

VULCAN

Pro Series Patio Heater Item#: 61159, 61436



DANGER

FOR YOUR SAFETY: If you smell gas:

1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.



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.



DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



DANGER

Failure to comply with the precautions and instructions provided with this heater can result in death, serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation, and/or carbon monoxide poisoning. Only persons who can understand and follow the instructions should use or service this heater.



WARNING

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



WARNING

FOR OUTDOOR USE ONLY!



ATTENTION

If your patio heater model is equipped with a base weight/sand box, it is strongly recommended that you fill it with sand or fine gravel and attach it securely to the bottom of the heater. In windy conditions, store the heater in a protected area or otherwise secure it. Unsecured heaters can be blown over in moderate to high wind. Damage due to weather or acts of God is not covered under warranty.



WARNING

This product can expose you to chemicals including Carbon Monoxide, Lead, Chromium (hexavalent compounds), Di(2-ethylhexyl) phthalate (DEHP) and Diisononyl phthalate (DINP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NOTE: 1 “AAA” battery (not included) is required for the electronic igniter.



ATTACH YOUR RECEIPT

Keep a copy of your proof of purchase or order confirmation which will be required if you need to contact us about warranty coverage.

Serial No. _____

Purchase Date _____



Questions, problems, missing parts?

Before returning to your retailer, our exceptional customer service is available.

Before returning to your retailer, our exceptional customer service is available.

Call us toll-free at **(800) 561-5550**– Friday 7:30 a.m. – 4 p.m., PST, email us at customercare@jrhome.com

BEFORE YOU BEGIN

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BEFORE YOU BEGIN

Please read and understand this entire manual before attempting to assemble, operate or install this appliance. If you have any questions regarding the product, please call us toll-free at **(800) 561-5550 Monday – Friday, 7:30 a.m. – 4 p.m., PST**, email us at customercare@jrhome.com

This manual contains important information about the assembly, operation and maintenance of this patio heater. General safety information is presented in the first few pages and is also located throughout this manual. Keep this manual for future reference and to educate new users of this appliance. This manual should be read in conjunction with the labeling on the appliance. Safety precautions are essential when any mechanical or propane fuelled equipment is involved. These precautions are necessary when using, storing, and servicing. Using this appliance with the respect and caution demanded will reduce the possibilities of personal injury or property damage. The following symbols shown on page 3 are used extensively throughout this manual. Always heed these precautions, as they are essential when using any mechanical or propane fueled equipment.

SAFETY INFORMATION

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will cause death or serious injury.

DANGER

EXPLOSION—FIRE HAZARD

- Keep solid combustibles, such as building materials, paper, or cardboard a safe distance away from the heater as recommended by the instructions.
- Provide adequate clearances around air openings into the combustion chamber.
- Never use the heater in spaces which do or may contain volatile or airborne combustibles, or products such as gasoline, solvents, paint thinner, dust particles, or unknown chemicals.
- During operation, this appliance can be a source of ignition. Keep heater area clear and free from combustible materials, gasoline, paint thinner, cleaning solvents and other flammable vapors and liquids. Do not use heater in areas with high dust content. Minimum heater clearances from combustible materials: 3 feet (36 inches) from top and 2 feet (24 inches) from sides.
- Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources or where temperatures exceed 120° F (49° C).
- Propane vapors are heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- Never install or remove a propane cylinder while the heater is lighted, near flame, pilot lights, or other ignition sources or while heater is hot to the touch.
- This heater is red hot during use and can ignite flammables too close to the burner. Keep flammables at least 3 feet (36 inches) from top and 2 feet (24 inches) from sides. Keep gasoline and other flammable liquids and vapors well away from heater.
- Store the propane cylinder outdoors in a well ventilated space out of the reach of children. Never store the propane cylinder in an enclosed area (house, garage, etc.). If heater is to be stored indoors, disconnect the propane cylinder for outdoor storage.

DANGER

CARBON MONOXIDE HAZARD

- This heater is a combustion appliance. All combustion appliances produce carbon monoxide (CO) during the combustion process. This product is designed to produce extremely minute, non-hazardous amounts of CO if used and maintained in accordance with all warnings and instructions. Do not block the air flow into or out of the heater.
- Carbon Monoxide (CO) poisoning produces flu-like symptoms, water eyes, headaches, dizziness, fatigue, and possibly death. You can't see and you can't smell it. It is an invisible killer. If these symptoms are present during operation of this product, get fresh air immediately!
- For outdoor use only.
- Never use inside house or other unventilated or enclosed areas.
- This heater consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.

WARNING

WARNING indicates an imminently hazardous situation which, if not avoided, can result in death or serious injury.

WARNING

BURN HAZARD

- Never leave heater unattended when hot or in use.
- Keep out of reach of children.

WARNING

Certain materials or items, when stored under the heater, will be subject to radiant heat and could be seriously damaged.

WARNING: FOR OUTDOOR USE ONLY



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 or home.

WARNING

- This product is fueled by propane gas. Propane gas is invisible, odorless, and flammable. An odorant is normally added to help detect leaks and can be described as having a "rotten egg" smell. The odorant can fade over time so leaking gas is not always detectable by smell alone.
- Propane gas is heavier than air and leaking propane will sink to the lowest level possible. It can ignite by ignition sources including matches, lighters, sparks or open flames of any kind many feet away from the original leak. Use only propane gas set up for vapor withdrawal.
- Store to use propane gas in compliance with local ordinances and codes or with ANSI/NFPA 58. Turn off propane when not in use.
- Alert children and adults to the hazards of high surface temperatures. Stay away from these surfaces to avoid burning skin or igniting clothing.
- Carefully supervise young children when in the vicinity of the heater.
- Do not hang clothing or any other flammable materials from the heater, or place near the heater.
- Replace any guard or protective device removed for servicing the appliance prior to placing back in service.
- Installation and repair should be done by a qualified service person. The heater should be inspected before use and annually be a qualified service person. More frequent cleaning may be required as necessary. It is imperative that the control compartment, burners, and circulating air passageway of the appliance be kept clean.

CAUTION

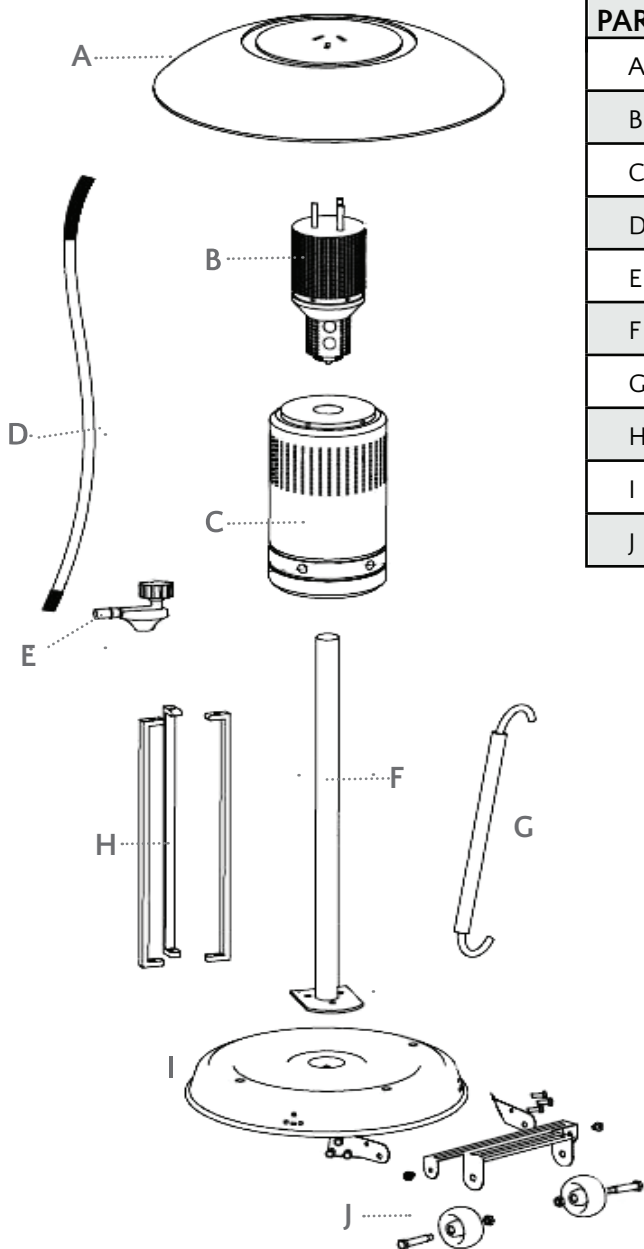
CAUTION indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

CAUTION

SERVICE SAFETY

- Keep all connections and fittings clean. Make sure propane cylinder valve outlet is clean.
- During set up, check all connections and fittings for leaks using soapy water, never use a flame to check for leaks.
- Use as a heating appliance only. Never alter in any way to use with any device.

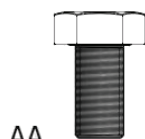
PACKAGE CONTENTS - 61159 (1-pc Reflector)



PART	DESCRIPTION	QUANTITY
A	Reflector	1
B	Head Assembly	1 <i>packed in 1 inner carton</i>
C	Tank Housing	1
D	Gas Hose	1 <i>attached to Head Assembly</i>
E	Regulator	1 <i>packed w/ Head Assembly</i>
F	Post	1
G	Tank Strap (secures cylinder)	1
H	Post Supports	3 <i>packed in 1 inner carton</i>
I	Base (with pre-installed sandbox)	1
J	Wheel Assembly	1 <i>packed w/ Head Assembly</i>



HARDWARE CONTENTS



AA
Bolt M8x16
Qty: 3
pre-assembled in
base



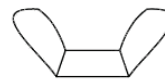
BB
Bolt M6x16
Qty: 6
pre-assembled in
base



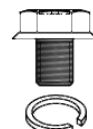
CC
Bolt M6x35
Qty: 6



DD
Nut M6
Qty: 6



EE
Wing Nut M8
Qty: 3



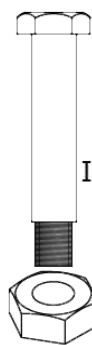
FF
**Bolt M6x12 w/
Lock Washer M6**
Qty: 4



GG
Washer M8
Qty: 3



HH
Washer M6
Qty: 12

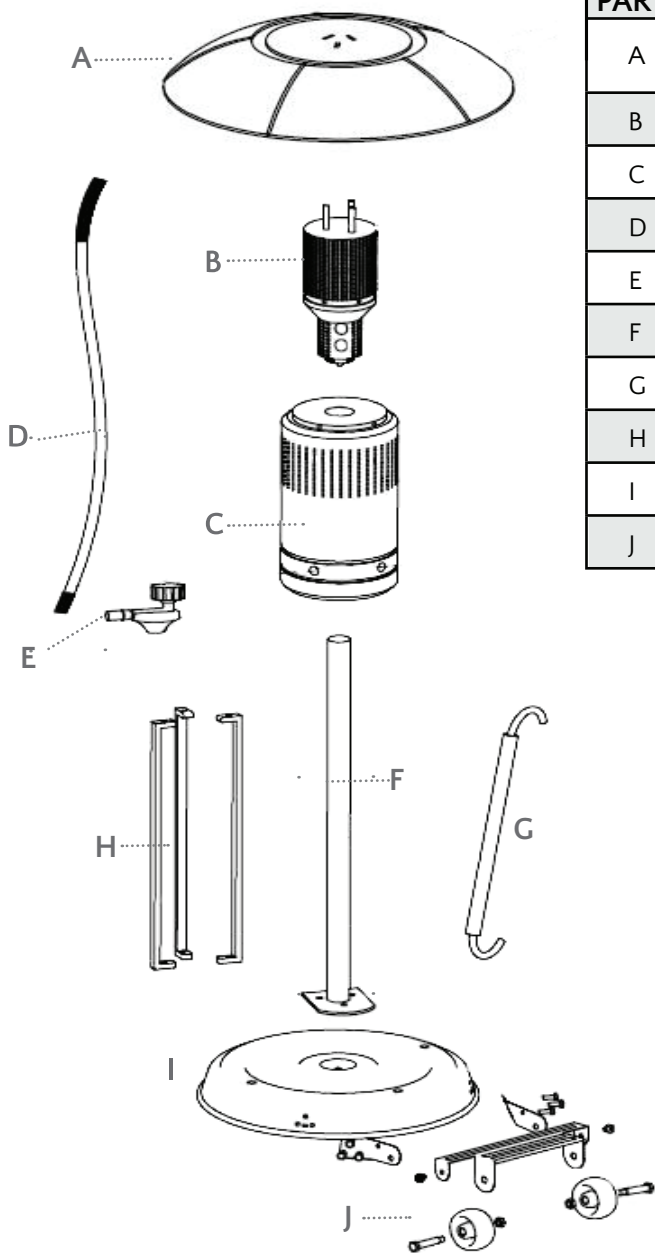


Bolt w/ Nut M8
Qty: 2
pre-assembled in
wheel brackets/
wheels



**Bolt M6x8 w/
Lock Washer M6**
Qty: 2
pre-assembled in
wheel brackets

PACKAGE CONTENTS - 61436 (5-pc Reflector)



PART	DESCRIPTION	QUANTITY
A	Reflector (Panels & Center Cap)	4 panels/1 center cap <i>packed in 2 inner cartons</i>
B	Head Assembly	1 <i>packed in 1 inner carton</i>
C	Tank Housing	1
D	Gas Hose	1 <i>attached to Head Assembly</i>
E	Regulator	1 <i>packed w/ Head Assembly</i>
F	Post	1
G	Tank Strap (secures cylinder)	1
H	Post Supports	3 <i>packed in 1 inner carton</i>
I	Base (with pre-installed sandbox)	1
J	Wheel Assembly	1 <i>packed w/ Head Assembly</i>



HARDWARE CONTENTS



AA
Bolt M8x16
Qty: 3
pre-assembled in
base



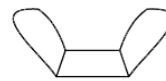
BB
Bolt M6x16
Qty: 6
pre-assembled in
base



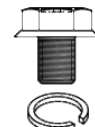
CC
Bolt M6x35
Qty: 6



DD
Nut M6
Qty: 6



EE
Wing Nut M8
Qty: 3



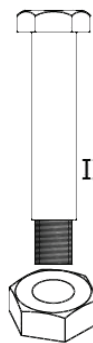
FF
**Bolt M6x12 w/
Lock Washer M6**
Qty: 4



GG
Washer M8
Qty: 3



HH
Washer M6
Qty: 12



Bolt w/ Nut M8
Qty: 2
pre-assembled in
wheel brackets/
wheels



**Bolt M6x8 w/
Lock Washer M6**
Qty: 2
pre-assembled in
wheel brackets

ASSEMBLY



PREPARATION

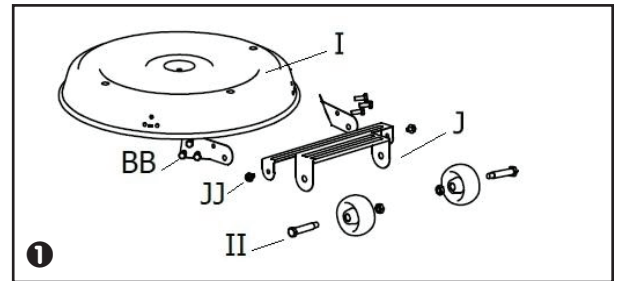
Before beginning assembly of this appliance, make sure all parts are present. Compare all parts with package contents list and hardware contents as listed on previous pages of this manual. If any part is missing or damaged, do not attempt to assemble this product. Contact Customer Service for replacement parts.

ESTIMATED ASSEMBLY TIME: 60 minutes

Tools Required for Assembly (NOT included): • Phillips screwdriver w/medium blade • Adjustable wrench (2)
• Leak test solution (see page 10 for info)

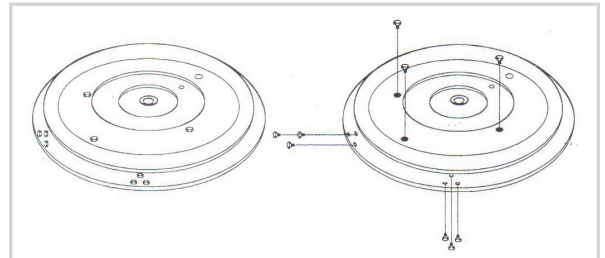
NOTE: This heater has an Electronic Ignition and requires the installation of 1 AAA Battery. The battery should be installed by unscrewing the RED IGNITER BUTTON.

- 1** Loosen and remove **Bolt BB** that comes pre-assembled to the **Base 1**. Then loosen and remove the hardware **II** and **JJ** that is pre-assembled to the **Wheel Brackets** and **Wheels**. First, attach the **Wheel Brackets** to the **Base** by aligning holes in **Wheel Bracket** with corresponding holes in **Base**, and insert 3 **Bolts BB** through holes and hand-tighten. Repeat with second **Wheel Bracket**, then tighten with wrench.



Hardware Used:
6 x **BB Bolt** (M6x16)
2 x **II Bolt w/ Nut** (M8)
2 x **JJ Bolt w/ Lock Washer** (M6x8/M6)

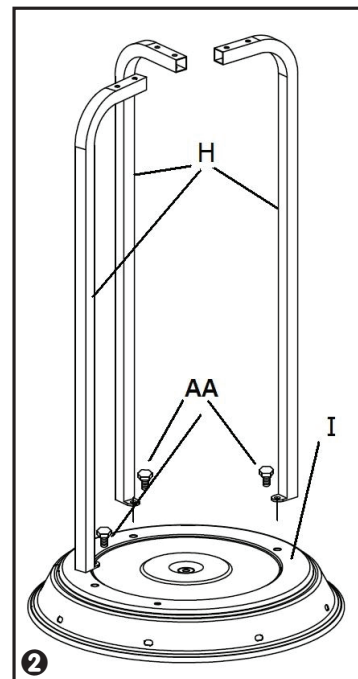
NOTE: 3 each of M8X16mm bolts for Post Support Brackets (**Step 2**) and 6 each of M6X16mm for Wheel Assemblies (**Step 1**) are pre-assembled in the Cylinder Base. Please use this hardware when assembling Step 1 and Step 2 on this page of the instruction manual.



- 2** Attach the **Post Supports 1** to the **Base 1**. Align the holes in the bottom of each **Post Support** with the hole on the **Base**. Insert 1 **Bolt AA** through the hole in the support and into the **Base**, then hand-tighten. Repeat with the other 2 **Post Supports**, but leave hardware slightly loose until next step.



Hardware Used: 3 x **AA Bolt** (M8x16)



- 3** ÉTAPE 3 Fixer le poteau **F** sur les supports de poteau **H**: aligner les trous de la base du poteau avec les trous du haut des supports de poteau et insérer un boulon CC et une rondelle H dans les trous. Glisser une autre rondelle HH dans le boulon et fixer avec un écrou DD. Répéter cette opération dans les 5 autres trous pour un total de 6 trous, soit **2 trous par support de poteau**. Serrer d'abord à la main puis serrer complètement à l'aide d'une clé lorsque toutes les pièces de fixation sont en place.

Serrer maintenant les boulons qui fixent les supports de poteau **I** sur la base à l'aide d'une clé.



Quincaillerie utilisée: 6 x CC Boulon (M6x16)
12 x HH Rondelle (M6)
6 x DD Écrou (M6)

- 4** Insérer le boîtier du réservoir **C** sur le poteau **F** et le faire glisser sur les supports de poteau **H** jusqu'à ce qu'il repose sur la base **I**.

- 5** Fixer l'assemblage de la tête **B** sur le poteau **F** :
- NOTE:** il y a un petit morceau de mousse de protection dans le bout de l'assemblage de la tête qui DOIT être retiré avec de fixer l'assemblage au poteau. Guider le tuyau de gaz **D** dans le poteau et aligner les 4 petits trous de l'assemblage de tête avec les 4 petits trous du poteau.

ASTUCE: Le bouton de contrôle devrait être situé au-dessus de l'étiquette sur le poteau.

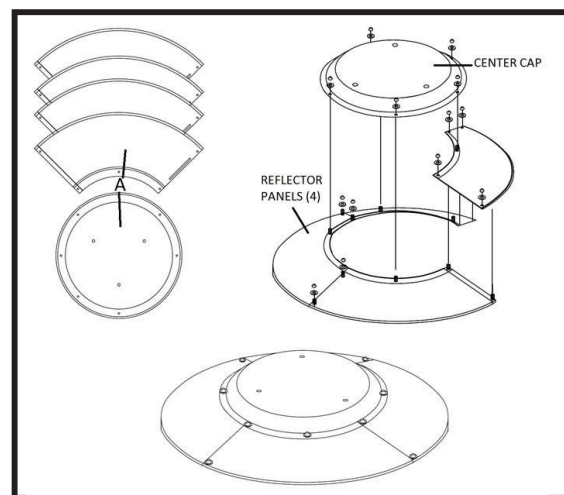
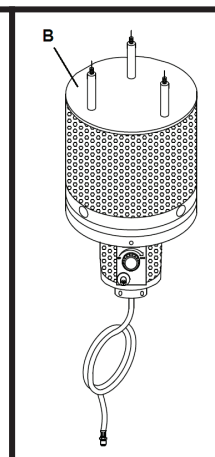
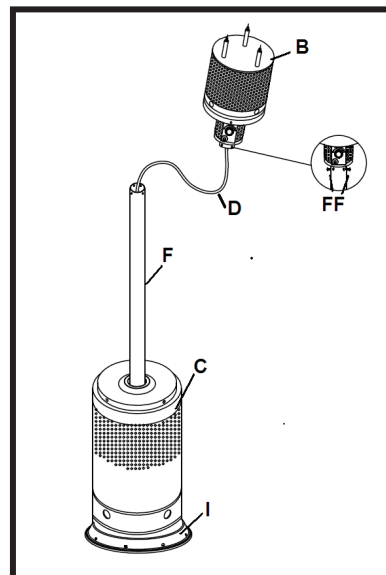
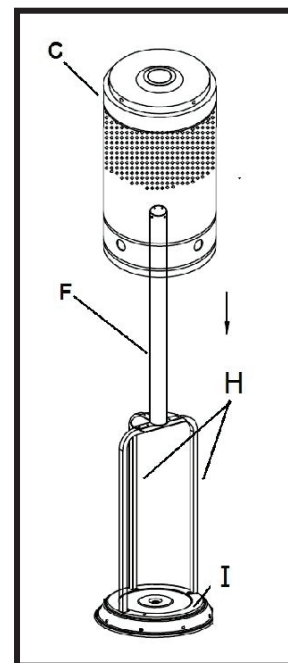
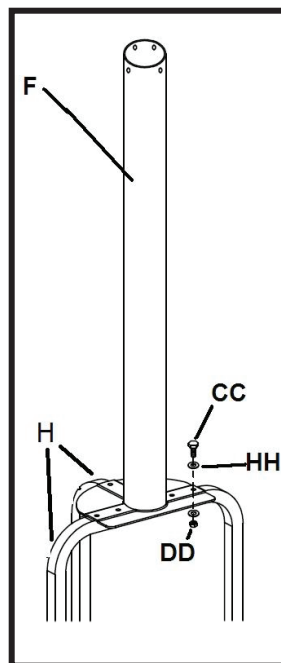
Placer une rondelle de blocage sur chacun des 4 boulons FF et les insérer dans les trous puis serrer.



Quincaillerie utilisée: 4 x FF Boulon /HH Rondelle de blocage (M6x12/M6)

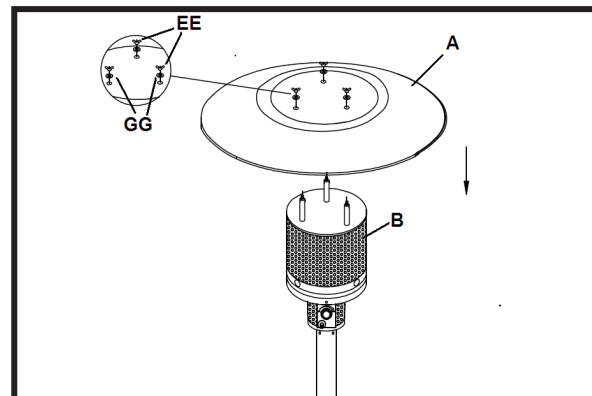
Item 61436 Only:

- 6** *Item 61436 seulement:* Assemblage du réflecteur: les panneaux du réflecteur **A** sont emballés dans 2 boîtes brunes. Chaque boîte contient 2 panneaux. La quincaillerie nécessaire à l'assemblage est déjà fixée sur chaque panneau. Placer 2 panneaux côte à côte. Retirer les 2 écrous à capuchon/rondelles fixés sur 1 des panneaux. Insérer les boulons dans l'ouverture de trous du panneau adjacent. Placer une rondelle sur le boulon et visser sur l'écrou à capuchon. Répéter ces étapes jusqu'à ce que les 4 panneaux soient assemblés. Repérer ensuite le couvercle du réflecteur. Retirer les écrous à capuchon et les rondelles au haut de chaque panneau du réflecteur afin de l'assembler au couvercle du réflecteur. Aligner les trous du couvercle du réflecteur avec les boulons de chaque panneau et placer une rondelle et un écrou à capuchon pour compléter l'assemblage.



ASSEMBLY

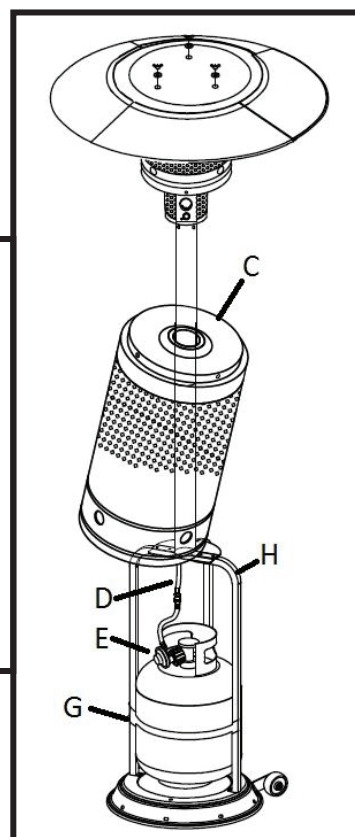
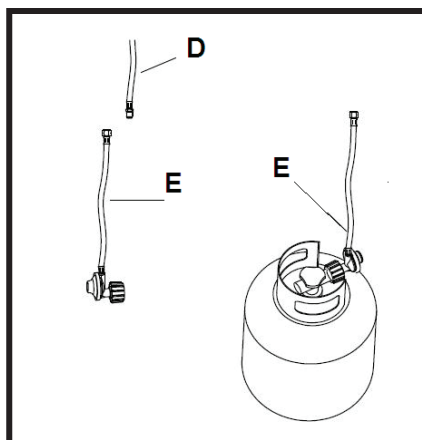
- 7** Install **Reflector**: Support and tilt the heater, or use a step-stool to reach the top of the heater to slide the **Reflector** over the 3 studs that are pre-installed in the top of the **Head Assembly** ⑩. Then place a **Washer** GG over each stud and secure using the 3 **Wing Nuts** EE. After tightening the **Wing Nuts**, return the heater to an upright position.



Hardware Used: 3 x EE Wing Nut (M8)
3 x GG Washer (M8)

- 8** Connect the LPG cylinder (Sold separately. Use a standard 20 lb. propane cylinder only): Lift the **Tank Housing** ④ up and rest it on the top of the assembled **Post Supports** ①. Screw **Regulator** ③ onto the end of the **Gas Hose** ②. (Do not cross-thread.) Hand-tighten, then tighten securely with a wrench. Place LPG tank onto **Base** of heater, and secure LP tank in place by hooking **Tank Strap** ⑤ onto the **Post Supports**. Attach **Regulator** to valve on LPG tank. Lower the **Tank Housing**.

NOTE: Use this heater only with a propane vapor withdrawal supply system. See chapter 5 of the *ANSI/NFPA 58 Liquefied Petroleum Gas Code*, Standard for Storage and Handling of Liquefied Petroleum Gas. Your local library or fire department should have this book.



A minimum supply pressure of .5 psi is required for the purpose of input adjustment of propane gas. Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance. A cylinder must be stored outdoors in a well-ventilated area out of the reach of children. A disconnected cylinder must have dust caps tightly installed and must not be stored in a building, garage, or any other enclosed area. The minimum permissible gas supply pressure of 11 W.C. is required for purpose of hose adjustment. The minimum hourly of 17,500 BTU is required input rating for a heater for automatic operation rating less than full input rating.

The pressure regulator and hose assembly supplied with the appliance must be used.

The installation must conform with local codes, or in the absence of local codes, with national fuel gas code, ANSI Z223.1/NFPA54, natural gas and propane Installation Code, CSA B149.1, or propane storage and handling code, B149.2

A dented rusted or damaged propane cylinder may be hazardous and should be checked by your local cylinder supplier. Never use a propane cylinder with a damaged valve connection. The propane cylinder must be constructed and marked in accordance with the specifications for LPG tanks of the U.S. Department of Transportation (DOT) or the standard for cylinders, spheres and tubes for transportation of dangerous goods and commission, CAN/CSA-B339.

- Do not store a spare LP-gas cylinder under or near this appliance.
- Never fill the cylinder beyond 80 percent full.
- Place the dust cap on the cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.

- The cylinder must have a listed overfilling prevention device.
- The cylinder must have a connection device compatible with the connection for the appliance.
- The cylinder used must include a collar to protect the cylinder valve.
- Never connect an unregulated propane cylinder to the heater.

OPERATING INSTRUCTIONS

LEAK TEST

1. Make 2–3 oz. of leak test solution (one part liquid dish washing detergent and three parts water).
2. Apply several drops of solution where hose attaches to regulator.
3. Apply several drops of solution where regulator connects to cylinder.
4. Make sure all patio heater valves are OFF.
5. Turn cylinder valve ON.



WARNING

- Perform all leak tests outdoors.
- Extinguish all open flames.
- NEVER leak test when smoking
- Do not use heater until all connections have been leak tested and show no signs of leakage.

IF BUBBLES APPEAR AT ANY CONNECTION, THERE IS A LEAK.

1. Turn cylinder valve OFF.
2. If leak is detected at hose/regulator connection, tighten connection and perform another leak test. If bubbles continue to appear, contact Customer Service.
3. If leak is detected at regulator/cylinder valve connection, disconnect, reconnect, and perform another leak test. If you continue to see bubbles after several attempts, cylinder valve is defective. Contact Customer Service.

IF NO BUBBLES APPEAR AT ANY CONNECTION, THE CONNECTIONS ARE SECURE.

Note: Whenever gas connections are loosened or removed, you must perform a complete leak test.



WARNING: FOR OUTDOOR USE ONLY



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 or home.

Caution: Do not attempt to operate this appliance until you have read and understand all Safety Information in this manual and all assembly is complete and leak tests have been performed.

BEFORE TURNING GAS SUPPLY ON:

1. Your heater was designed and approved for **OUTDOOR use only**. Do NOT use it inside a building, garage, or any other enclosed area.
2. Make sure surrounding areas are free of combustible materials, gasoline, and other flammable vapors or liquids.
3. Ensure that there is no obstruction to air ventilation. Be sure all gas connections are tight and there are no leaks.
4. Be sure the cylinder cover is clear of debris. Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

BEFORE LIGHTING:

1. Heater should be thoroughly inspected before each use, and by a qualified service person at least annually. If re-lighting a hot heater, always wait at least 5 minutes.
2. Inspect the hose assembly for evidence of excessive abrasion, cuts, or wear. Suspected areas should be leak tested. If the hose leaks, it must be replaced prior to operation. Only use the replacement hose assembly specified by the manufacturer.

OPERATING INSTRUCTIONS



CAUTION

Do not attempt to operate until you have read and understand all General Safety Information in this manual and all assembly is complete and leak test has been performed.

BEFORE TURNING GAS SUPPLY ON:

1. Your heater was designed and approved for OUTDOOR use only. Do NOT use it inside a building, garage, or any other enclosed area.
2. Make sure surrounding areas are free of combustible materials, gasoline, and other flammable vapors or liquids.
3. Ensure that there is no obstruction to air ventilation. Be sure all gas connections are tight and there are no leaks.
4. Be sure the cylinder cover is clear of debris. Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

BEFORE LIGHTING:

1. Heater should be thoroughly inspected before each use, and by a qualified service person at least annually. If re-lighting a hot heater, always wait at least 5 minutes.
2. Inspect the hose assembly for evidence of excessive abrasion, cuts, or wear. Suspected areas should be leak tested. If the hose leaks, it must be replaced prior to operation. Only use the replacement hose assembly specified by the manufacturer.

LIGHTING:

NOTE: For initial start or after any cylinder change, hold the control knob in for 2 minutes to purge air from all gas lines before proceeding.

NOTE: This heater has an Electronic Ignition and will require installation of 1 – AAA battery. The battery should be installed by unscrewing the RED IGNITER BUTTON.

1. Turn the control knob to the “OFF” position.
2. Fully open the LP cylinder valve.
3. Turn the control knob half way between the small flame and the large flame symbols.
4. Push control knob in and then push the RED igniter button to ignite the main burner. Repeat until the burner ignites. Keep the control knob fully pushed in for an additional 30 seconds after the burner ignites, then release the control knob.
5. To increase the flame, turn the control knob clockwise toward the large flame symbol. To decrease the flame, turn the control knob counter clockwise towards the small flame symbol.
6. To turn the appliance OFF, push down the control knob and turn clockwise to the OFF position.
7. Wait at least 5 minutes before attempting to re-light the heater.
8. Turn the gas cylinder valve to OFF or closed.

If you experience any ignition problems, please consult “Troubleshooting” page. Caution: Avoid inhaling fumes emitted from the heater’s first use. Smoke and odor from the burning of oils used in the manufacturing will appear. Both smoke and odor will dissipate after approximately 30 minutes. The heater should NOT produce thick black smoke.



WARNING

Very hot while in operation!

Never lean over the heater while in use. Do not touch the Burner Assembly while the heater is in operation. Wait until the heater has cooled down after use before moving or touching any surfaces. Failure to comply with these instructions may result in serious bodily injury.



DANGER! FOR OUTDOOR USE ONLY



CARBON MONOXIDE HAZARD

Never use this inside a house, or other unventilated or enclosed areas. This heater consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.

WHEN HEATER IS ON:

Emitter screen will become bright red due to intense heat. The color is more visible at night. Burner will display tongues of blue and yellow flame. These flames should not produce thick black smoke, indicating an obstruction of airflow through the burners. The flame should be blue with straight yellow tops. If excessive flame is detected, turn off heater and consult “Troubleshooting” page.

RE-LIGHTING:

Note: For your safety, control knob cannot be turned OFF without first depressing the control knob and then rotating to OFF.

1. Turn control knob to OFF.
2. Wait at least 5 minutes to allow gas to dissipate before re-lighting.
3. Repeat the “Lighting” steps.

SHUT DOWN:

1. Turn control knob clockwise to OFF while depressing the knob. (Normally, burner will make a slight popping noise when extinguished).
2. Turn cylinder valve clockwise to OFF and disconnect regulator when heater is not in use. **NOTE:** After use, some discoloration of the emitter screen is normal.



Operating Instructions



OPERATION CHECKLIST:

For a safe and pleasant heating experience, perform this check before each use:

BEFORE OPERATING:

- ☐ I am familiar with entire owner's manual and understand all precautions noted.
- ☐ All components are properly assembled, intact and operable.
- ☐ No alterations have been made.
- ☐ All gas connections are secure and do not leak.
- ☐ Wind velocity is below 10 mph.
- ☐ Heater is for use outdoors (outside any enclosure).
- ☐ There is adequate fresh air ventilation.
- ☐ Heater is away from gasoline or other flammable liquids or vapors.
- ☐ Heater is away from windows, air intake openings, sprinklers and other water sources.
- ☐ Heater is at least 36 in. on top and at least 24 in. on sides from combustible materials.
- ☐ Heater is on a hard and level surface.
- ☐ There are no signs of spider or insect nests in heater orifices.
- ☐ All burner passages are clear.
- ☐ All air circulation passages are clear.
- ☐ Clothing or other protective material should not be hung from the heater, or placed on or near the heater.
- ☐ Any guard or other protective device removed for servicing the heater must be replaced prior to operating the heater.
- ☐ Installation and repair should be done by a qualified service person. The heater should be inspected before each use and at least annually by a qualified service person.

OPERATION INFORMATION AND SAFETY:

- Unit will operate at reduced efficiency below 40° F.
- 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 heater.
- More frequent cleaning may be required as necessary. It is imperative that control compartment burner and circulating air passageways of the heater be kept clean and free of debris and/or spider or insect nests.



WARNING

FOR YOUR SAFETY
Heater will be hot after use. Handle with extreme care.



SHUT DOWN:

1. Turn control knob clockwise to OFF while depressing the knob. (Normally, burner will make a slight popping noise when extinguished).
2. Turn cylinder valve clockwise to OFF and disconnect regulator when heater is not in use.

NOTE: After use, some discoloration of the emitter screen is normal.



AFTER OPERATION:

1. Gas control knob is in OFF position.
2. Gas tank valve is OFF.
3. Disconnect gas line.
4. Heater is stored upright in a secure location.

CARE AND MAINTENANCE

To enjoy years of outstanding performance from your heater, make sure you perform the following maintenance activities on a regular basis:

KEEP EXTERIOR SURFACES CLEAN.

1. Use soapy water for cleaning. Never use flammable or corrosive cleaning agents.
2. While cleaning your unit, be sure to keep the area around the burner and control compartment dry at all times. Do not submerge the control valve assembly. If the gas control is submerged in water, do NOT use it. It must be replaced.
3. Air flow must be unobstructed. Keep controls, burner, and circulating air passageways clean. Signs of possible blockage include:
 - Gas odor with extreme yellow tipping of flame.
 - Heater does NOT reach the desired temperature.
 - Heater glow is excessively uneven.
 - Heater makes popping noise.
 - Spiders and insects can nest in burner or orifices. This dangerous condition can damage heater and render it unsafe for use. Clean burner holes by using a heavy-duty pipe cleaner. Compressed air may help clear away smaller particles.
 - Carbon deposits may create a fire hazard. Clean dome and burner screen with warm soapy water if any carbon deposits develop.

Note: In a salt-air environment (such as near an ocean), corrosion occurs more quickly than normal. Frequently check for corroded areas and repair them promptly.



TIP FOR STAINLESS STEEL MODELS:

Use high-quality automobile wax to help maintain the appearance of your heater. Apply to exterior surfaces from the post down. DO NOT apply to emitter screen or domes.



WARNING

FOR YOUR SAFETY

- Do NOT touch or move heater for at least 45 minutes after use.
- Reflector is hot to the touch.
- Allow reflector to cool before touching.

STORAGE:

Between uses:

- Turn control knob OFF.
- Disconnect LP source.
- Store heater upright in an area sheltered from direct contact with inclement weather (such as rain, sleet, hail, snow, dust and debris).
- If desired, cover heater to protect exterior surfaces and to help prevent build-up in air passages. Never leave LPG tank exposed to direct sunlight or excessive heat.

Note: Wait until heater is cool before covering.

SERVICE:

Only a qualified service person should repair gas passages and associated components.

Caution: Always allow heater to cool before attempting service.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Main burner will not light	Gas valve may be off	Turn gas valve ON
	Fuel tank may be empty	Refill LPG tank
	Orifice blocked	Clean or replace orifice
	Air in supply system and/or new cylinder / first ignition	Purge air from lines: open gas lines and depress control knob for 2-3 minutes. Allow gas to dissipate before attempting to light.
	Loose connection	Check all fittings
	Igniter fails	Use stick lighter to manually light
	Gas pressure low with valve open full	Replace cylinder or regulator
	AAA Battery behind igniter button is dead	Replace with new AAA battery
	Cylinder valve on, no gas flow	Replace hose/regulator assembly
Low burner flame	Pressure is low	Replace LPG tank
	Tank is low on fuel	Fill LPG tank
	Gas hose is kinked	Check and straighten or replace
Burner unit	Carbon on reflector and emitter screen	Clean components as needed
	Thick black smoke	Blockage in burner assembly—thoroughly clean burner

Paramount

SeasonGuard
Plus

patioflare

elements
une touche d'innovation à toutes les pièces de votre maison

GrapeVine

JR HOME
COLLECTION

Extend Your Warranty By Leaving A Review

We want your opinion about your purchase...and we want you to tell everyone about it!

Just leave a review for the product on the retailers website where you made your purchase, or at www.jrhome.com, and fill in the online warranty at www.jrhome.com/warranty-registration within 30 days of purchase to receive a complimentary extra year of warranty protection.

Follow us on:



www.jrhome.com #jrhome

IMPORTANT

For questions, concerns or problems with our product please email our customer service department:

customercare@jrhome.com

DATED PROOF OF PURCHASE REQUIRED FOR WARRANTY SERVICE

Si vous éprouvez des difficultés ou si vous avez des questions ou des préoccupations, prière de faire parvenir un courriel à notre service à la clientèle

customercare@jrhome.com

UNE PREUVE D'ACHAT DATÉE EST REQUISE POUR SE PRÉVALOIR DE LA GARANTIE.

WARRANTY

This product is inspected, tested and carefully packaged to minimize the chance of damage during shipment. If a part (excluding light bulbs, glass and fuses*) within one year from the date of purchase proves to be defective in material or fabrication under normal use, the part will be repaired or replaced. The Company's obligation under the warranty is to replace or repair defective parts at our discretion. Any expenses or damage resulting from the installation, removal or transportation of the product will be the responsibility of the owner and are not covered by this warranty. The owner assumes all other risks arising from the use or misuse of the product. The warranty will be void if the product damage or failure is deemed by the Company to be caused by accident, alteration, misuse, abuse, incorrect installation or removal, or connection to an incorrect power source by the owner. The Company neither assumes, nor authorizes any person or entity to assume for it any obligation or liability associated with its products. Light bulbs and fuses are not covered under this warranty. If you have any questions regarding the warranty or service, please contact us at **customercare@jrhome.com**.

Customer Service :

JR Home Products

Unit 306 - 19100 Airport Way, Pitt Meadows, BC V3Y 0E2

Toll Free : 1-800-561-5550

E-mail : **customercare@jrhome.com**

You MUST register your product within 30 days of purchase to receive warranty service.

Registration can be completed online at www.jrhome.com or by mailing this form.

AVERTISSEMENT

Ce produit a été soigneusement inspecté, testé et emballé afin de minimiser les risques de dommages durant le transport. Si l'une des pièces (à l'exception des verres, des ampoules électriques et des fusibles*) s'avère défectueuse au niveau de sa fabrication ou de ses matériaux dans l'année qui suit la date de l'achat suite à une utilisation normale, la pièce sera réparée ou remplacée. La compagnie est tenue de réparer ou remplacer les pièces défectueuses à sa discrétion, en vertu de la garantie. Tous frais ou dommage résultant de l'installation, du démantèlement ou du transport du produit demeurent la responsabilité du client et n'est pas couvert par cette garantie. Le client assume tout autre risque résultant de l'utilisation correcte ou fautive du produit. La garantie devient nulle si la compagnie détermine que le dommage ou le mauvais fonctionnement est causé par un accident, une modification, une mauvaise utilisation, un abus, une mauvaise installation ou un mauvais démantèlement ou un branchement à une source électrique inadéquate de la part du client. La compagnie n'est pas responsable et n'autorise quiconque, personne ou entité légale, à accepter de responsabilité ou obligation en son nom, en rapport avec ses produits. * Les ampoules électriques et les fusibles ne sont pas couverts par cette garantie. Pour toute question au sujet de la garantie ou du service, contacter le service à la clientèle à : **customercare@jrhome.com**.

Service à la clientèle:

JR Home Products

Unit 306 - 19100 Airport Way, Pitt Meadows BC V3Y 0E2 Numéro

sans frais: 1-800-561-5550

Courriel: **customercare@jrhome.com**

Vous DEVEZ enregistrer votre produit dans les 30 jours suivant l'achat pour bénéficier du service de garantie.

L'enregistrement sera complet une fois que vous aurez posté ce formulaire ou que vous serez inscrit en ligne.

Warranty Registration Information Form / Formulaire d'enregistrement de la garantie

Name / Nom : _____

Street / Adresse : _____

City / Ville : _____

Province / Province : _____

Postal Code / Code postal : _____

Daytime Phone # / No téléphone jour : _____

Evening Phone # / No téléphone soir : _____

E-Mail Address / Courriel : _____

Product/Produit : _____

Place of Purchase / Lieu de l'achat : _____

Date of Purchase / Date de l'achat : _____

Model # / No de modèle : _____

Serial # / Numéro de série : _____

You MUST register your product to receive warranty service.

For warranty service, contact J&R Home Products at the address, phone numbers listed below within 30 days of purchase. Be sure to have your sales receipt and original date of purchase. All warranty service will be coordinated by J&R Home Products service center.

Vous DEVEZ enregistrer votre produit pour vous prévaloir de la garantie.

Afin de faire valoir la garantie, communiquez avec J&R Home Products à l'adresse et aux numéros indiqués ci-dessous dans les 30 jours suivant la date d'achat. Ayez en main votre reçu et la date d'achat. Toutes les demandes liées aux garanties seront traitées par le centre de service de J&R Home Products.