

Paramount

PATIO HEATER INSTRUCTION MANUAL

Item # LIP-10-TGG-HS,L10-SS-PP,
PH-S-112-MK,L10-SS-BK P
Model # KLD7002S,KLD7002SS



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

Intertek
5000199

For customer service, parts
or warranty issues:
Call 1-800-561-5550 or e-mail
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 firedepartment

⚠ WARNING

Do not store or use gasoline or other flammable vapours or 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

NOTE: Please retain these instructions for future use

⚠ WARNING: For outdoor use only

FOR OUTDOOR USE ONLY | USES PROPANE LPG ONLY
PLEASE READ INSTRUCTIONS CAREFULLY BEFORE ASSEMBLY
Made in China

Tools and parts needed for assembly



DANGER



CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odour.

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.

⚠ 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.

WARNING : For Outdoor Use Only

LPG Cylinders to be used must be constructed and marked in accordance with US DOT specifications. Storage of the heater indoors is permissible only if the gas cylinder is turned off and removed.

NOTE:

Use only 20lb LP-Gas tank with size of 18.1in / 46cm(Height)*12.5in / 32cm (Width).

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

The LP gas cylinder to be used must be provided with a listed overfilling prevention device.

Do not store a spare LP-gas cylinder under or near this appliance.

Never fill the cylinder beyond 80 percent full.

The gas pressure regulator provided with this appliance must be used. This regulator is set for an outlet pressure of 11 inches water column.

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

PRECAUTIONS

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 absence 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 .

Turn off and disconnect LPG cylinder before moving the heater.

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.

Do not paint radiant screen, control panel, or top canopy reflector.

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

The LPG cylinder should be turned off when the heater is not in use.

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

PRECAUTIONS

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.

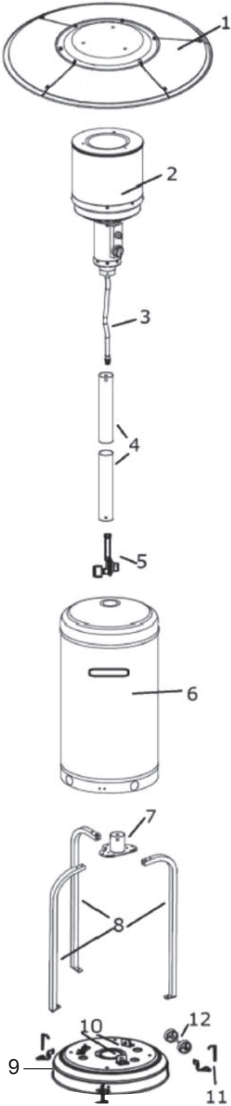
Keep the heater area clear of combustible materials such as gasoline and other flammable vapors and liquids.

Do not obstruct the flow of combustion and ventilation air.

Keep the ventilation opening of the LPG cylinder enclosure free and clear of debris. Storage of a heater indoors is permissible only if the LPG cylinder is turned off, disconnected and removed from the heater.

Cylinders must be stored outdoors in a well-ventilated area out of the reach of children. Disconnected cylinders must have threaded valve plugs tightly installed, and must not be stored in a building, garage or any other enclosed area.

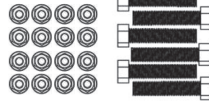
ASSEMBLY



1	Reflector	4 outer pcs and 1 center cap
2	Head Assembly	1
3	Gas Hose	1 pc (attached to head assembly)
4	Post Assembly	2 pcs
5	Regulator	1
6	Tank Housing	1
7	Post Support	1
8	Support Legs	3 pcs
9	Base	1
10	LPG Cylinder Holder	3
11	Anchoring Arms/Pins	3
12	Wheel Assembly	1 pc (hardware is pre-assembled to wheel assembly)



M4x10 screw x 4pcs



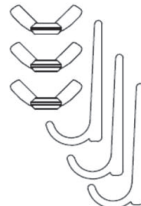
M6 flange nut x 12pcs
M6 x 30 screw x 6pcs



M8x16 washer x 6pcs



Wrench x 1 pc



Wing Nut x 3 pcs
Anchoring pins x 3 pcs



M6x12 screw x 10pcs



Reflector studs (Barrel bolts), x 3 pcs

ATTACHING WHEEL ASSEMBLY

Step 1

1-1. Locate Wheel Assembly (17) and 2 nuts/bolts contained in plastic bag with Wheel Assembly (Fig. 1).

Fig. 1



Step 2

2-1. Turn Base (15) so that holes for attachment of Wheel Assembly are facing you (Fig. 2).

Fig. 2



2-2. Align holes in Wheel Assembly (17) with holes on Base (15) (Fig. 3). Insert bolts through both sets of holes and secure nuts on end of bolt (Fig. 4).

Fig. 3



Fig. 4



Step 3

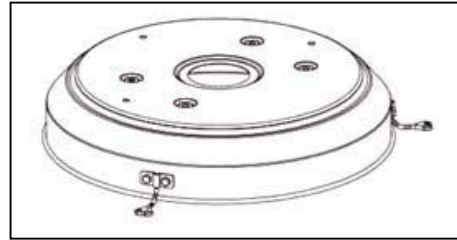
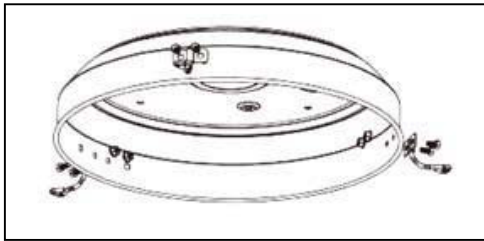
3-1. Wheel Assembly (17) should now be attached to Base (15) as shown (Fig. 5).

Fig. 5

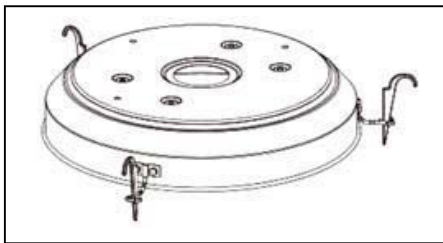


ASSEMBLY

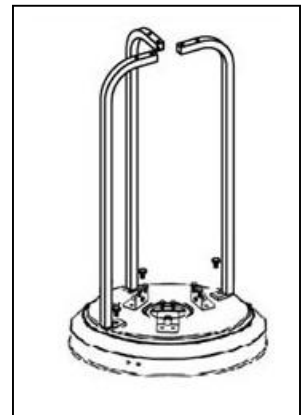
2. Attach one Anchoring Arm to Base (9) with 2 - M6x12 Screws , M6 Flange nut as shown below (repeat with the other 2 anchoring arms so all 3 are attached to Base). ***NOTE: Only 2 Anchoring Arms can be used in conjunction with the Wheel Assembly. Anchoring Arms are located in plastic bag with LPG cylinder fixed parts.***



Once heater is completely assembled, if you wish to anchor heater to ground, insert Anchoring Pins through Anchoring Arms and directly into ground as shown.

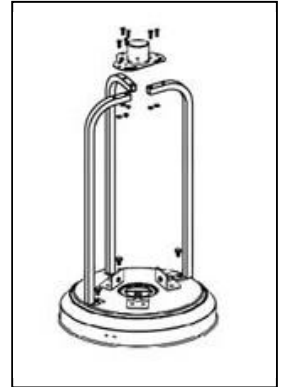


3. Attach the LPG Cylinder Holders (10) to the Base (9) using 3 - M8x12 screws, 3 - M8 nuts (***NOTE: The hardware for this assembly is located in a plastic bag with the holders.***). Then align the Support Legs (8) with the holes in the Base and insert 1 - M8x16 Screw through the hole in Support Leg and into Base and hand tighten to secure Support Leg to Base (***NOTE: The M8x16 Screws are also located in the plastic bag with the cylinder holders.***) Repeat until all 3 Support Legs are attached to the Base. Once all 3 are assembled, tighten the screws with a wrench. Adjust the M8x45 Screw that comes pre-assembled in the LPG Cylinder Holders to secure the LPG Cylinder (see Step 9.)

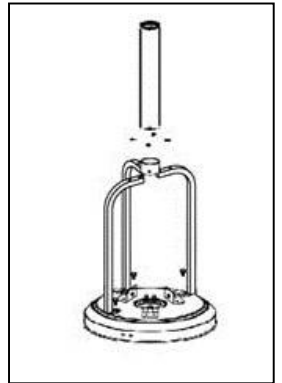


ASSEMBLY

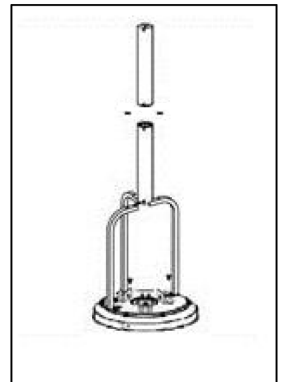
4. Place the Post Support (7) on top of the 3 assembled Support Legs and align the holes in the Post Support with the holes in the Support Legs. Insert 2 - M6x30mm Screws through the two holes in Support Post and through M6 Washer then through hole in Support Leg and affix a 6mm Nut to the screw. Repeat with 4 remaining M6x30mm Screws, 6M Washers and 6mm Nuts. Hand tighten initially then tighten with a wrench when all bolts have been inserted.



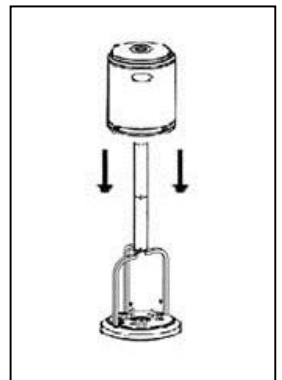
5. Attach the lower piece of the Post Assembly (4) to the Support Post using 4 - M6x10mm Screws.



6. Attach the upper pole with the lower pole using 4 - M4x10mm screws



7. Place Tank Housing (6) onto Base (9). Slide Tank Housing over the assembled Upper/Lower Post and down over the Post Supports. Rest Tank Housing on Base.

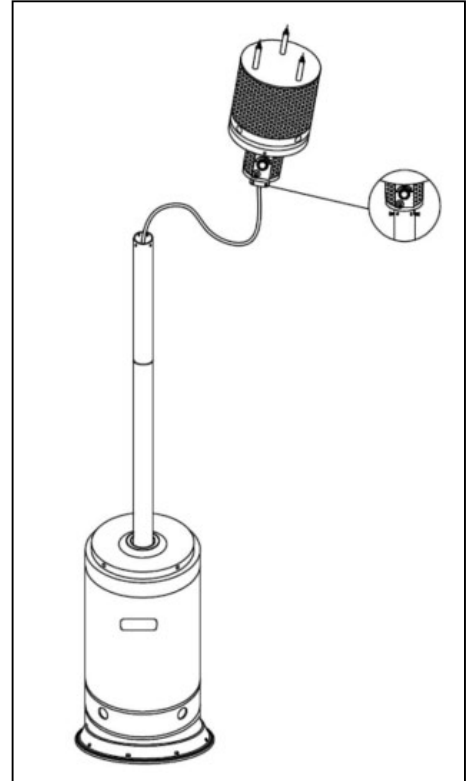


ASSEMBLY

8. Screw the 3 Barrel Bolts into the holes located on the top of the Head Assembly (2). Hold the Head Assembly over the assembled Post and route the Gas Hose (3) down into the Post. Rest the Head Assembly on the top of the Post and align 4 small holes on Head Assembly with 4 Small holes in Upper Post.

[HINT: Control Knob should be above decal on post.]

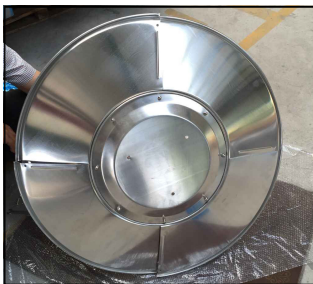
Secure the Head Assembly to the Post with 4 - M6x10mm Bolts that come pre-assembled in the Head Assembly.



9. Reflector (1) is comprised of 4 - outer pieces and 1 - center piece. Locate all 5 pieces of the Reflector which are wrapped in bubble wrap. Unwrap and remove all pieces and peel off the protective blue plastic on each piece. Locate 12 bolts and 12 cap nuts in the plastic bag. Align the 4 - outer pieces with the 1 - center piece and place a bolt through the center hole on each piece as shown below. Tighten castle nut on each bolt.

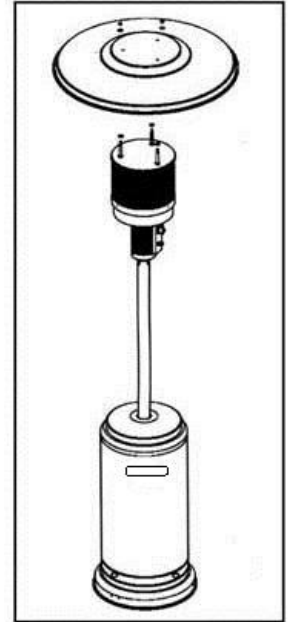


Next, align the sides of each outer piece and the center piece and insert the next 3 bolts through both holes. Tighten castle nuts on bolts. Finally, insert bolt through holes located at outside edge of adjoining panels of the reflector side pieces (3 bolts required) and tighten castle nuts on bolts.



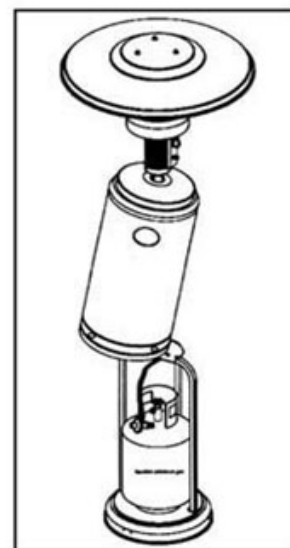
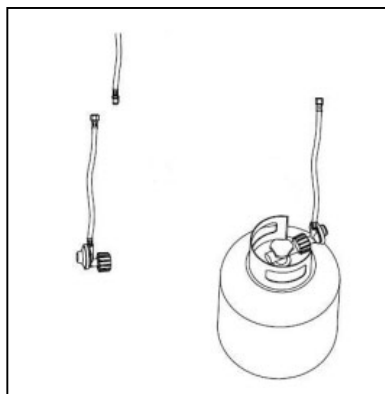
ASSEMBLY

10. While supporting heater, tilt the Head Assembly and slide 1 pc - M8 x 16 Washer over each of the 3 Barrel Bolts, then slide the assembled Reflector over the 3 Barrel Bolts that extend from the Head Assembly. Use the 3 pcs - Wing Nuts and 3 pcs - 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.



11. Connect the hose and regulator to the LP cylinder. The LP cylinder is sold separately. Use a standard 20 lb. propane cylinder only. Lift the Tank Housing up and rest it on the top of the assembled Post Supports. Screw Regulator (G) onto Gas Hose (E). Do not cross thread. Hand tighten securely. Attach Regulator (G) to valve on LP cylinder and hand tighten securely. Place LP tank onto base of heater and secure LP Tank on base by tightening M8x25 Bolts (E) in the LPG Cylinder Holders. Lower the Tank Housing.

NOTE: Use this heater only with a propane vapor withdrawal 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.



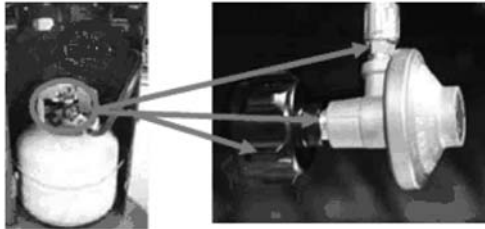
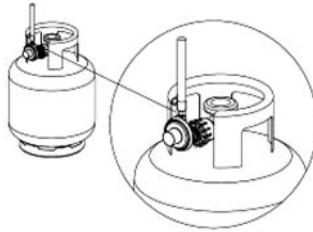
Check for Leaks

Your patio heater has been checked at all factory connections for leaks, but you should always check when you attach the LPG cylinder. To check for leaks, following these instructions:

- Assemble all gas connections;
 - Connect regulator assembly to the propane tank;
 - Make sure the heater valve is turned OFF.
- 1) Make soapy solution by mixing 1 part liquid dish soap and 3 parts water.
 - 2) Open the propane tank valve.
 - 3) Spray of the soapy solution onto the
gas hose /regulator and regul ator/cylinder connection.
 - 4) Inspect the connections and look for bubbles.
 - 5) If no bubbles appear the connection is safe.
 - 6) If bubbles appear, there is leakage. Close the propane tank valve, and
loosen and re-tighten this connection.
 - 7) Check for leakage again.

ASSEMBLY

If bubbles still appear, close the propane tank valve and contact your gas supplier. If a leak is detected , DO NOT attempt to use the heater.



MAKE SURE to check all **THREE** connections between the cylinder and gas line.

NOTE:

- 1) The cylinder must be provided with a shut off valve terminating in a LPG supply cylinder valve outlet specified, as applicable, for connection NO 510 in the standard for compressed gas cylinder valve outlet and in let connections, ANSI/CGA-v-1.
- 2) The cylinder supply system must be arranged for vapor withdrawal.
- 3) The cylinder used must include a collar to protect the cylinder valve.

Annually check operation:

- A. Lift the tank housing up above the LPG cylinder and rest it on the support leg assembly.
- B. Open the propane tank valve.

ASSEMBLY

- C. Spoon several drops (or use squirt bottle) of the solution onto gas hose connection and connection.
- D. Inspect the connections and look for bubbles.
- E. If no bubbles appear, the connection is safe.
- F. If bubbles appear, there is a leak. Close the propane tank valve and loosen and re-tighten this connection.
- G. Check for leaks again.
- H. If bubbles still appear, close the propane tank valve and call the gas supplier. DO NOT attempt to use the heater.

OPERATION

WARNING: DO NOT attempt to operate heater until you have read and understand all precautions. Failure to do so can result in serious personal injury, death or property damage.

Before Turning Gas Supply ON.

Your heater was designed and approved for **OUTDOOR USE ONLY**. **DO NOT** use it inside a building or any other enclosed area.

Make sure surrounding areas are free of combustible materials such as gasoline and other flammable vapors or liquids.

Ensure that there is no obstruction to air ventilation.

Be sure all gas connections are tight and there are no leaks.

Be sure the access panel is clear of debris.

Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

Before Lighting

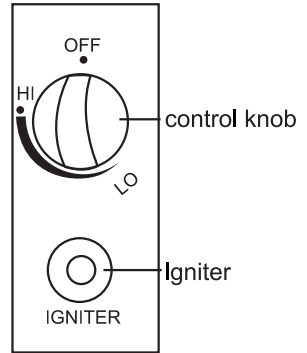
Heater should be thoroughly inspected before each use. Have a qualified service person inspect the heater at least annually. If relighting a hot heater, always wait at least 5 minutes.

OPERATION

LIGHTING INSTRUCTIONS

TO TURN ON THE HEATER:

1. Turn the control knob "OFF" position.
 2. Open gas valve fully.
 3. Press and turn the control knob to "HI" position (counterclockwise 90°).
Press down the control knob and hold for 3-5 seconds. While holding down the control knob, press the igniter button several times until the flame ignites.
Hold the knob about 30 seconds and then release.
- Note: If the flame does not light or it goes out, repeat Step 3.

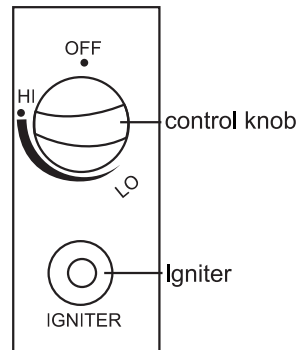


NOTE:

- If a new tank has just been connected, please allow at least one minute or more for the air in the gas pipeline to purge out through the hole, or simply do Step 3.
- When lighting the flame make sure that the variable control knob is continuously depressed while pressing the igniter button. Variable control knob can be released after the flame has been lit for 20~30 seconds.
- Flame can be watched and checked from the peephole located on the base of burner.
- If the flame does not light or it goes out, repeat Step 3.
If the burner flame goes out accidentally or it is blown out by wind, turn off the heater and wait at least 5 minutes or more to let the gas dissipate before relighting to avoid possible gas explosion.
Repeat steps 2 to 4.

TO TURN OFF THE HEATER.

1. Press and turn the control knob to "OFF" position.
2. Turn off the valve on the gas cylinder and disconnect the cylinder.



WARNING

FOR YOUR SAFETY

If at any time you are unable to light burner and smell gas, wait 5 minutes to allow gas to dissipate before attempting to light heater. If after 1 minute, you are unable to light burner, wait 5 minutes and allow flammable vapors to dissipate before attempting to light heater again.

OPERATION

CAUTION: Avoid inhaling fumes emitted from the heater's first use. Smoke and odor from the burning of oils used in manufacturing will appear. Both smoke and odor will dissipate after approximately 30 minutes. The heater should not produce thick black smoke.

Note:

The burner may be noisy when initially turned on. To eliminate excessive noise from the burner, turn the control knob to the "LO" position, then turn the knob to the level of heat desired.

Warning : White smoke may appear around the radiant head during the first minutes of the initial burning.

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 flame. These flames should not be yellow or produce thick black smoke, indicating an obstruction of airflow through the burners. If the flame is very small, it indicates that gas pressure is not enough.

Relighting the heater:

- 1) Turn the control knob to "OFF" position.
- 2) Wait five (5) minutes before attempting to relight flame.
- 3) Repeat steps beginning with step 2 on page 14.

Before leaving the heater unattended:

- 1) Turn the control knob to "OFF" position and turn LP cylinder to "OFF" position.
- 2) Never leave the patio heater unattended while in use.

Shut down instructions

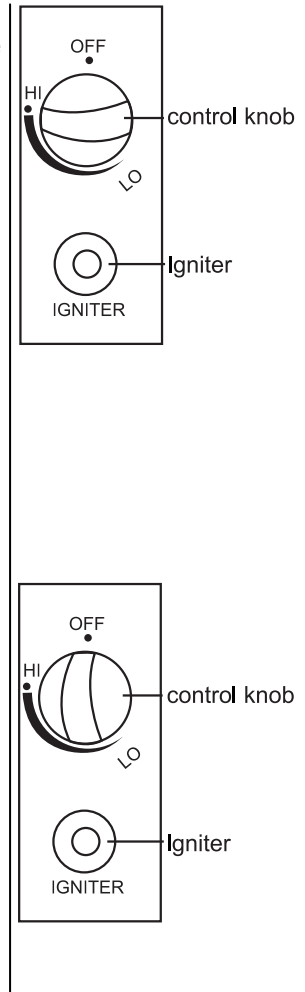
- 1) Push in and turn control knob clockwise to "OFF" position.
- 2) Turn LP tank gas valve clockwise to "OFF" position when heater is not in use.

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

If you suspect gas leakage:

- 1) Turn the control knob to "OFF" position.
- 2) Turn LPG cylinder to "OFF" position.
- 3) Wait 5 minutes to allow gas to dissipate.
- 4) If odor continues, immediately call your gas supplier.

Warning: Heater will be hot after use.
Handle with extreme care.



LOCATION OF HEATER WHILE IN USE

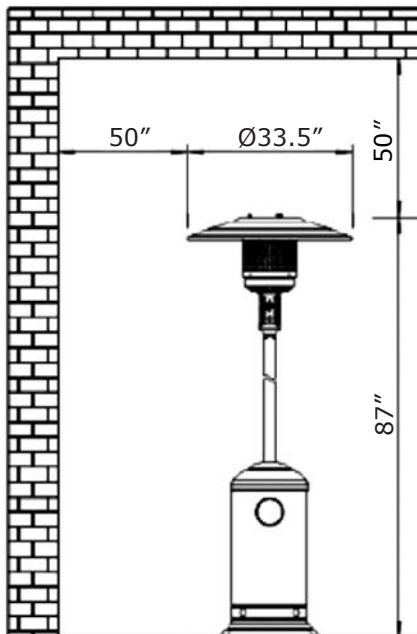
CAUTION: WHEN CERTAIN MATERIALS OR ITEMS ARE LEFT UNDER THIS HEATER WHILE IN USE, THEY WILL BE SUBJECT TO RADIANT HEAT AND COULD BE SERIOUSLY DAMAGED.

This heater is to be used for the heating of outdoor patios, decks, spas, pool, and open working areas. This heater is for OUTDOOR use ONLY.

Always make sure that adequate fresh air ventilation is provided and follow the spacing tolerances shown in the picture below. The minimum clearances must be maintained at all times.

This heater must be placed on level, firm ground.

Never operate in an explosive atmosphere. Keep away from areas where gasoline or other flammable liquids or vapors are stored or used.



CLEANING AND MAINTENANCE

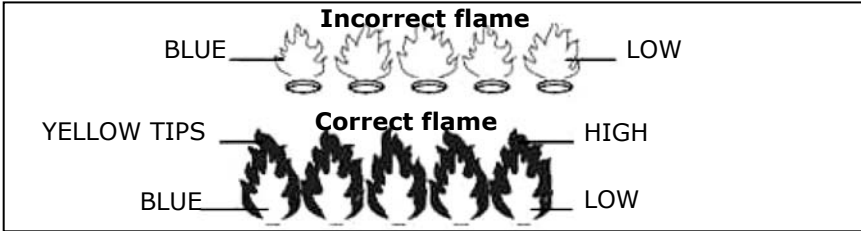
To enjoy years of outstanding performance from your heater, make sure you perform the following maintenance on a regular basis:

Keep exterior surfaces clean.

1. Use warm soapy water for cleaning. Never use flammable or corrosive cleaning agents.
2. While washing your heater, be sure to keep the area around the burner and assembly dry at all times. If the gas control is exposed to water in any way, DO NOT try to use it. It must be replaced.

Keep the heater area free and clean from combustible materials, gasoline or other flammable vapors and liquids. Visually check burner flames.

WARNING
FOR YOUR SAFETY
DO NOT touch or move heater for at least 45 minutes after use.
Allow all burner elements to cool before touching.



Visually check the hose assembly inside the post and check for any cracks or worn sections.

1. Unscrew gas hose and regulator hose with 3/4" inch open end wrench and adjustable wrench.
2. Unscrew the screws on pole, and take out the burner head assembly.
3. Check if there are any cracks or worn sections on hose. If yes, contact your gas supplier to replace the hose.
4. At least once a year, the unit should be inspected for the presence of spiders, spider webs or other insects.

Air flow must be unobstructed. Keep controls, burner and circulating air passageways clean. Signs of possible blockage include:

1. Gas odor with extreme yellow tipping of flame.
2. Heater does not reach the desired temperature.
3. Heater glow is excessively uneven.
4. Heater makes uneven 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 hood and emitter 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. If the heater is exposed to this type of environment, you should frequently check for corroded areas and repair them promptly.

TROUBLESHOOTING

Problem	Cause	solution
Burner will not light	Pressure is low	Fuel tank is near empty
	Control valve not ON	Turn valve to ON mode
	Thermocouple bad	Replace thermocouple
	Light assembly bent or not in correct location	Place in proper position and retry
Burner flame is low	The main gas hose is bent or twisted	Straighten hose and perform leak test on hose
	Blockage in burner injector	Clean or replace burner injector
Burner flame goes off immediately after ignition	Low gas pressure	Let the flame stay lit for 10 minutes before setting variable knob to "LO"
Emitter glows unevenly	Blockage in burner injector	Clean or replace burner injector
	Base is not on level surface	Place heater in level surface
	Low gas pressure	Refill the gas cylinder
Thick black smoke	Blockage in burner	Turn off the heater and let it cool. Remove blockage and clear burner inside and outside.
Carbon build-up	Dirt or film on reflector and flame screen	Clean reflector and flame screen

IMPORTANT

For questions, concerns or problems with our product please
email our customer service department:
customer care@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: **customer care@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.