees (1.57 rad) and unobstructed. Every opening must have minimum dimensions so as to permit the entrance of a ⅛” (3.2 mm) diameter rod. Ventilation openings in sidewalls must not communicate directly with other enclosures of the fireplace. The propane cylinder enclosure MUST be isolated from the fireplace but can be part of the fireplace enclosure. See the example below.

A regulator hose with a QCC-1 connection and an outlet pressure set for 11“ w.c. (2.74 kpa) can be purchased at any retail outlet that offers gas grill replacement parts. All parts of the hose must remain inside the enclosure.

**FIGURE 12**

---

**PROPANE CYLINDER ENCLOSURE REQUIREMENTS**

<table>
<thead>
<tr>
<th>A (Tank Size)</th>
<th>B (Upper Openings)</th>
<th>C (Lower Openings)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 lb. tank (9.1 kg)</td>
<td>20 in² (130 cm²)</td>
<td>10 in² (65 cm²)</td>
</tr>
<tr>
<td>30 lb. tank (13.6 kg)</td>
<td>30 in² (195 cm²)</td>
<td>15 in² (100 cm²)</td>
</tr>
</tbody>
</table>
ENCLOSING THE FIREPLACE/FRAMING

All enclosures for the JVF-40H fireplace require an air inlet and an air outlet. These openings in the enclosure must allow for the free flow of air through the unit.

The air inlet opening must be located on the same side of the fireplace as the gas control and should be located near the bottom of the fireplace. This is the left side when facing the single sided model and either side on the see-through. The air outlet can be on any vertical surface above the unit.

The air inlet opening and the air outlet opening must be covered with a grill that has a free area of at least 36 in² (233 cm²). The grill opening should be small enough to prevent bugs, mice and other pests from accessing the enclosure. When choosing a grill, give consideration to its rain and/or weather resistance to ensure that as little weather gets inside the enclosure as possible. A small hood at the top of the grill is recommended for improved weather resistance. Make sure these hoods and grills do not effect the air intake.

IMPORTANT

From the air inlet to the controls side of the unit, there must be a chase baffle must be built to prevent air from passing around the back or top of the unit: Figure 13 below.
INSTAL LATION

ROUGH OPENING / FRAMING

A wall switch is included in a water-tight control box. Installation of the control box must be where children cannot reach for safety reasons.

While combustible framing is permitted, metal framing is more appropriate for an outdoor enclosure. A typical installation is shown.

The fireplace is then placed in the framing.

The facing is applied to the framing.

Accumulated rain water will drain from a 7/8” (22.3mm) opening in the center rear of the fireplace bottom. This opening must not be blocked see Figures 19 & 20 for drain placement. The water which runs through this opening will accumulate in the base of your enclosure and must be allowed to drain away from the enclosure. An appropriate length of 1½” - 2” PVC pipe installed at the base of the enclosure which runs down and out, is recommended. These openings must be checked for blockage periodically.

ROUGH OPENING DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>JVF-40H</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (Width)</td>
<td>52⅛”</td>
</tr>
<tr>
<td>B (Height)</td>
<td>37¼”</td>
</tr>
<tr>
<td>C (Depth)</td>
<td>18”</td>
</tr>
</tbody>
</table>

FIGURE 15

FIGURE 16

FIGURE 17

FIGURE 18
The JVF-40H fireplace can come with one of two burners: a Campfire Burner or a Linear Burner. As you can see in the below images, the campfire kit only comes with a log set and the flames are higher and towards the center of the unit while the linear burner comes with fireglass or stones to cover the burner and the lights. Both fireplaces produce the same BTU and need the same pressures for Natural Gas and Propane.
TRIM and FINISH

INSTALLING THE WALL PANELS

The *J Series Outdoor Gas Fireplace* is shipped with two stainless steel wall panels. One to cover the fireplace controls and one decorative. These panels have a metal stud protruding from the top end of the panel. This stud should be inserted into the locator holes located on the ceiling of the fireplace at either end.

INSTALLING THE LIGHT COVERS

On the single sided models, install the clear glass in the back light area by laying it on the two angle brackets to cover the back light only, centered on the LED lights.

On the see through models, install the clear glass in both light areas by laying it on the protruding studs located on the reflector panels to cover light. Make sure the clear glass is centered on the LED lights. Clear glass *must* be used.

After the clear glass has been laid down, install the frosted glass which should lie parallel to the burners, covering the lights to hide them.

INSTALLING GLASS CAPTURE PANEL

After the installation of the frosted glass panels, install the glass capture panels between the end of the burner and wall panels. The lip of the glass capture panel should be installed under the lip of the burner. Secure using (2) supplied pan head screws.

INSTALLING OPTIONAL WIND GUARD

A wind guard is option for both single sided models and see through models.

1. Install wind guard bracket to glass capture panel at each end of the burner, using the supplied phillips head screws.
2. Slide wind guard glass into channel carefully, making sure to fully seat the glass into the bottom of the channels to make sure there is a secure and tight fit.
INSTALLING THE FIRE MEDIA - LINEAR BURNER

The J Series Outdoor Gas Fireplace is shipped with fire media which is to be installed on top of the burner. Be certain that the fire media does not cover the pilot burner as well as no media is between the glass panels and burners to prevent glass breakage. Extra fire media can be ordered to cover the frosted glass.

The Fire Media (Linear Burner)
The fire media should be distributed evenly across the entire burner top.
These fire media are available for the J Series Outdoor Gas Fireplace: (continued on next page)

![Pacific Fireglass](image1)
![Amber Fireglass](image2)
![Black Fireglass](image3)
![Clear Fireglass](image4)

The fire media must be installed according to these instructions. This fireplace must use only the type and amount fire media specified by European Home. An excessive amount of fire media may adversely affect the performance of the fireplace.

WARNING: All previously applied loose material must be removed prior to reapplication.
FIRE MEDIA

Cobalt Fireglass

Carrara Pebbles
INSTALLING THE FIRE MEDIA - CAMPFIRE BURNER

The J Series Outdoor Gas Fireplace is shipped with fire media which is to be installed on top of the burner. Be certain that the fire media does not cover the pilot burner as well as no media is between the glass panels and burners to prevent glass breakage. Extra fire media can be ordered to cover the frosted glass.

The Fire Media (Camp Fire Burner)
The fire media should be installed as described in the steps below.

1. Place the ashes and chips in the bottom of the burner and the glass holders, making sure not to cover or crowd the pilot assembly
2. Place logs 1, 2 and 7 on top of the chips to be able to stack the rest of logs on top
3. Place pine cones 8 on the left and right of the burners
4. Place logs 3, 4, 5, and 6 on top of 1, 2, and 7 on top of the logs in place like above to create a campfire view.
OPERATING the FIREPLACE

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.

BEFORE LIGHTING, smell all around the heater area for gas. Be sure to smell next to the floor because some gas is 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.

PAIRING THE REMOTE TO THE RECEIVER (Refer to Figure 19 on following page)
Insert A23 12 volt battery (not supplied) into the remote control.

Press and release the top button of external control box. This is the “Learn” button. A single long beep will be heard. Learn window will remain open for 60 seconds.

Press “ON” button on remote. You will hear three short beeps confirming pairing.

OPERATING INSTRUCTIONS USING REMOTE CONTROL (Refer to Figure 19 on following page)

SAFETY FEATURE- When operating the fireplace with the wall switch, remote is inoperable and flame height will be same level of last setting.

1. On the remote control, press and release the “ON” button. Sparking will occur 8 seconds after “ON” button is pressed
2. Flames are automatically set to high. Press the “LOW” button on the remote control to set the flames to low.
3. When the flames are at the low setting, press the “HI” button on the remote control to set the flames to high.

OPERATING INSTRUCTIONS USING THE WALL SWITCH
1. Press the middle button of the wall switch
2. Flames will be same level of last setting. To adjust flame height, press bottom button of wall switch.

TO TURN OFF FIREPLACE
1. When using the remote control, press the “OFF” button.
2. When using the wall switch, press the top button to the off position.
OPERATING the FIREPLACE

BURNER CONTROLS

FIGURE 19
OPERATING the FIREPLACE

USING THE LED LIGHT REMOTE

The LED remote control comes with a battery installed. When using the LED remote control, point the remote at the control side of the fireplace. The eye which receives the signal is located on the control side of the fireplace.

IR Programmable Remote Control

- Play/Pause any dynamic color changing pattern
- Turn controller output on and off
- Pattern and dimming level are retained when off
- Increase/Decrease brightness on static color modes
- Increase/Decrease color changing speed on all dynamic modes
- Directly select static color modes, including pure white

Select 1 of 6 DIY buttons to enter custom programming. Use up and down color arrows to increase and decrease saturation of the arrow’s specified color. Press and hold any DIY button to save programmed custom color.

- Cycles all patterns randomly (speed may be adjusted)
- Turn ON/OFF static color strobe mode (speed may be adjusted)
- Seven-color fade (speed may be adjusted)
- Tri-color fade (speed may be adjusted)
- Seven-color instant change (speed may be adjusted)
- Tri-color instant change (speed may be adjusted)

FIGURE 21
## TROUBLESHOOTING

### Control Module Audible Alerts

#### One beep every one-second

**Ignition Safety (Protection for Ignition system)**

<table>
<thead>
<tr>
<th>Description of Fault</th>
<th>Action</th>
<th>How to Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot is not successfully ignited within the trial period.</td>
<td>The control will operate the step motor in the gas valve to the OFF position.</td>
<td>Cycle ON/OFF switch to OFF position.</td>
</tr>
</tbody>
</table>

#### Two beeps every one-second

**Recycle Safety: (Protection for Unstable Pilot)**

<table>
<thead>
<tr>
<th>Description of Fault</th>
<th>Action</th>
<th>How to Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Recycle - Pilot is proven and lost 3-times within 2-minutes without multiple ON/OFF commands.</td>
<td>After 5-minutes has elapsed (5-minute internal timer expires), the module must see the mode/switch in the OFF position after that time.</td>
<td>Once the module see's the mode/switch in the OFF position after the 5-minutes has elapsed, it will stop beeping.</td>
</tr>
<tr>
<td>Automatic Recycle (VCS-ECOMODODS) - Pilot is established, then lost.</td>
<td>Once the module see's the mode/switch in the OFF position after the 5-minutes has elapsed, it will stop beeping.</td>
<td>Once the beeping has stopped, it will accept normal operation including another ON command from the user.</td>
</tr>
<tr>
<td>Manual Recycle – Ignition sequence is initiated 6-times within 2-minutes.</td>
<td>Manual Recycle – Ignition sequence is initiated 6-times within 2-minutes.</td>
<td>Manual Recycle – Ignition sequence is initiated 6-times within 2-minutes.</td>
</tr>
</tbody>
</table>

#### Four beeps every one-second (constant beeping)

**Sensor Safety (Protection for Flame sensor)**

<table>
<thead>
<tr>
<th>Description of Fault</th>
<th>Action</th>
<th>How to Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot flame sensor voltage is too high (&gt;flame false threshold) when ignition sequence is initiated.</td>
<td>The control will operate the step motor in the gas valve to the OFF position.</td>
<td>Cycle the ON/OFF switch to the OFF position.</td>
</tr>
</tbody>
</table>

#### Four beeps every two-seconds

**Thermal Safety (Overheat Protection)**

<table>
<thead>
<tr>
<th>Description of Fault</th>
<th>Action</th>
<th>How to Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal temperature has exceeded 170 deg. F.</td>
<td>The module will operate the step motor in the gas valve to the OFF position.</td>
<td>Module's internal temperature must cool to below 160 deg. F and cycle the ON/OFF switch to the OFF position.</td>
</tr>
</tbody>
</table>
MAINTENANCE

A qualified service agency should conduct an annual inspection and maintenance of your J Series Outdoor Gas Fireplace to keep it running safely. The following procedures should be performed only by a qualified service person. The gas supply should be turned off whenever a maintenance procedure is performed. All parts of the fireplace that are removed for servicing must be replaced prior to operation.

Cleaning the Media and Burner.
1. With all parts of the fireplace at room temperature, carefully remove and clean the fire media with a soft bristled brush.
2. Clean the pilot shield with a vacuum cleaner.

Cleaning the Stainless Steel.
1. With all parts of the fireplace at room temperature, use a high-quality stainless steel cleaner to clean. Be sure to softly clean WITH the grain.

Cleaning the Cabinet.
1. Ensure that the space beneath the glass panels is kept free of dirt and debris. Clean this area with a vacuum cleaner while being careful to not disturb any of the wiring or tubing.
2. Ensure that the cabinet drain is free of blockage and debris.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that the control compartments, burners, and circulating-air passageways of the appliance are kept clean.

The flames should look like Figure 22.

![LINEAR BURNER](image1)

![CAMPFIRE BURNER](image2)

FIGURE 22
## JVF-M2 SERIES REPLACEMENT PARTS LIST

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>24“ Connection Wire</td>
<td>Repl-JVF-GS-CWC-01</td>
</tr>
<tr>
<td>72“ 8 Pin Wiring Harness</td>
<td>Repl-JVF-GS-MWH-01</td>
</tr>
<tr>
<td>AC Adapter</td>
<td>Repl-JVF-GS-AC-ADAPTER</td>
</tr>
<tr>
<td>Clear Glass (40H-S only) (1 Piece)</td>
<td>JVF-GLASS-40H-S-CLEAR</td>
</tr>
<tr>
<td>Clear Glass (40H-ST only) (2 Pieces)</td>
<td>JVF-GLASS-40H-ST-CLEAR</td>
</tr>
<tr>
<td>Frosted Glass (40H-S only) (2 Pieces)</td>
<td>JVF-GLASS-40H-S-FROST</td>
</tr>
<tr>
<td>Frosted Glass (40H-ST only) (2 Pieces)</td>
<td>JVF-GLASS-40H-ST-FROST</td>
</tr>
<tr>
<td>Control Module</td>
<td>Repl-JVF-GS-CM-01</td>
</tr>
<tr>
<td>Gas Valve</td>
<td>Repl-JVF-GS-GV-M2-01</td>
</tr>
<tr>
<td>LED Light Bar (2 Pieces)</td>
<td>-</td>
</tr>
<tr>
<td>LED Light System Kit</td>
<td>Repl-JVF-ES-40H-LED</td>
</tr>
<tr>
<td>Momentary Contact Switch</td>
<td>Repl-JVF-ES-MCS-01</td>
</tr>
<tr>
<td>Pilot assembly</td>
<td>Repl-JVF-ES-PS-M2-01</td>
</tr>
<tr>
<td>Remote Control</td>
<td>Repl-JVF-GS-RC-01</td>
</tr>
<tr>
<td>Rocker Switch</td>
<td>Repl-JVF-ES-RS-01</td>
</tr>
<tr>
<td>Thermocouple</td>
<td>Repl-JVF-GS-GS-1T-01</td>
</tr>
</tbody>
</table>

For replacement parts and customer service:

**Contact your local Dealer**
The installer should complete the Customer Record and the Installer Record, below. This information is necessary for any contact with European Home Technical Support.

The Customer Record remains with the customer and the Installer Record is kept by the installer.

CUSTOMER RECORD

MODEL: ______________________________________

DATE of PURCHASE: ______________________________________

DEALER: ______________________________________

INSTALLER NAME: ______________________________________

FIREPLACE S/N: ______________________________________

DATE INSTALLED: ______________________________________

FUEL: ______________________________________

MEASURED AFTER INSTALLATION

INLET PRESSURE: ______________________________________

MANIFOLD PRESSURE: ______________________________________

INSTALLER: Please complete and retain the installer Record, below.

INSTALLER RECORD

MODEL: ______________________________________

DATE of PURCHASE: ______________________________________

CUSTOMER: ______________________________________

INSTALLER NAME: ______________________________________

FIREPLACE S/N: ______________________________________

DATE INSTALLED: ______________________________________

FUEL: ______________________________________

MEASURED AFTER INSTALLATION

INLET PRESSURE: ______________________________________

MANIFOLD PRESSURE: ______________________________________
European Home Warranty

for

The J Series Outdoor Gas Fireplace

European Home warrants the gas controls and burner of the J Series Outdoor Gas Fireplace against defects in materials and workmanship for a period of TWO (2) YEAR from the date of original retail purchase. We warrant the J Series Outdoor Gas Fireplace and cover against defects in materials and workmanship for a period of FIVE (5) YEARS from the date of original retail purchase. If a defect exists, European Home will, at its option, either (1) provide needed components using new or refurbished replacement parts or (2) exchange the product with one which is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. A replacement product/part assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes the property of European Home. All warranty claims must be submitted through the dealer from which you purchased the product. Check with your dealer in advance for any costs to you when arranging a warranty call. Shipping and/or delivery charges for parts are not covered by this warranty.

Nothing in the above shall be deemed to imply that this warranty shall apply to work which has been abused, or neglected or shows evidence of changes or modifications by others with or without permit, damages caused by the acts of God, building settlement or moving, fire or vandalism. In addition, installation of this product that varies from the requirements stated in the instruction manual will void the warranty.

European Home is a division of Europa Ja, Inc.
The **JVF-SA-LPCK** kit contains the following items:

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>JVF-GS-REG/HOSE-02SPIS</td>
<td>J-Series LP Regulator, 36&quot; hose, 3/8&quot; female fitting</td>
<td>1</td>
</tr>
<tr>
<td>JVF-GS-SPIS</td>
<td>Spider Screen for J-Series LP conversion</td>
<td>2</td>
</tr>
<tr>
<td>JVF-GS-OR-.064</td>
<td>.064 Orifice for J-Series LP conversion</td>
<td></td>
</tr>
<tr>
<td>JVF-GS-GL-FF</td>
<td>J-Series Gas Line Flare Fitting for LP conversion</td>
<td>1</td>
</tr>
<tr>
<td>JVF-DL-CL-01-EN</td>
<td>JVF LP Conversion Label - English</td>
<td>1</td>
</tr>
<tr>
<td>J-Series LP Conversion Guide</td>
<td>Instructions for J-Series LP conversion</td>
<td>1</td>
</tr>
</tbody>
</table>

This kit is to be used to convert the J Series models from natural gas to propane. **It is not to be used to convert any other models.**

The conversion must be performed only by a qualified service person or agency.

If the fireplace or burner has been connected to natural gas, contact your local gas supplier to have the natural gas supply disconnected and removed.

The maximum and minimum inlet supply pressure is controlled by the regulator. It is set at a supply pressure of 11 inches water column.

The manifold pressure cannot be adjusted. It should be 10.3 inches water column. The propane input is rated at 65,000 Btu/hr.

For installations above 2000 feet elevation, check with local authorities or your propane supplier for proper deration.

Please refer to page 14 for LP cylinder enclosure.
STOP! THIS CONVERSION MUST ONLY BE PERFORMED BY A QUALIFIED SERVICE AGENCY OR PERSON

1. Remove any burner media and clean unit

2. Remove glass capture panels and optional wind guard (if applicable).

3. Remove frosted glass and clear glass from the light beds, store safely. Remove antenna on double sided.

4. Snip zip ties on front light for single side and both side for see-through.

5. Unscrew front light at silver connector to remove light on single side, both on see-through. Store in safe place.

8. Remove the six $\frac{3}{8}$" nuts from the burner base.

9. Remove the six #10 screw from the burners. Remove the perforated pilot shield from the left burner.

10. Remove four $\frac{3}{8}$" nuts and two #8 screws from the burners with a $\frac{5}{16}$" wrench and remove the burners.

11. Remove the two natural gas orifices with a $\frac{5}{16}$" wrench and replace with the two propane orifices.

6. Remove 3 screws holding light reflector under where zip ties were with a $\frac{5}{16}$" wrench. Lift out and store.

7. Remove 3 screws holding in rear reflector with $\frac{5}{8}$" wrench, lift out and store safely.
12. **APPENDIX A**

16. Remove the #8 screws and air shutters from the burner inlet tubes.

13. Slide the orifice strip so that LP is showing and tighten the pilot barrel. Reattach pilot guards.

17. Slide the Spider Screen over the burner inlet tubes so that it covers the air inlet holes and screw holes.

14. To convert the Pilot from natural gas to propane, turn the pilot barrel ¼ turn counter clockwise with a 7/16” wrench. Take care not to damage the metal orifice strip.

18. Replace the Pilot Shields and install the burners using the same fasteners. The assembled burner should have the same relationship as shown below.

15. Remove existing NG line from gas valve and install the ½” female flare x ¾” male flare connector and the regulator hose on the valve inlet and tighten.

19. The burner must be connected to a propane supply cylinder and leak tested. Open the propane supply cylinder and apply a leak test solution to the Regulator/Hose and the ½” Female Flare x ¾” Male Flare fittings. The leak test solution can be made by adding 1 teaspoon dishwashing liquid to ½ cup of tap water. If bubbles appear, shut the propane cylinder valve and tighten the connection. When there are no leaks at the valve inlet, light the burner and apply the leak test solution to the orifice fittings and the corrugated manifold tube.

20. Fill out the information on the conversion label and attach it to the burner base to the right of the control panel. Reattach burner back in case.

21. Connect the Regulator/Hose to the propane cylinder and verify that the burner lights and performs properly.
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