

Paramount

Item# : PH-NG103

Model# : KLD7002S,KLD7002SS

NATURAL GAS PATIO HEATER INSTRUCTION MANUAL



For customer service, parts
or warranty issues:
Call 1-800-561-5550 or email
customercare@jrhome.com

⚠ DANGER

If you smell gas:

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

⚠ WARNING

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

NOTE: Please retain these instructions for future use

⚠ WARNING: For outdoor use only



Conforms to ANSI
STD Z83.26a-2008
Certified to CSA
STD 2.37a-2008

Intertek
5000199

FOR OUTDOOR USE ONLY | USES NATURAL GAS ONLY
PLEASE READ INSTRUCTIONS CAREFULLY BEFORE ASSEMBLY
Made in China

FOR OUTDOOR USE ONLY
PLEASE READ INSTRUCTIONS CAREFULLY BEFORE ASSEMBLY
RETAIN THIS MANUAL FOR REFERENCE

For customer service, parts
or warranty issues:
e-mail: customercare@jrhome.com



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.



FOR OUTDOOR USE ONLY

NOTE :

Operating pressure:7.0" W.C.

Do not use if the environment temperature is below 40 degrees F / 4.4 degrees C.

NOTE: PLEASE READ THE FOLLOWING SAFETY RULES

WARNING:

This heater must only be used outdoors. Using this product in an enclosed area may cause injury, death or property damage.

Only use in a well-ventilated space. Do not use in a building, garage, or any other enclosed area.

Read the instructions before use. This heater must be installed in accordance with local codes or, in the absences of local codes, with the National Fuel Code, ANSI Z223.1. If applicable, the heater, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with The National Electrical Code, ANSI/NFPA70.

Do not use the heater in an explosive atmosphere. Keep the heater away from areas where gasoline or other flammable liquids or vapors are stored.

Prior to use, check for damaged parts such as hoses, regulators, or burner .

Do not attempt to alter this heater in any manner. EXAMPLE: Using the heater without the top canopy reflector or radiant screen.

Do not shorten the burner post assembly.

Do not use this heater in basements or below ground level. It must always be placed on a solid and level surface.

Always ensure there is ample fresh air ventilation. For outdoor use ONLY.

Never replace or substitute the regulator with any regulator other than the factory suggested replacement.

Do not clean the heater with cleaners that are combustible or corrosive.

All leak tests should be done with a soapy solution. NEVER USE AN OPEN FLAME TO CHECK FOR LEAKS.

At least once a year, the unit should be inspected for the presence of spiders, spider webs or other insects.

CHECK THE HEATER IMMEDIATELY IF ANY OF THE FOLLOWING EXIST:

1. The smell of gas in conjunction with extreme yellow colored tips of the burner flames.
2. The heater does not reach temperature.
3. The burner makes a popping noise during use (a slight popping noise is normal when the burner is extinguished after using).



Children and adults should be aware of 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 area of the heater.

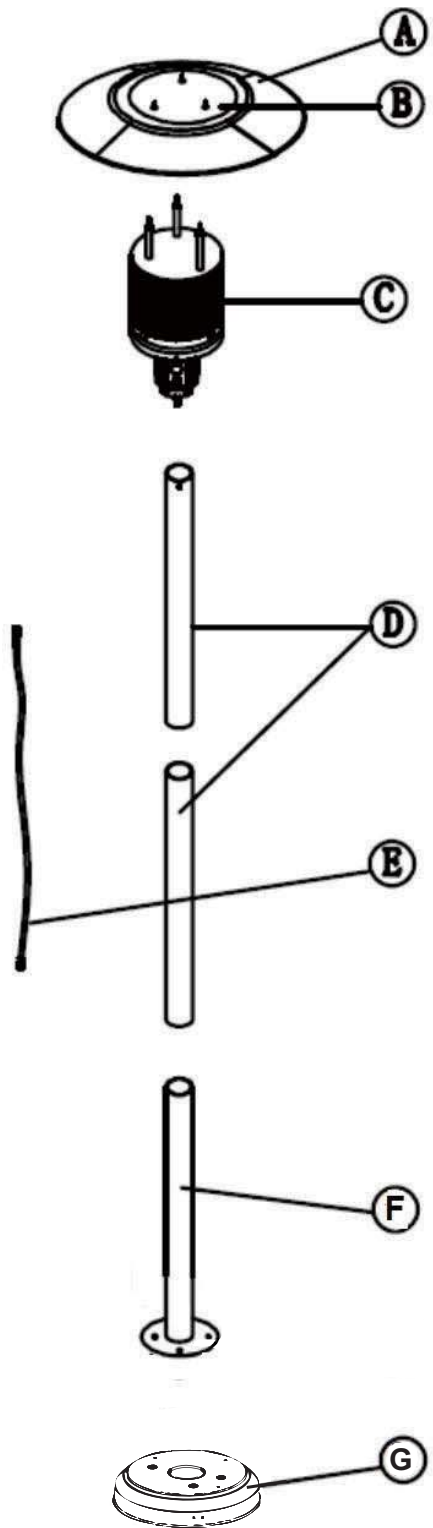
Clothing or other flammable material should not be hung from the heater, or placed on or near the heater.

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 use and cleaning may be required at least once a year, or as necessary. It is imperative that the control compartment, burner and circulating passageways of the heater are kept clean.

Keep the heater area clear of combustible materials such as gasoline and other flammable vapors and liquids.

Do not obstruct the flow of combustion and ventilation air.



PART	DESCRIPTION	QTY
A	Reflector Panel	4 pcs
B	Reflector Center Cap	1
C	Head Assembly	1
D	Main Post	2
E	Gas Hose	1 (attached to Head Assembly)
F	Lower Post	1
G	Base Cover	1

Tools needed:








- Open end wrench 10 & 13mm (included)

NOT included:

- Adjustable opening wrench 8" long
- Philips screwdriver w/ medium blade
- Spray bottle of soapy solution for leak testing
- Drill and/or large Rubber Mallet (used for fixing base to the ground)

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.

HARDWARE

PART NUMBER	PART NAME	PICTURE	QUANTITY
A	Wing Nuts		3
B	M8 Washer		6
C	Bolt		3
D	M8 Nut/Washer		4
E	M8 x 110 Expandable Bolt		4
F	Anchoring Pin		4
G	M6 Nut		12

1. To protect your heater from strong winds, it is best to anchor the base securely to the ground. There are two methods you may use to secure the base.

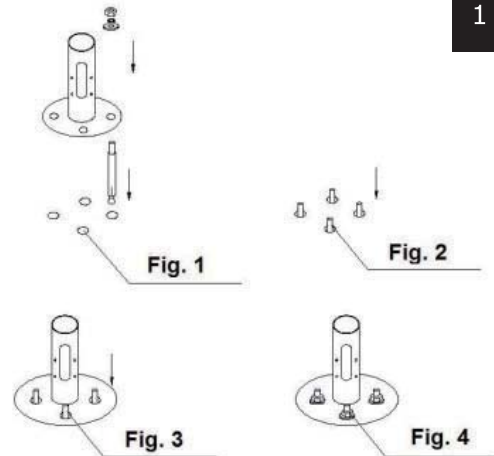
OPTION A (for solid ground such as concrete):

Using the holes in the base as a template, drill 4 - 12.5-13mm diameter holes (1/2") that are at least 300mm (4") deep. **Fig. 1**

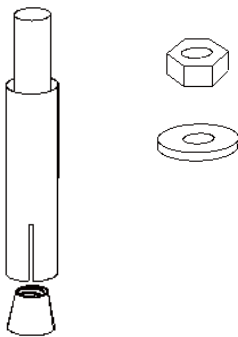
Then insert the expandable bolts (4 pcs) into the holes. **Fig. 2**

Slide the base down over the expandable bolts. **Fig. 3**

Affix the base to the expandable bolts using the M8 nut / washers. **Fig. 4**



Hardware Used: 4 - M8x110 expandable bolts, 4 - M8 nut / washer

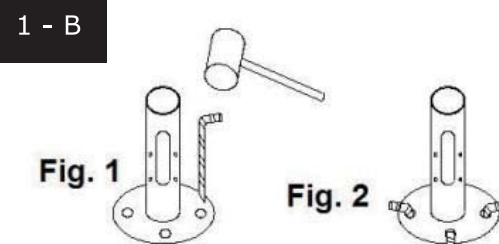
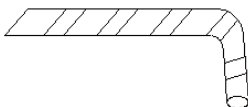


OPTION B (for soft ground such as soil):

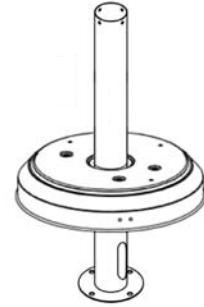
Set the base in the desired location. Insert anchoring pin through hole in base and using a rubber mallet tap the anchoring pin into the soil. **Fig. 1**

Repeat with the other 3 - anchoring pins to secure the base to the soil. **Fig. 2**

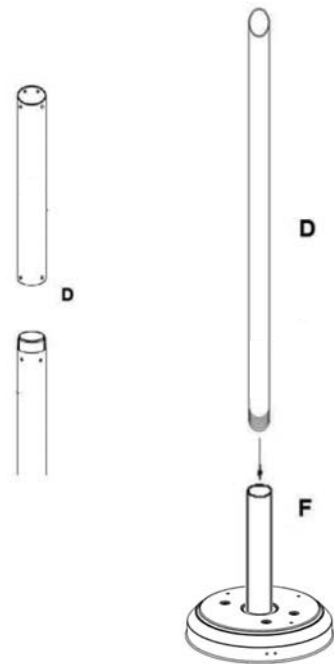
Hardware Used: 4 - Anchoring Pins



2. Slide the base cover (H) over the lower post (F) and base (G).



3. Screw the 2 pcs of main post together.



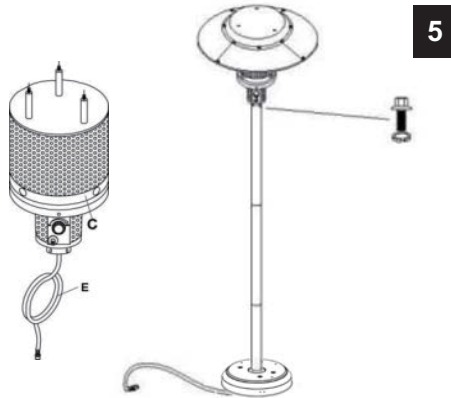
Paramount

ASSEMBLY

5. Route natural gas hose (E) down into main/lower post assembly (D) by first removing the large end of the quick connector, the yellow cap and safety papers.

Note: there is a small piece of protective foam located in the neck of the heat assembly that MUST be removed prior to attaching head assembly to the upper post.

Hardware Used: 4 -M6x12 Bolt



Guide the hose through the main post (D) from the top and out the hole in the side of the main post base.



Guide the hose through the exit hole on the base.



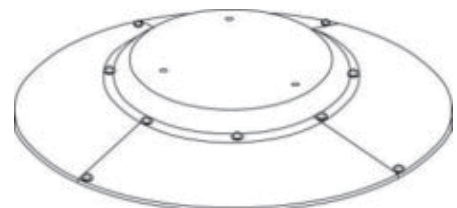
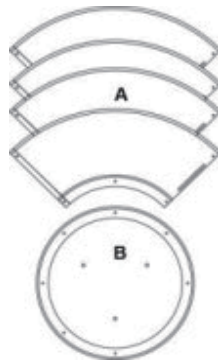
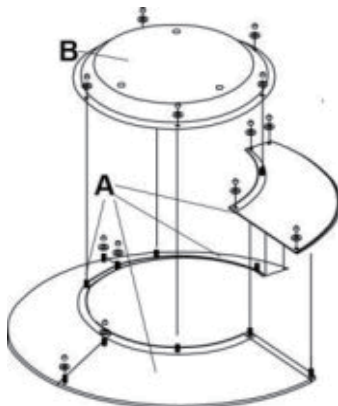
Replace the large part of the quick connect, the yellow cap and the safety papers.

Align 4 small holes on head assembly with 4 small holes in main post (F).



6. Assemble reflector panels (A) with reflector center cap (B). Place 2 panels side by side and connect with bolts and nuts. Repeat these steps until all four panels are assembled, then locate the reflector center cap, and use bolts and nuts to connect each panel to complete assembly.

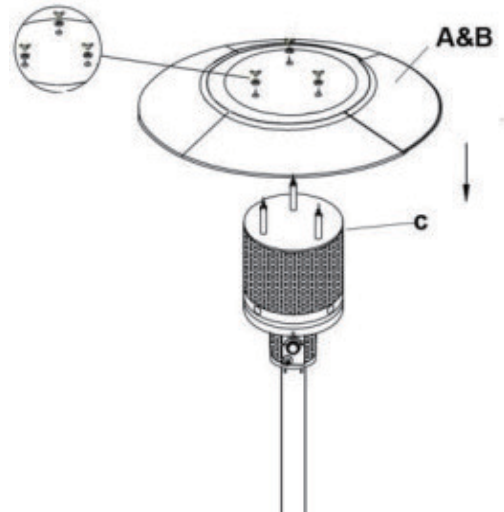
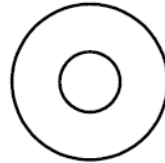
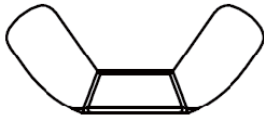
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7. While supporting heater, tilt the head assembly (C) and slide the assembled reflector over the 3 bolts that extend from the head assembly. Use 3 M8 wing nuts and 3 M8 washers to secure the assembled reflector to the head assembly of the heater. Once you have tightened the wing nuts, return the heater to an upright position.

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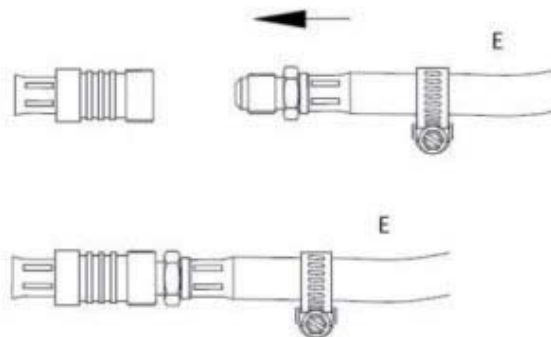
Hardware Used: 3 - M8 wing nuts
3 - M8 Washers



8. Connect the hose and regulator (from the natural gas company) to the natural gas outlet. The natural gas is obtained from your natural gas supply company. Use a standard 7" WC natural gas only.

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NOTE: Use this heater only with natural gas supply system. See chapter 5 of the standard for storage and handling of liquefied petroleum gas, ANSI/NFPA 58. Your local library or fire department should have this book.



A minimum supply pressure of 7" W.C. is required for the purpose of input adjustment of natural gas. Storage of an appliance indoors is permissible only if the source is disconnected and removed from the appliance. A gas source must be stored outdoors in a well-ventilated area out of the reach of children. A disconnected gas source 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 7" W.C. is required for purpose of hose adjustment.

The pressure regulator and hose assembly used with the appliance must be in accordance with your gas source supplier.

Natural gas source may be hazardous and should be checked by your gas supplier. Never use natural gas source with a damaged valve connection.

The natural gas source must be constructed and marked in accordance with the specifications for gas source supplier 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 natural gas source under or near this appliance.
- Place the dust cap on the gas source valve outlet whenever the source is not in use. Only install the type of dust cap on the natural gas valve. Other types of caps or plugs may result in leakage of propane.

OPERATING INSTRUCTIONS

Leak Test

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.



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

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

1. Turn natural gas valve OFF.
2. If a leak is detected at hose regulator connection, tighten connection and perform another leak test. If bubbles continue to appear, call our customer service department.

3. A leak is detected at regulator/gas source valve connection, disconnect, reconnect, and perform another leak test. If you continue to see bubbles after several attempts, call our customer service hotline.

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 natural gas cover is clear of debris. Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

Before Lighting :

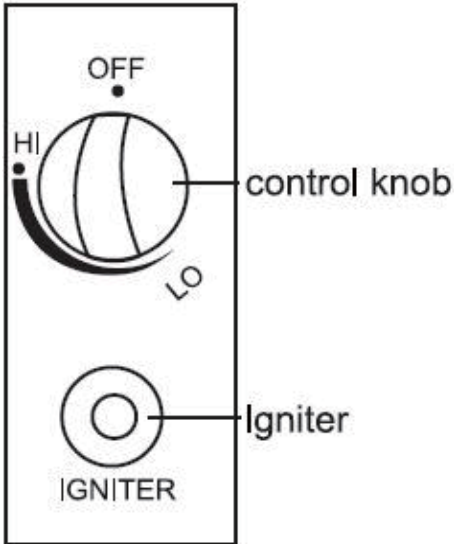
1. Heater should be thoroughly inspected before each use, and by a qualified service person at least annually. If re-lighting a hot heater, always wait at least 5 minutes.
2. Inspect the hose assembly for evidence of excessive abrasion, cuts, or wear. Suspected areas should be leak tested. If the hose 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 changing any natural gas source, 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 gas source 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 natural gas source valve to OFF or closed.



If you experience any ignition problems, please consult "Troubleshooting" on page 14.

Caution: Avoid inhaling fumes emitted from the heaters 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: for outdoor use only



FOR YOUR SAFETY

Be careful when attempting to manually ignite this heater. Holding in the control knob for more than 10 seconds before igniting the gas will cause a ball of flame upon ignition.

WARNING: for outdoor use only



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 natural gas source valve clockwise to OFF and disconnect regulator when heater is not in use.

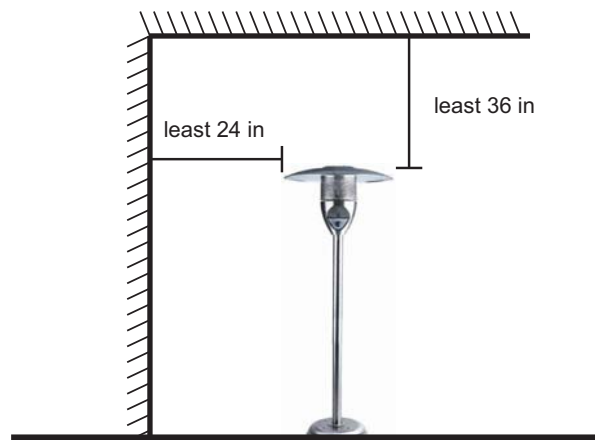
NOTE: After use, some discoloration of the emitter screen is normal.

Operation Checklist:

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

Before Operating:

1. I am familiar with entire owner's manual and understand all precautions noted.
2. All components are properly assembled, intact and operable.
3. No alterations have been made.
4. All gas connections are secure and do not leak.
5. Wind velocity is below 10 mph.
6. Unit will operate at reduced efficiency below 40 degrees F.
7. Heater is for use outdoors (outside any enclosure).
8. There is adequate fresh air ventilation.
9. Heater is away from gasoline or other flammable liquids or vapors.
10. Heater is away from windows, air intake openings, sprinklers and other water sources.
11. Heater is at least 36 in. on top and at least 24 in. on sides away from combustible materials.
12. Heater is on a hard and level surface.
13. There are no signs of spider or insect nests in heater orifices.
14. All burner passages are clear.
15. All air circulation passages are clear.
16. Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
17. Young children should be carefully supervised when they are in the area of the heater.
18. Clothing or other protective material should not be hung from the heater, or placed on or near the heater.
19. Any guard or other protective device removed for servicing the heater must be replaced prior to operating the heater.
20. 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.
21. 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.



After Operation:

1. Gas control knob is in OFF position.
2. Gas valve is OFF.
3. Disconnect gas line.

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.

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.

Storage:

Between uses:

- Turn control knob OFF.
- Disconnect natural gas 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.

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.

If you have any questions regarding this product, please call our customer service hotline.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Main burner will not light	Gas valve may be off	Turn gas valve ON
	Orifice blocked	Clean or replace orifice
	Air in supply system	Purge air from lines. Open gas lines and depress control knob for 2-3 mins.
	Loose connection	Check all fittings
	Igniter fails	Use stick lighter to manually light
	Gas pressure low with valve open full	Replace gas source supplier regulator
	New cylinder or 1st ignition	Purge air from lines
	Natural gas source valve on, no gas flow	Replace hose/regulator assembly
	AAA Battery behind igniter button is dead	Replace with a new AAA Battery
Low burner flame	Pressure is low	Replace gas source supplier regulator
	Gas hose is kinked	Check & straighten or replace
	Control knob at max	Check for obstruction at passageways and orifices
Burner unit	Carbon on reflector & emitter screen	Clean components as needed
	Thick black smoke	Blockage in burner assembly--thoroughly clean burner

IMPORTANT

For questions, concerns or problems with our product please email our customer service department: **customercare@jrhome.com** or call 1-800-561-5550.
DATED PROOF OF PURCHASE REQUIRED FOR WARRANTY SERVICE.

WARRANTY

This product is inspected, tested and carefully packaged to minimize the chance of damage during shipment. If a part (excluding light bulbs 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 call our toll free number: 1-800-561-5550.

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 to receive warranty service.
Registration can be completed online at www.jrhome.com or by mailing this form.

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

Name / Nom: _____

Street / Address: _____

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.

Please mail to / Veuillez poster le tout à : Parts & Service Department, J&R Home Products Ltd. Unit 306 - 19100 Airport Way, Pitt Meadows, BC V3Y 0E2