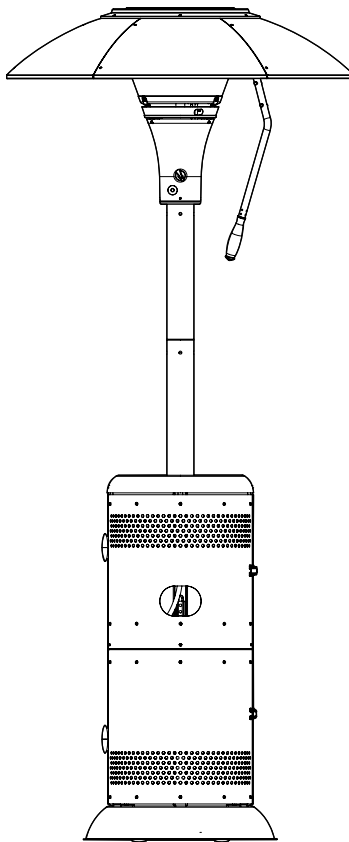




USE AND CARE GUIDE

48,000 COMMERCIAL GRADE HEAT FOCUSING PATIO HEATER



Questions, problems, missing parts? Before returning to the store,
call our Customer Service

(678) 534 2876

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Safety Information



DANGER

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.



DANGER

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

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



WARNING: For Outdoor Use Only.



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



WARNING: NEVER use indoors, in an enclosed area or below ground level.



WARNING: This appliance is intended for use with propane bottled gas only.



WARNING: This appliance features a flame failure and tilt device. In the event of a wind blowing the flame out or the unit being tipped over, the gas supply will be cut off from the cylinder. In this event, the knobs should be set to off and you should wait 5 minutes before re-lighting.



WARNING: Failure to read and follow these instructions could result in serious injury or damage to property.



WARNING: This product will become hot when in use – take care when touching.



WARNING: Keep children and pets at a safe distance from the unit when in use.



WARNING: DO NOT move this product when in use.



WARNING: Any modification of this appliance may be dangerous.



WARNING: DO NOT use heater where the reflector is within 40 inches (1m) of any flammable structure or surface.



WARNING: NEVER operate the heater with the top half covered (burner head, reflector, etc.).

Safety Information (continued)



WARNING: DO NOT leave this product unattended when in use.



WARNING: Always keep the cylinder level and vertical when positioning inside the base.



WARNING: ONLY use this appliance on a flat LEVEL non flammable surface or ground.



WARNING: When positioning, ensure the unit is a minimum of 40 inches (1m) from flammable items or structure from all sides and above.



WARNING: Always leak test the unit before use, annually, or after storage, when parts are replaced/serviced or if the gas cylinder is removed or replaced.



WARNING: When storing the appliance or gas cylinder, ensure they are away from flammable materials or liquids.



WARNING: Regularly check that the regulator seal and hose is fitted and that it is in good condition. Replace parts if necessary.



WARNING: Always follow the care and maintenance instructions – regularly maintain your appliance.



WARNING: Always replace worn parts – do not use the appliance if a leak, wear, or damage is found.



WARNING: DO NOT store or cover the appliance until fully cooled.



WARNING: Always shut off the valve at the gas cylinder or the regulator before moving the appliance.



WARNING: In the event of high winds particular attention must be taken. Store the unit away or ensure it is at a safe distance from other items in the event that the unit is blown over.



WARNING: Only use with gazebo's specifically designed to be used with patio heaters.



WARNING: It is normal for the heater to smoke during the first few minutes of use.



WARNING: If you smell gas – turn off the appliance and extinguish all flames. If the odor continues, immediately contact your gas supplier.



WARNING: In the event of an uncontrollable fire, immediately disconnect the gas cylinder moving it away from fire and contact the fire services. DO NOT PUT YOURSELF AT RISK!



WARNING: Ensure aerosols are not used near this unit when in use.



WARNING: Ensure all packaging and plastic bags are disposed of safely.



WARNING: Ensure the heater is at a safe distance from glass and PVC doors and windows to stop damage from any heat build up.



WARNING: Read the warnings and use instructions before operation.



WARNING: Do not leave the heat focusing reflector of the patio heater in the tilt position during rain or windy conditions or when the patio heater is not in use or unattended. Always position the heat focusing reflector in the full down position when not in use or during windy or rainy conditions.



WARNING: FUELS USED IN LIQUEFIED PROPANE GAS APPLIANCES, AND THE PRODUCTS OF COMBUSTION OF SUCH FUELS, CAN EXPOSE YOU TO CHEMICALS INCLUDING BENZENE, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. For more information go to: www.P65Warnings.ca.gov.



NOTE: THESE INSTRUCTIONS ARE FOR YOUR SAFETY. PLEASE READ THEM THOROUGHLY BEFORE USE AND RETAIN THEM FOR FUTURE REFERENCE.

Safety Information (continued)

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

Warranty

WARRANTY

Keep these instructions for future reference. The patio heater has been manufactured under the highest standards of quality and workmanship. We warrant to the original consumer purchaser that all aspects of this product will be free of defects in material and workmanship for 1 year from the date of purchase. A replacement for any defective part will be supplied free of charge for installation by the consumer. Defects or damage caused by the use of other genuine parts are not covered by this warranty. This warranty shall be effective from the date of purchase as shown in the purchaser's receipt.

This warranty is valid for the original customer only and excludes product damage due to shipment or failure which results from alteration, product abuse or product misuse whether performed by a contractor, service company, or consumer. We will not be responsible for labor charges and/or damage incurred in installation, repair or replacement, nor for incidental or consequential damage.

Contact: info@saharabbqs.com Tel: (678) 534 2876

Pre-Assembly

PLANNING ASSEMBLY

Before You Start, check the contents of the box and make sure you have all the parts and fittings listed. If not, contact our Customer Service at (678) 534 2876. When you are ready to start, make sure that you have the right tools at hand, plenty of space and a clean dry area for assembly.



WARNING: While every precaution has been made in the manufacture of this product, care must be taken during assembly in case sharp edges are present.



NOTE: It is recommended that the carton is cut open and spread out on the floor and used as a protective surface during assembly.

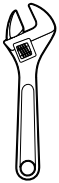


NOTE: Please lay out all nuts and bolts and check lengths before assembly.



NOTE: Refer to the assembly diagrams as necessary.

TOOLS REQUIRED



Adjustable
wrench x 2



1/4 in. Spanner

HARDWARE INCLUDED



NOTE: Hardware not shown to actual size.



AA



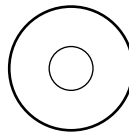
BB



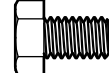
CC



DD



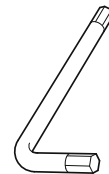
EE



FF



GG

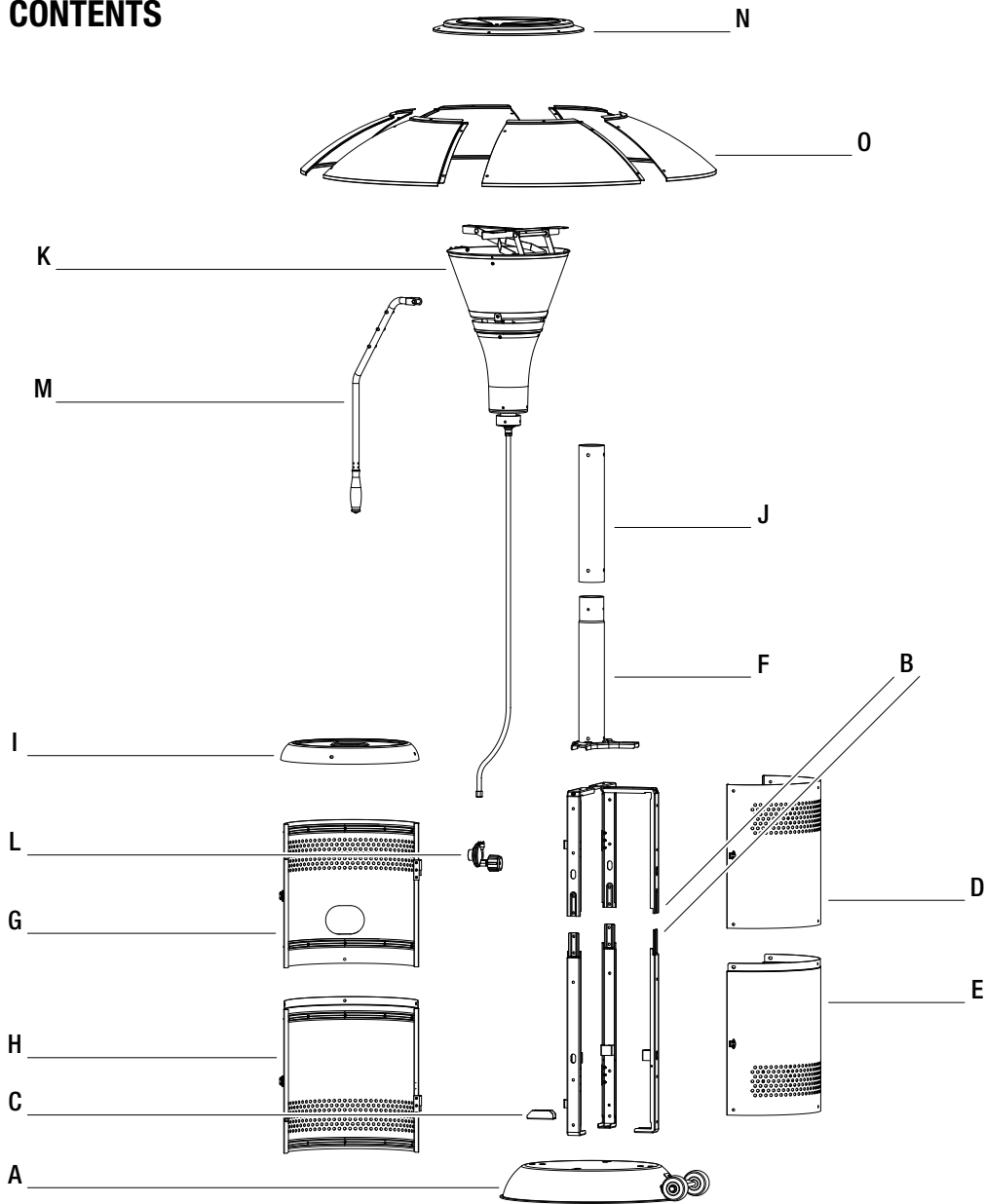


HH

Part	Description	Quantity
AA	1/4 in. dome head bolt	18
BB	1/4 in. nut	44
CC	1/4 in. allen bolt	37
DD	1/4 in. washer	25
EE	5/16 in. washer	3
FF	5/16 in. bolt	3
GG	1/4 in. spring washer	8
HH	Allen key	1

Pre-Assembly (continued)

PACKAGE CONTENTS



Part	Description	Quantity
A	Base	1
B	Upper & Lower Cylinder Chamber Supports (A, B, C)	6
C	Base Plate	1
D	Upper Cylinder Chamber Wall	1
E	Lower Cylinder Chamber Wall	1
F	Lower Support Pole	1
G	Upper Cylinder Chamber Door	1
H	Lower Cylinder Chamber Door	1

Part	Description	Quantity
I	Table Top	1
J	Upper Support Pole	1
K	Lantern And Hose	1
L	Regulator	1
M	Reflector Handle	1
N	Top Panel	1
O	Side Panels	6

Pre-Assembly (continued)

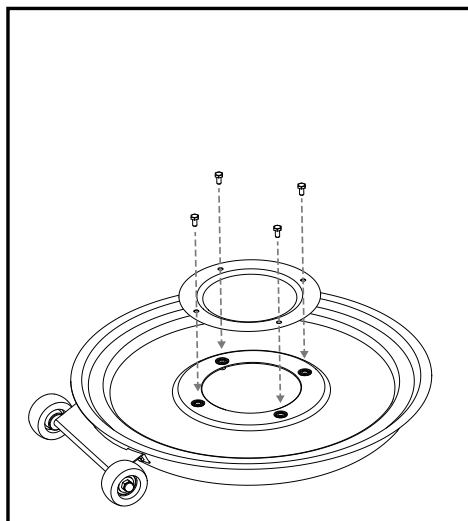
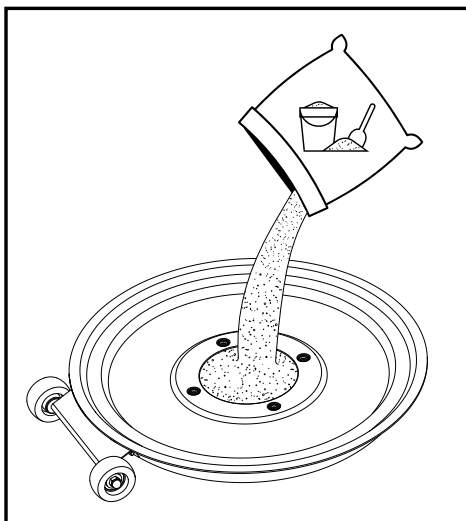
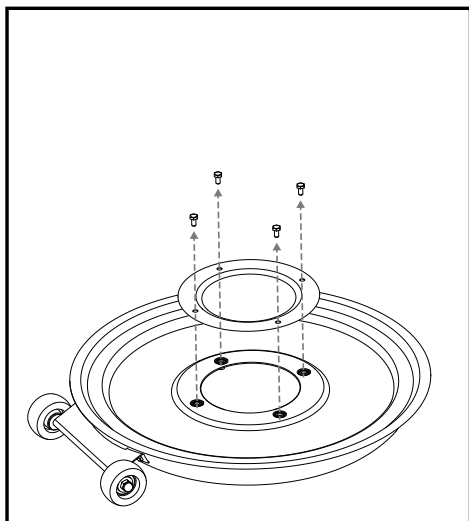
TECHNICAL DATA

Overall Height	93.5 in. approx.
Overall Weight	96 lbs
Overall Width	38.5 in.
Heater Heat Input (-Qn)	48,000 Btu/h
Heater Gas Consumption	2.20 Lbs per hour
Heater Injector Size	0.0831 in.
Setting Pressure	11.0 in. per W.C
Regulator Outlet Pressure	11.0 in. per W.C
Standard	CSA/ANSI Z83.26:2020, Gas-fired outdoor infrared patio heaters.
Gas Supply Pressure	Max. 250 PSI, MIN.5 PSI

Conforms to CSA/ANSI Std. Z83.26:20, Gas-fired outdoor infrared patio heaters.

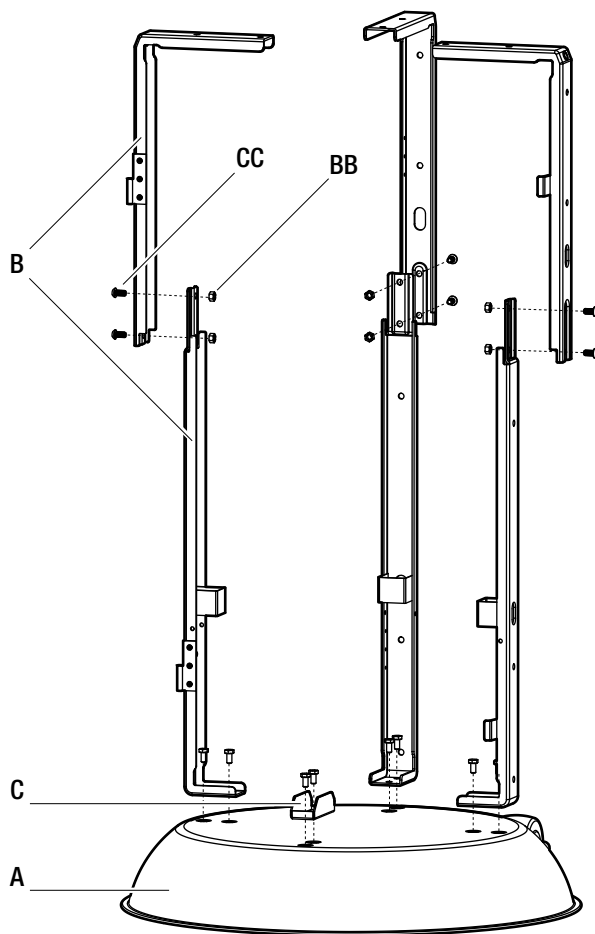
Pre-Assembly (continued)

Completely fill the base with sand ($\geq 16\text{kgs}/35\text{lbs}$) before assembly.



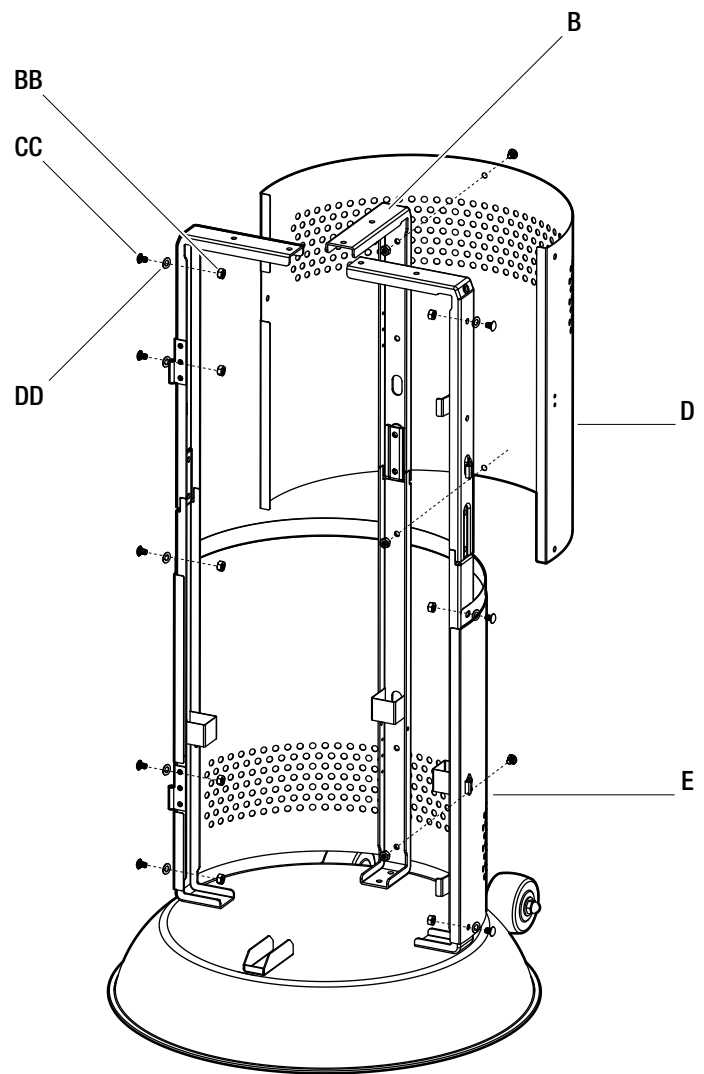
1 Assembling the legs

- Attach the base plate (C) to the base (A) using the two prefitted bolts.
- Attach the upper and lower cylinder chamber supports (B) together using six bolts (CC) and nuts (BB).
- Fix the cylinder chamber supports (B) to the corresponding section on the base (A) with the 6 prefitted bolts.
- Finger tighten only at this stage.



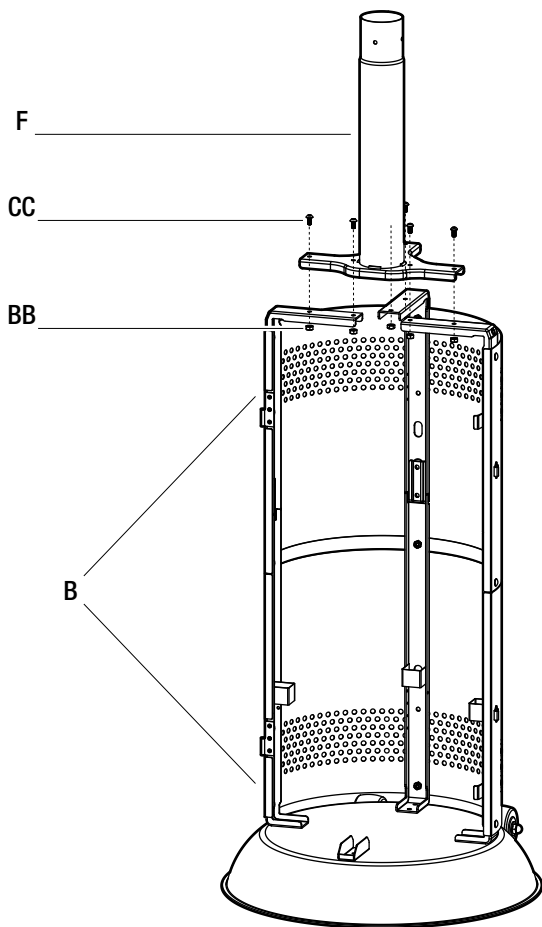
2 Attaching the cylinder chamber walls

- Using 11 of the bolts (CC), nuts (BB) and washers (DD), attach the lower cylinder chamber wall (E) to the bottom of the cylinder chamber supports (B) and attach the upper cylinder chamber wall (D) by overlapping the lower cylinder chamber wall (E) as shown.



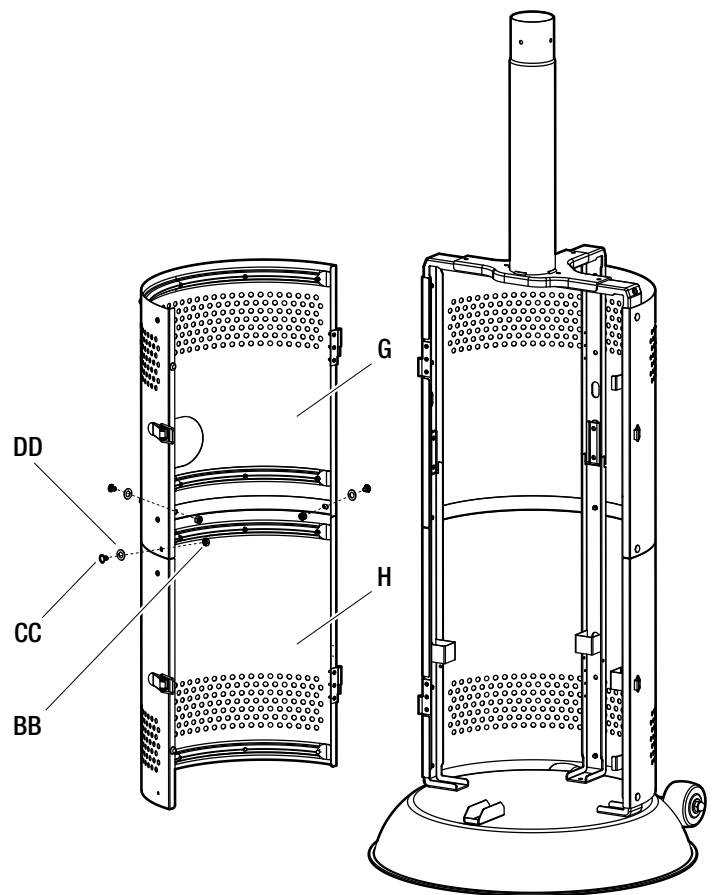
3 Attaching the lower support pole

- Attach the lower support pole (F) to the cylinder chamber supports (B) using six bolts (CC) and nuts (BB).
- At this point ensure that all bolts are tightened securely using a spanner.



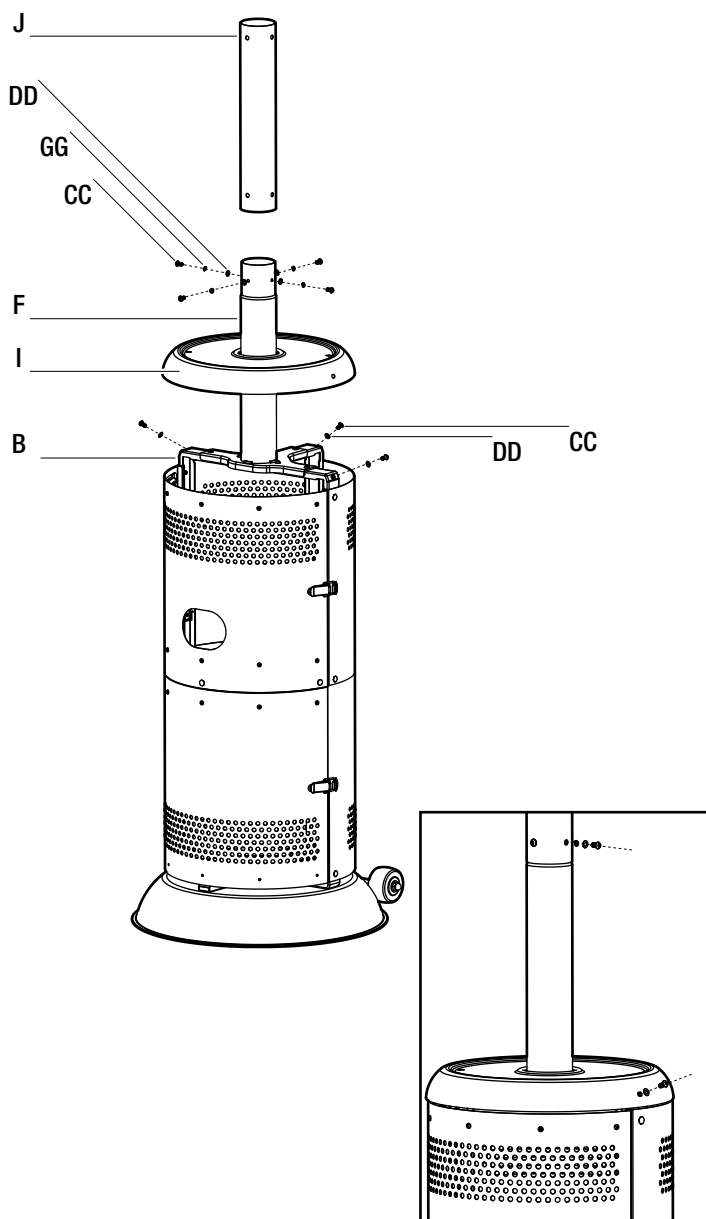
4 Attaching the cylinder chamber door

- Attach the upper cylinder chamber door panel (G) to the lower cylinder chamber door panel (H) using three bolts (CC), nuts (BB) and washers (DD).
- Hang the assembled door on the hinges.
- Ensure that the alignment is correct and tighten the door bolts securely.



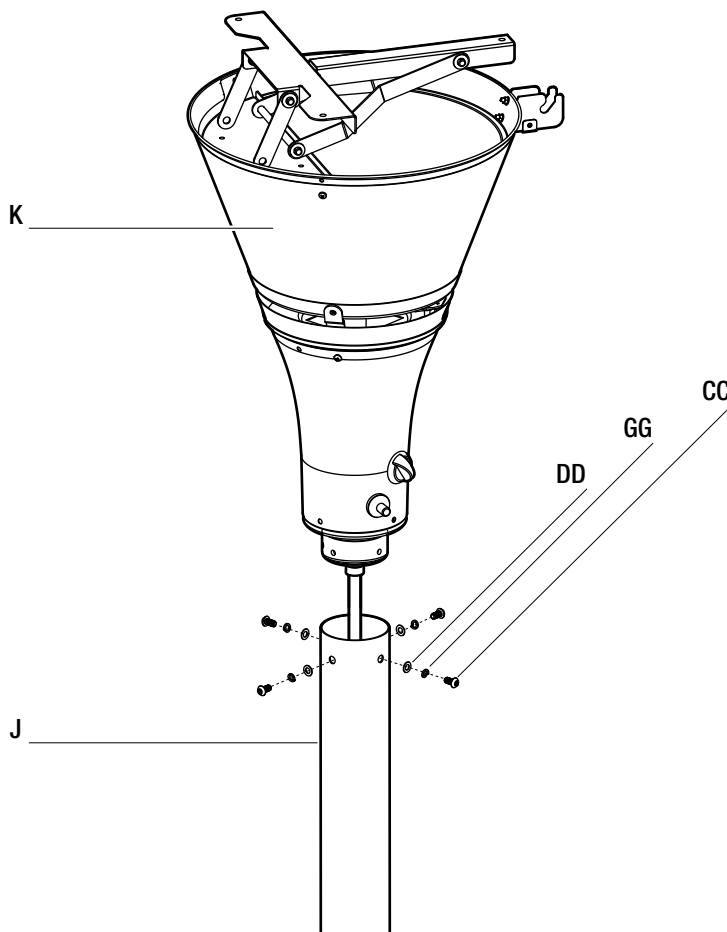
5 Attaching the upper support pole and table top

- Slide the table top (I) down over the lower support pole (F) as shown and secure to the cylinder chamber supports (B), using three bolts (CC) and three washers (DD).
- Attach the upper support pole (J) to the lower support pole (F) using four bolts (CC), four washers (DD) and four spring washers (GG).



6 Attaching the lantern

- Feed the hose down through the support pole (J) and secure the lantern (K) to the support pole (J) using four bolts (CC), washers (DD) and spring washers (GG).



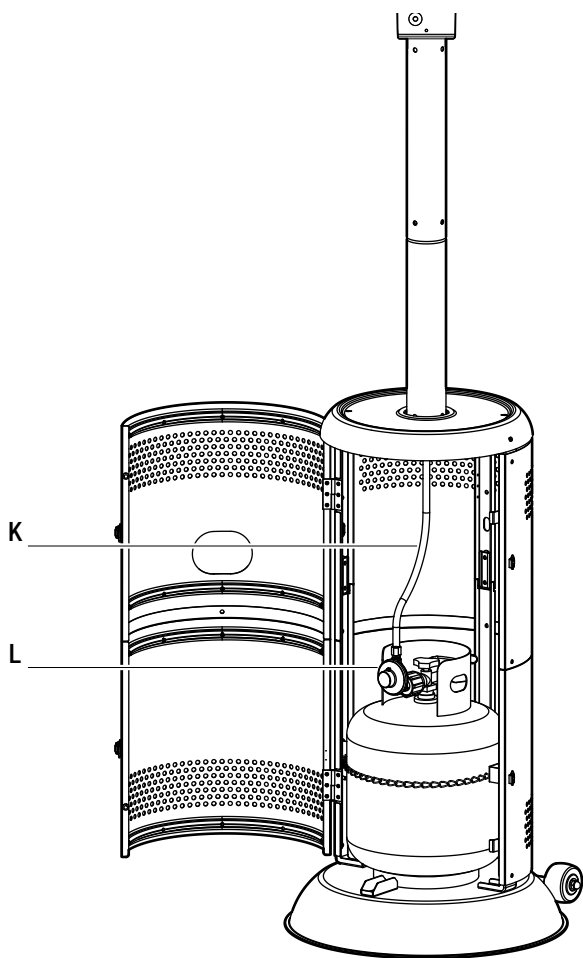
Assembly (continued)

7 Attaching the regulator and propane bottle



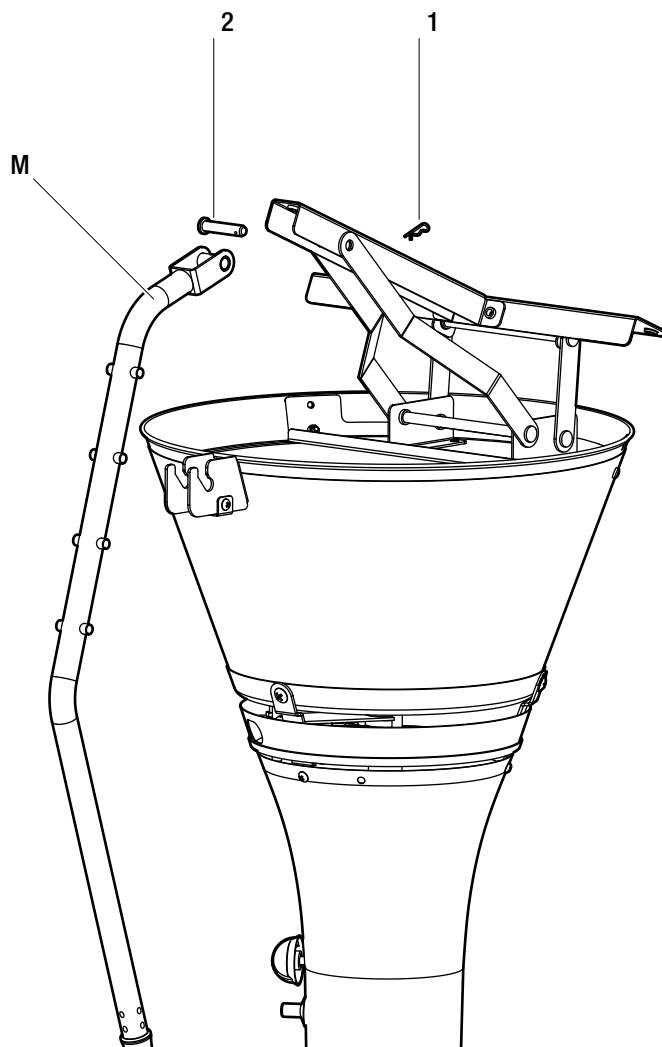
NOTE: THE CYLINDER MUST BE POSITIONED AS SHOWN IN THE PATIO HEATER CYLINDER CHAMBER TO PROVIDE VAPOR WITHDRAWAL.

- Connect the lantern and hose (K) to the regulator (L) and secure tightly with the adjustable wrenches.
- Screw the regulator (L) onto the gas cylinder (turn clockwise to tighten it securely).
- Position the gas cylinder inside the cylinder chamber as shown securing with the chain.
- Perform a Leak Test (see page 15).



8 Fitting the reflector handle

- Using the pre-fitted R-clip (1) and pin (2), secure the reflector handle (M) to the bracket as shown.



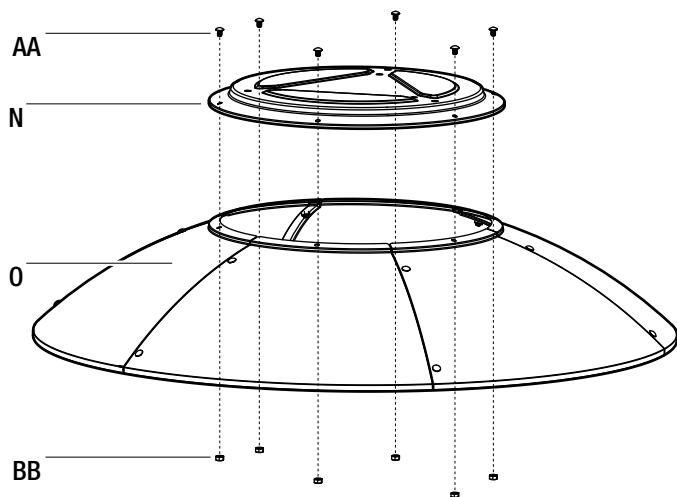
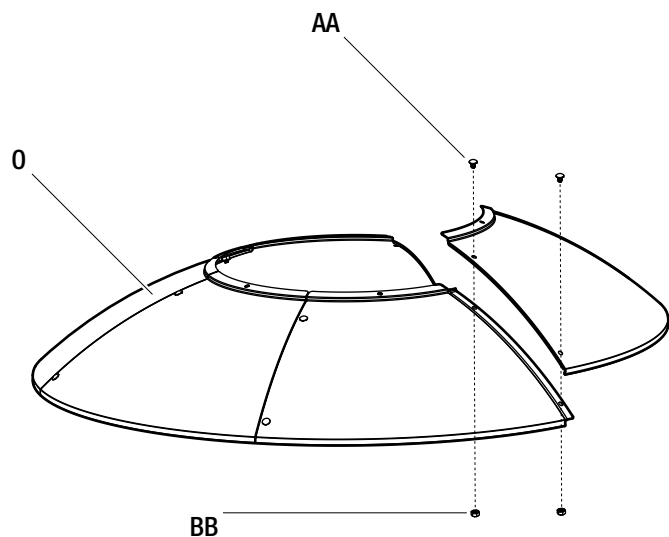
Assembly (continued)

9 Assembling the reflector



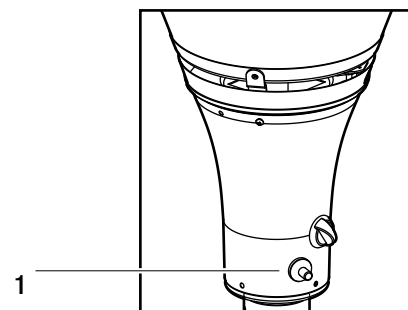
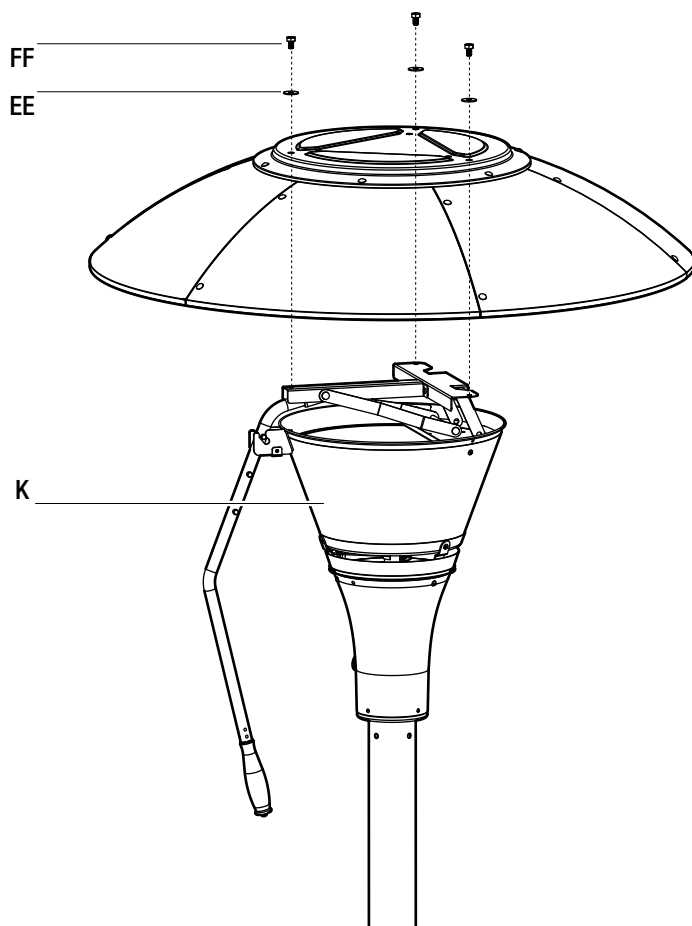
WARNING: While every precaution has been made in the manufacture of this product, care must be taken during assembly in case sharp edges are present.

- Loosely screw the reflector side panels (O) together using twelve bolts (AA) and nuts (BB), overlapping as shown below.
- Attach the top panel (N) to the top of the assembled side panels (O) using six bolts (AA) and nuts (BB) and then fully tighten all bolts.



10 Attaching the reflector to the lantern

- Fit the reflector to the lantern (K) using three bolts (FF) and washers (EE).
- Unscrew sparker button (1) and insert battery, positive side facing outwards.

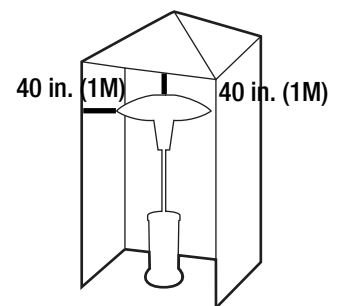


Operation

- ❑ Certain materials or items, when stored under the heater, will be subjected to radiant heat and could be seriously damaged.
- ❑ Inspect the visible portion of the hose before each use of the appliance. The hose inside cylinder pole housing should be checked annually and a leak test should be performed when re-assembled. Hose should be replaced if signs of abrasion or wear.
- ❑ 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.
- ❑ Clothing or other flammable materials 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 at least annually by a qualified service person.
- ❑ More frequent cleaning may be required as necessary. It is imperative that control compartment, burners and circulating air passageways of the heater be kept clean.
- ❑ Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- ❑ Do not obstruct the flow of combustion and ventilation air.
- ❑ Keep the ventilation openings of the cylinder enclosure free and clear from debris.
- ❑ The propane-gas supply cylinder to be used must be: a. Constructed and marked in accordance with the specifications for propane-gas cylinders 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, as applicable; b. Provided with a listed overfilling prevention device; and c. Provided with a cylinder connection device compatible with the connection for the appliance. d. 20LB (9kg) cylinder. LPG capacity 4.7 gallons (17.8 litres) Cylinder Dimensions: Height 17.75 inches (451mm) and width 12.25 inches (311mm) e. The LP - gas cylinder used must include a collar to protect the cylinder valve.
- ❑ A cylinder must be stored outdoors in a well-ventilated area out of reach of children. A disconnected cylinder must have dust caps tightly installed and must not be stored in a building, garage or any enclosed area. The pressure regulator and hose supplied must be used and any replacement pressure regulator or hose must be those as specified by the manufacturer.
- ❑ Do not store spare propane-gas cylinder under or near this appliance.
- ❑ Never fill the cylinder beyond 80% full; and for appliances designed to use a CGA No. 791.
- ❑ Connection: 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.

POSITIONING INSTRUCTIONS

- ❑ This appliance is for OUTDOOR USE ONLY and should be placed in a well ventilated area.
- ❑ A well ventilated area must have a minimum of 30% of its surface area open. (Surface area is defined as the total surface of the walls surface.)
- ❑ The sides of the appliance should NEVER be closer than 40 inches (1m) from any combustible surface.
- ❑ Keep this appliance away from any flammable materials!
- ❑ Only use pressure regulator and hose assembly supplied.
- ❑ Cylinder marked propane can be used.



Operation (continued)

- ❑ Important - Make sure the gas bottle is placed level within the base.
- ❑ Should you need to change the gas bottle, confirm the gas supply is turned off at the regulator or bottle / cylinder valve, and there are no sources of ignition (cigarettes, open flame, sparks, etc.) near before proceeding.
- ❑ Inspect the gas hose to ensure it is free from any twisting or tension. The hose should hang freely with no bends, folds, or kinks that could obstruct free flow of gas. Always inspect the hose for cuts, cracks, or excessive wear before use. If the hose is damaged, it must be replaced with hose suitable for use with propane Gas.

CONNECTING TO THE CYLINDER

- ❑ Confirm all control knobs are in the off position.
- ❑ Connect the regulator to the gas bottle according to your regulator and bottle dealers instructions.

USE INSTRUCTIONS

- ❑ Before proceeding make sure you understand the warnings section of this manual.
- ❑ This patio heater shall be used only in a well ventilated space and shall not be used in a building, garage or any other enclosed area.
- ❑ This patio heater may be installed in shelter no more inclusive than; with walls on all sides but with no overhead cover, within a partial enclosure which includes an overhead cover and no more than two side walls (these side walls may be parallel, as in a breezeway or at right angles to each other), within a partial enclosure which includes an overhead cover and three side walls, as long as 30% or more of the horizontal periphery of the enclosure is permanently open.

LIGHTING INSTRUCTIONS

- ❑ Fit battery to sparker.
- ❑ Turn on the gas supply at the cylinder.
- ❑ Push the dial in and turn to position .
- ❑ While the dial is held pressed in at position , press the spark button to ignite the heater.
- ❑ Hold the dial in for at least 10 seconds to ensure the heater stays lit.
- ❑ If the heater does not light after holding in the dial in for 20 seconds wait 5 minutes and try again. Do not continuously hold the dial in as you may cause a build up of gas.
- ❑ In windy conditions, shield from wind to ensure easy lighting and hold the dial in for at least 20 seconds to ensure the heater stays lit.
- ❑ Turn the control dial to high or low flame position as required. Correct operation of the heater is indicated by a predominantly blue, quiet flame.
- ❑ If the sparker fails, you can light your patio heater using a match. To light your patio heater with a match: 1. Place the lit match through the gap below the burner mesh and wind guard. 2. Turn the control dial to the  position. After the burner ignites, keep the control dial held in for 10 seconds to ensure the burner stays lit and then release. 3. If the burner does not light after holding the control dial in for 20 seconds with the lit match in position, remove the match, turn the control dial to the off position, wait 5 minutes and then repeat.

TO TURN OFF

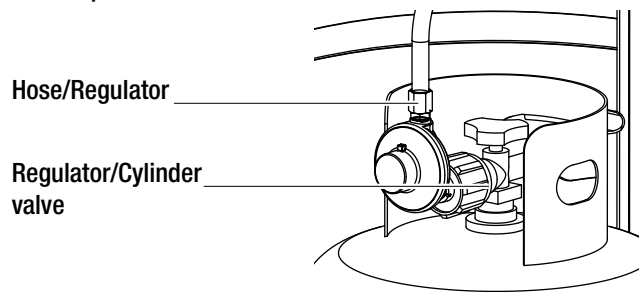
- ❑ Push the dial in and turn to position .
- ❑ Turn the gas off and disconnect at the cylinder when not in use.
- ❑ Remove battery from ignition unit during prolonged periods of non-use.

Operation (continued)

LEAK TESTING

Your patio heater has been checked at all factory connections for leakage. To check the connection at the gas hose/regulator/cylinder:

- ☐ Ensure you are in a well ventilated area.
- ☐ Confirm all control knobs are in the off position.
- ☐ Open the gas control valve on the bottle.
- ☐ Check for leaks by brushing a solution of 50% water and 50% dish soap over the gas system joints, including all valve connections, hose connections and regulator connections.
- ☐ NEVER USE AN OPEN FLAME to test for leaks at any time.
- ☐ If bubbles form over any of the joints, there is a leak.
- ☐ Turn off the gas supply and retighten all joints.
- ☐ Repeat test. If bubbles form again, do not use the patio heater. Please contact the helpline stated in this manual.
- ☐ Leak test annually and whenever the gas bottle is removed or replaced.



GAS AND REGULATOR

- ☐ The gas hose must be connected in accordance with these instructions. When installed correctly all parts of the hose should be contained within the patio heater pole and gas cylinder chamber. No part of the hose should be outside of the patio heater body where it could be a trip hazard or could be accidentally damaged.
- ☐ This appliance is for propane use only.
- ☐ See instructions supplied with the regulator for correct use and attachment.
- ☐ Gas bottles should never be stored on their side.
- ☐ Never store gas bottles indoors.
- ☐ This appliance is supplied with a propane regulator which must only be used for propane gas.
- ☐ NEVER use an adjustable regulator with this appliance.
- ☐ Please consult your gas dealer for the most suitable gas bottles for your regulator.
- ☐ When an appliance is for connection to a gas cylinder, the installation shall conform with local codes or, in the absence of local codes, with AMSI Z223.1/NFPA 54, CSA B149.1, or CAS B149.2.

Maintenance

FLAME CHARACTERISTIC

- ☐ The flame pattern at the burner mesh should be visually checked whenever the heater is operated.
- ☐ Normally, the burner flame is blue with yellow flame at the top. The burner mesh will become red hot.
- ☐ If flames extend beyond the surface of the burner mesh, or there is the phenomena of flame lift or light back, or a black spot is accumulating on the burner mesh or reflector, the heater should be turned off immediately.
- ☐ The heater should not be operated again until the unit is serviced or repaired.

SCREW AND BOLT CONNECTIONS

- ☐ All screws and bolts, etc, should be checked and tightened on a regular basis.

STORAGE

- ☐ Do not leave the patio heater exposed to outside weather conditions or stored in damp moist conditions.
- ☐ To save space during long-term storage, the reflector can be removed. Take care to ensure the shape of the reflector is not damaged or deformed, as this will affect performance.
- ☐ When using the heater after extended periods of storage, re-attach the reflector.
- ☐ The heater should never be operated without the reflector in place.
- ☐ If the heater is to be stored indoors, the gas bottle must be disconnected and left outside in a dry, well-ventilated area, away from any sources of heat or ignition.
- ☐ Do not let children tamper with the bottle.
- ☐ Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance.

SERVICE

- ☐ We recommend that servicing of this appliance should be performed either after every 100 hours of use or annually, whichever ever is achieved soonest.
- ☐ If your heater needs maintenance or is not working properly, please contact your local authorized agent for service.
- ☐ It is a necessity to contact an authorized source for replacement of parts and/or servicing.
- ☐ This work must be carried out by a qualified gas technician.
- ☐ Spare parts may be obtained by contacting our Customer Service at (678) 534 2876.

Care & Cleaning

- ☐ Regularly clean your patio heater between uses and especially after extended periods of storage.
- ☐ Ensure the heater control is turned fully to the off position, the gas supply is shut off at the regulator or bottle / cylinder valve, and the heater and its components are sufficiently cool before cleaning.
- ☐ Never douse the heater with water when its surfaces are hot.



Universal Innovations.
Kilcoole Industrial Estate, Kilcoole,
Co. Wicklow, Ireland



Questions, problems, missing parts? Before returning to the store,
call our Customer Service

(678) 534 2876

Retain this manual for future use.