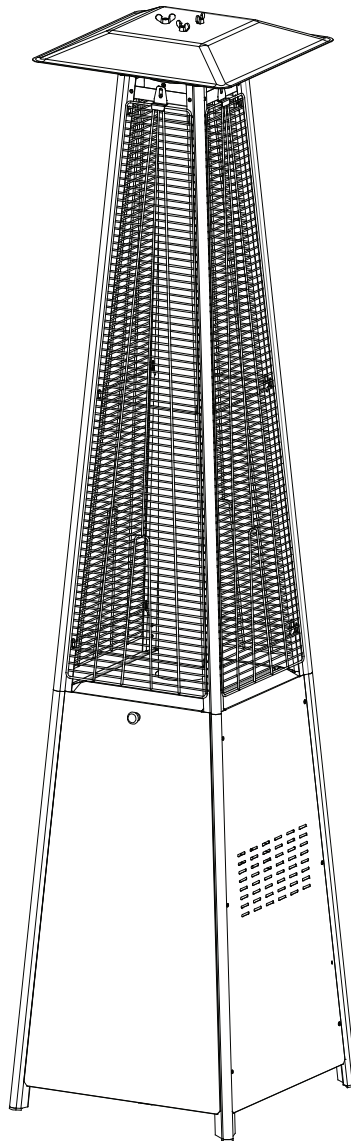


ALEKO®

PATIO HEATER

MODEL# PYRAMID SQUARE

Owner's Manual



Intertek
5016039

ANSI 83.26-2014
CSA 2.37-2014

SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.

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

DANGER

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

CAUTION

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

WARNING

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

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

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.

WARNING

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

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.

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 product 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 from the sides & 3 feet from the top.

WARNING

BURN HAZARD

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

DANGER

- **EXPLOSION - FIRE HAZARD**
- Never store propane near high heat, open flames, direct sunlight, other ignition sources or where temperatures exceed 120 degrees 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 the propane cylinder
- This heater is red hot during use and can ignite flammables that are too close to the burner. Keep flammables at least 3 feet from sides & 3 feet from top. Keep gasoline and other flammable liquids and vapors well away from heater.
- Store the propane cylinder outdoors in a well-ventilated space out of 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.

WARNING

We cannot foresee every use which may be made of our heaters.
Check with your local fire safety authority if you have questions about heater use.
Other standards govern the use of fuel gases and heat producing products for specific uses. Your local authorities can advise you about these.
If no local codes exist, follow National Fuel Gas Code, ANSI Z223.1. In Canada, installation must conform to local codes. If no local codes exist, follow the current National standards of CANADA CAN/CGA-B 149.2.

WARNING

California Proposition 65
Combustion by-products produced when using this product contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

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 air flow into or out of the heater.
- Carbon Monoxide (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. You can't see it and you can't smell it. It's 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

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.

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.
- Use as a heating appliance only. Never alter in any way or use with any device.

WARNING

- 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 on or 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 by 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.

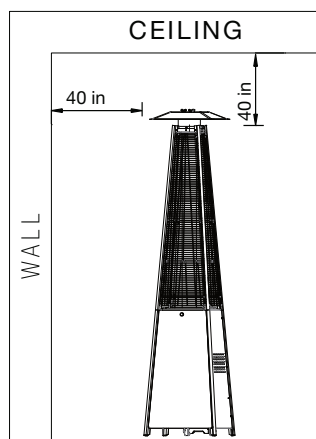
CAUTION

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.
- Use as a heating appliance only. Never alter in any way or use with any device.

WARNING

- For outdoor use ONLY.
- An amply ventilated area must have a minimum of 25 % of the surface area open.
- The surface area is the sum of the walls surface.



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 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 or use propane gas in compliance with local ordinances and codes or with ANS/NFPA 58. Turn off propane when not in use.

WARNING: For Outdoor Use Only

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.

WARNING

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.



PREPARATION

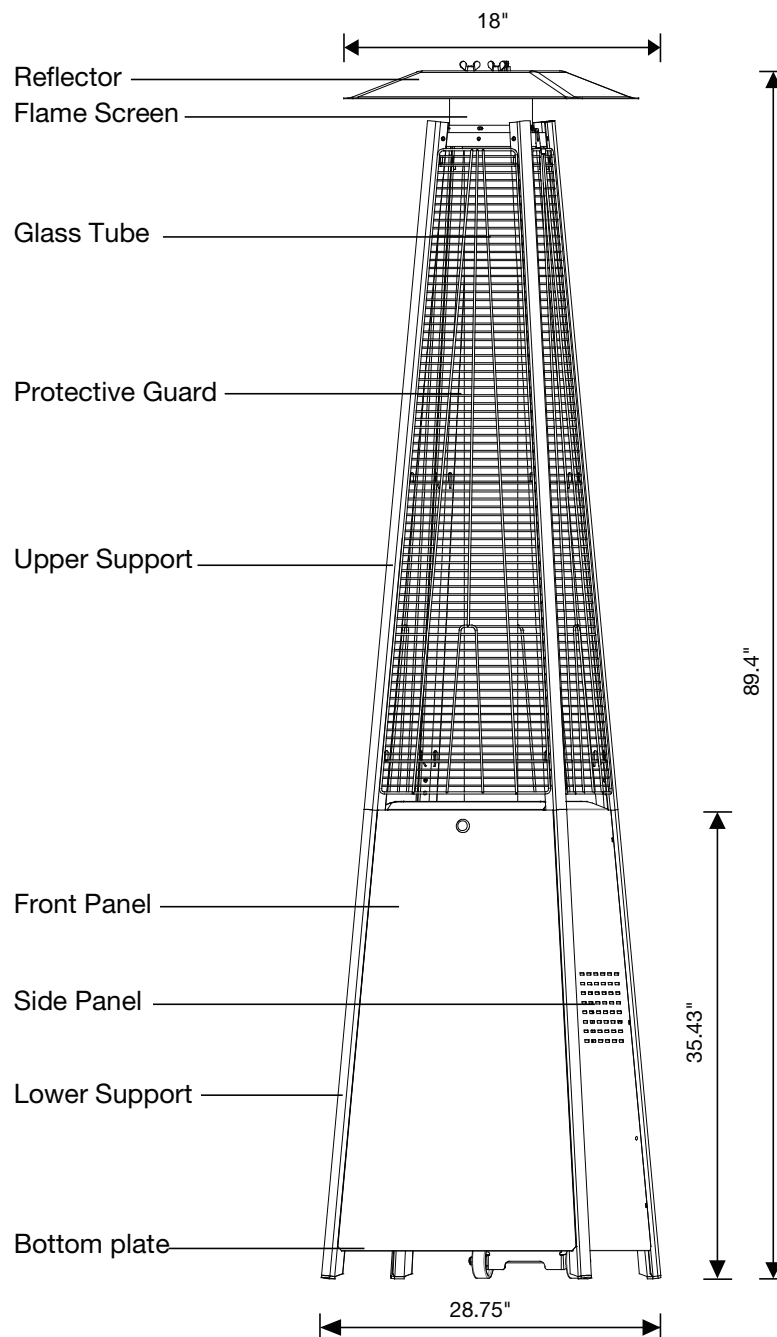
Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents above. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

Estimated Assembly Time: 60 minutes

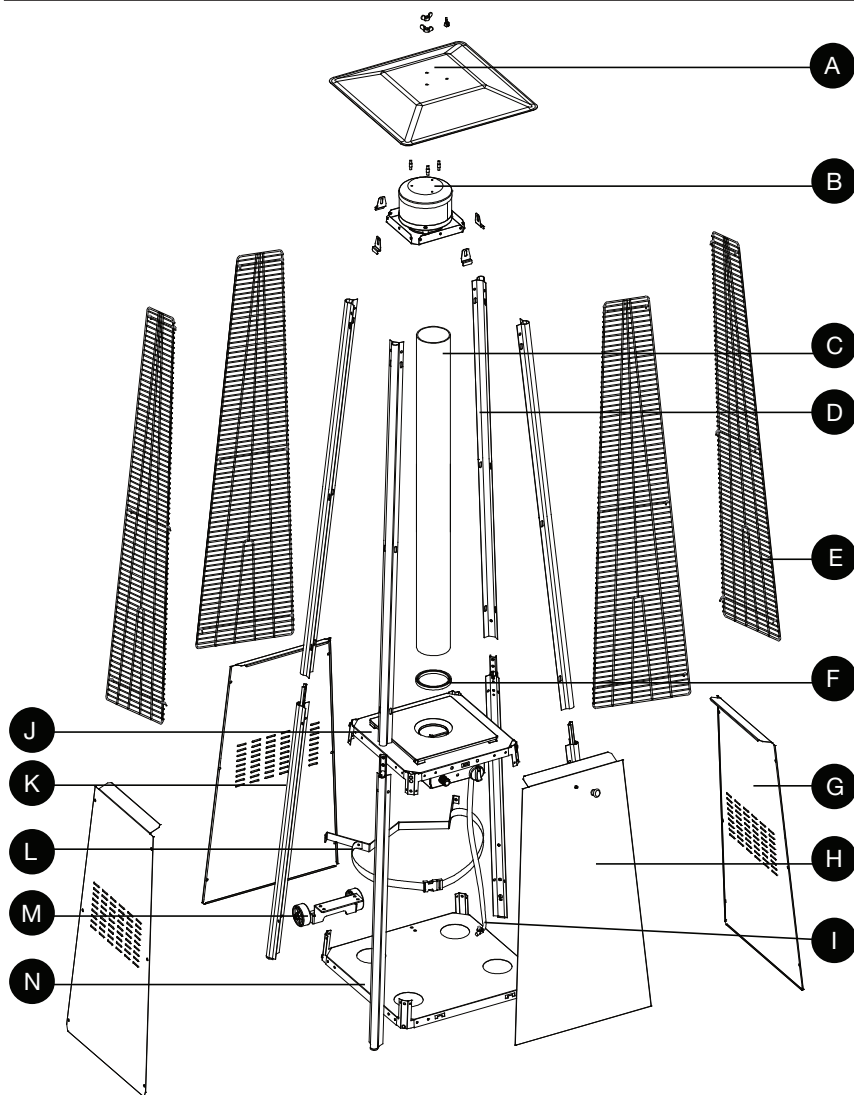
Tools Required for Assembly (not included):

Phillips screwdriver w/ medium blade. Leak Detection Solution.

PARTS AND SPECIFICATIONS

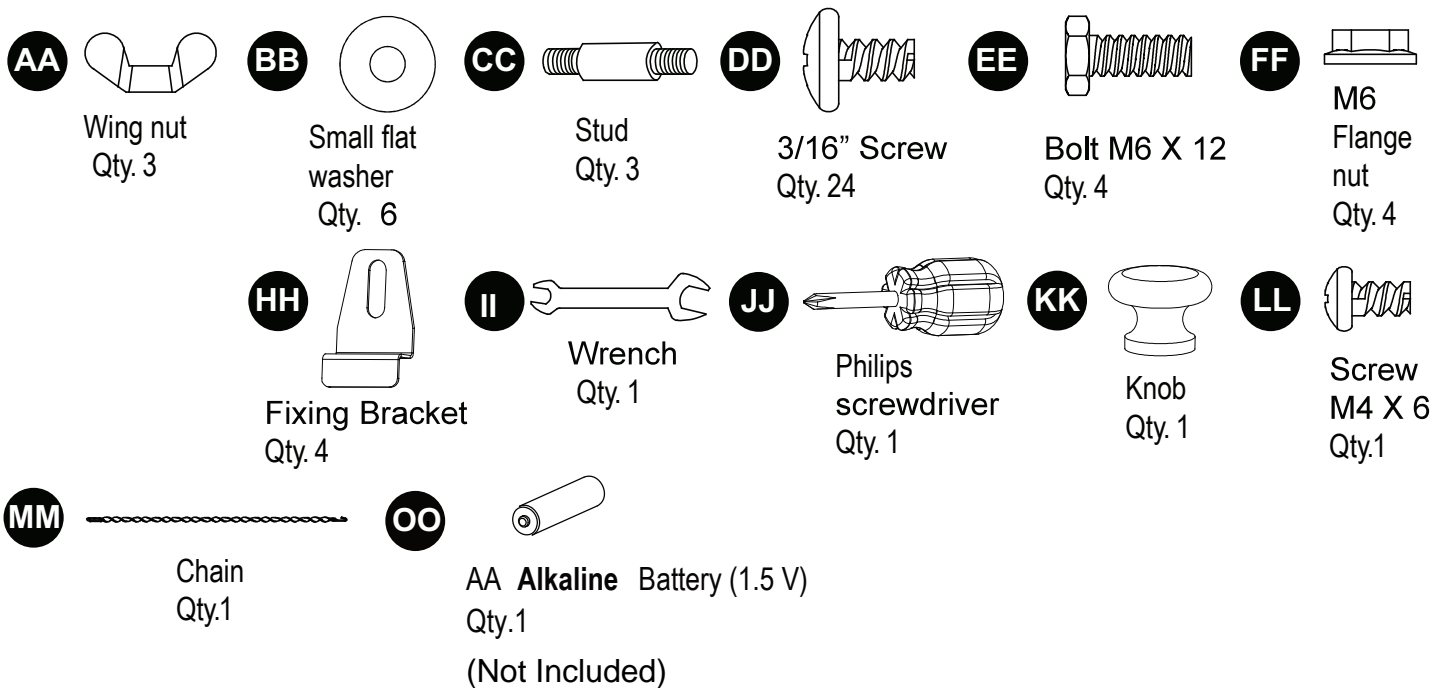


PACKAGE CONTENTS





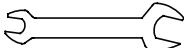
PART	DESCRIPTION	QUANTITY
A	Reflector	1
B	Flame Screen	1
C	Glass Tube	1
D	Upper Support	4
E	Protective Guard	4
F	Black Silicone Ring	1
G	Side Panel	3
H	Front Panel	1
I	Gas Hose	1
J	Control Box Assy	1
K	Lower Support	4
L	Block Belt	4
M	Wheel Assembly	1
N	Bottom Plate	1

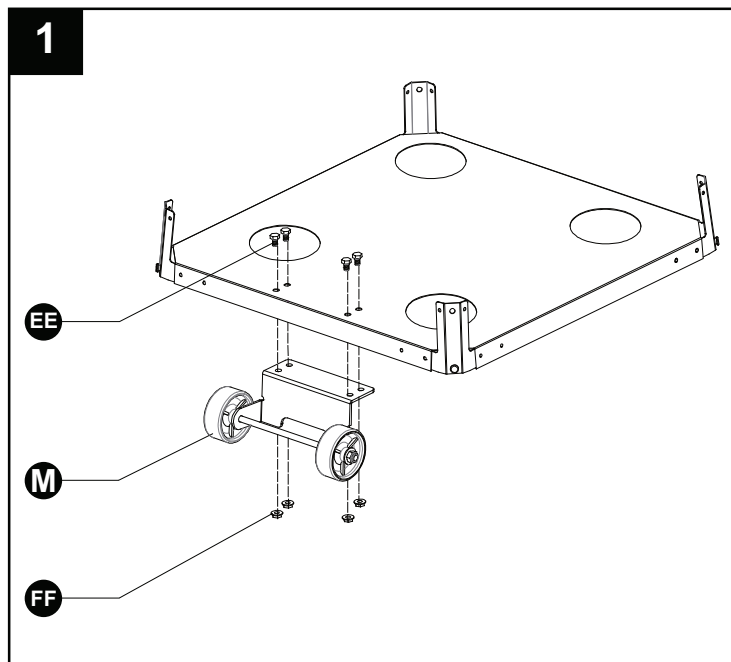
INCLUDED HARDWARE



1. Assemble the wheel assembly to the bottom plate. Fix the wheel assembly to the bottom plate using 4pcs bolt M6X12 and 4pcs flange nut M6.


Hardware Used

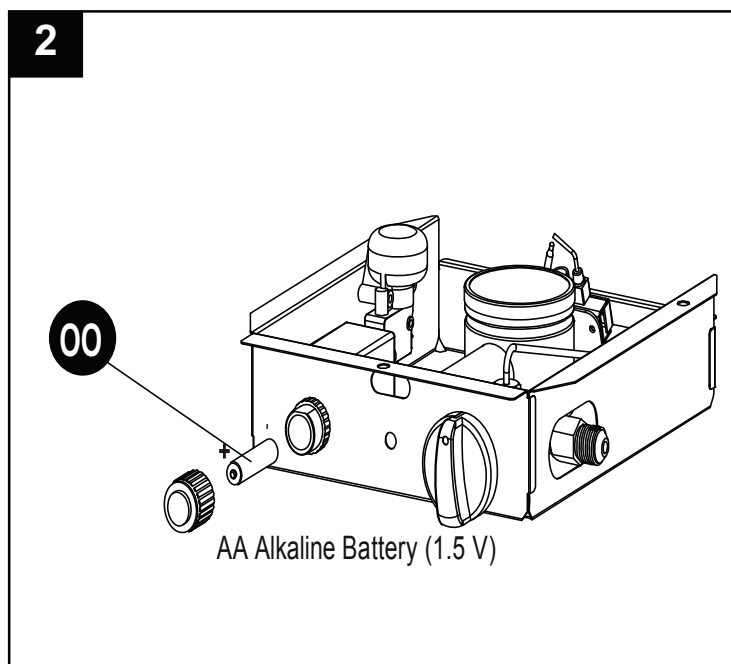
- EE** Bolt M6 x12  x 4
- FF** Bolt Flange Nut  x 4
- II** Wrench  x 1



2. Unscrew the switch button, insert AA alkaline battery, tighten the switch button.

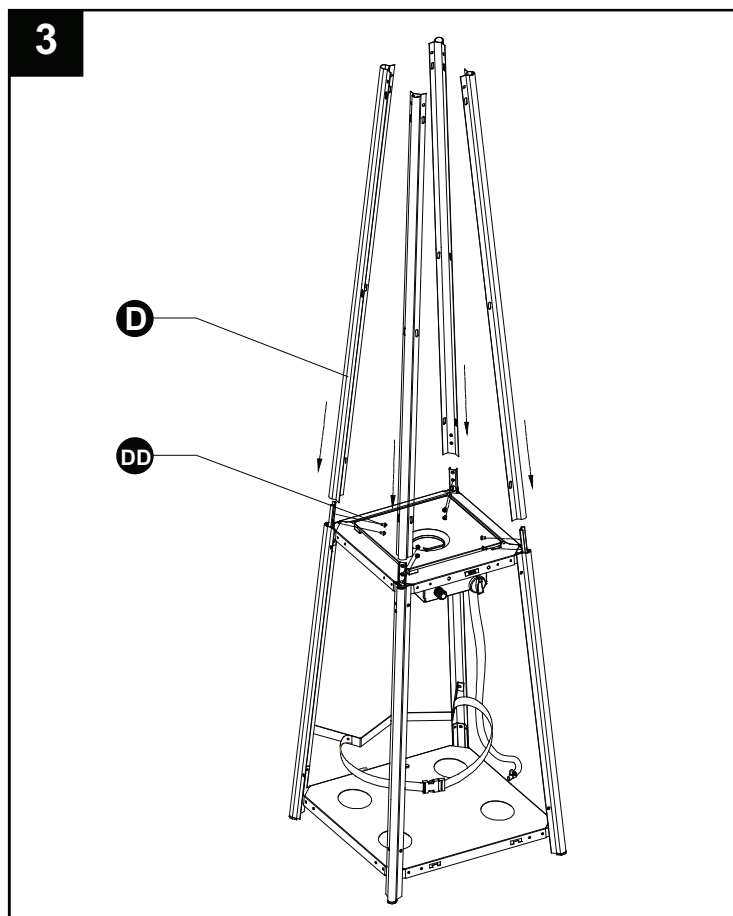
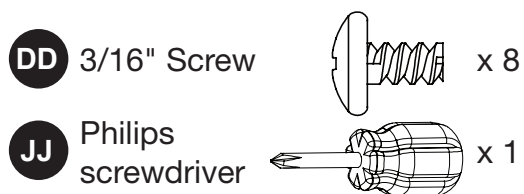
Hardware Used

- 00** AA Alkaline Battery  x 1
(Not Included)



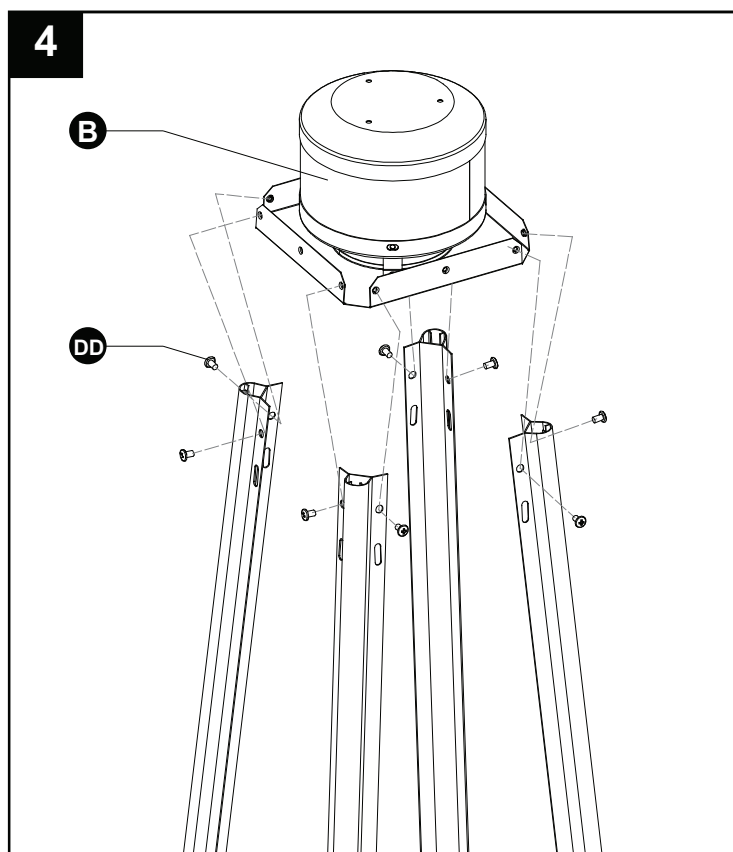
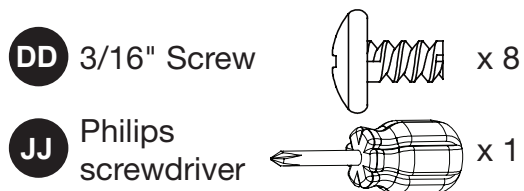
3. Assemble the middle support.
Insert the 4pcs upper support to the lower support. Secure them with 8pcs screw 3/16".

Hardware Used



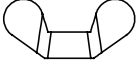
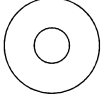
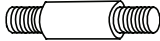
4. Assemble the flame screen to the upper support.
Secure the flame screen to the upper support using 8pcs screw 3/16".

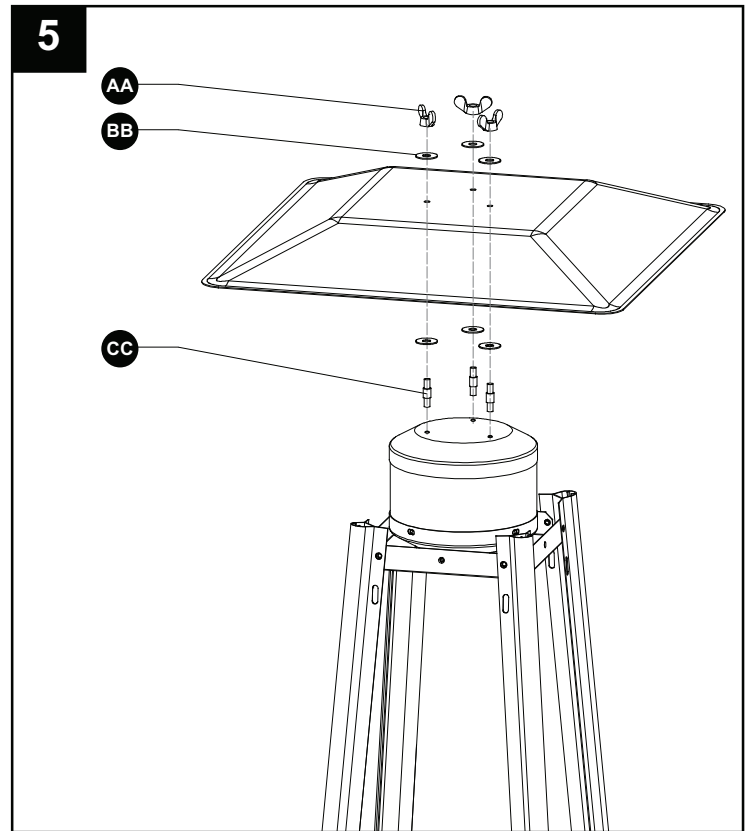
Hardware Used



5. Assemble the reflector onto the flame 5 screen. Screw the 3pcs stud on the flame screen, put 3 washers onto the top of stud, then put the reflector onto the stud, secure them with 3 washers and 3 wing nuts.

Hardware Used

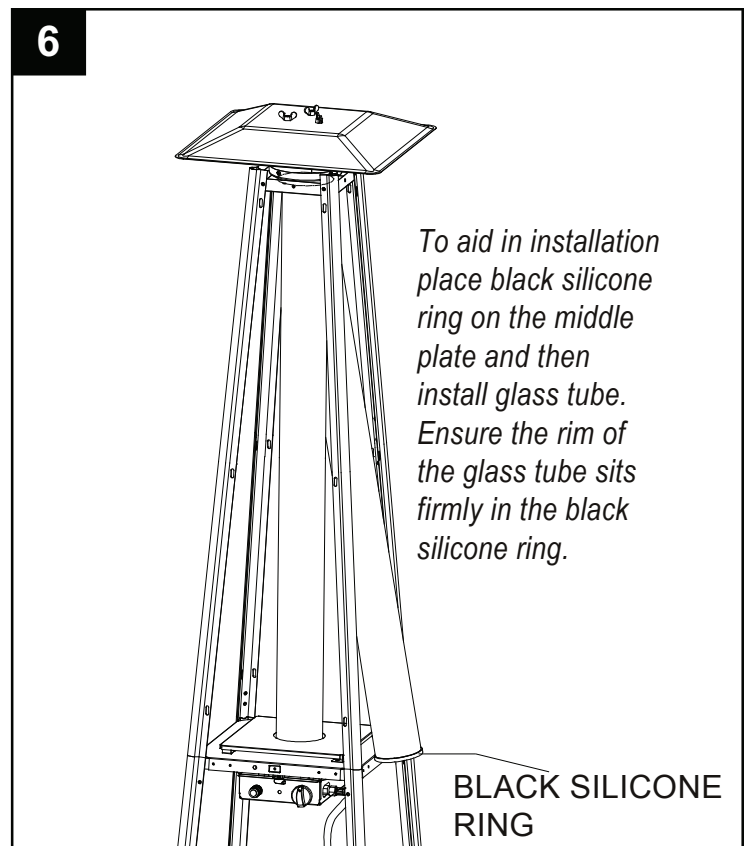
AA	Wing nut		x 3
BB	Washer		x 6
CC	Stud		x 3



6. Carefully install the glass tube by lifting up and inserting through the center hole in the upper plate. Ensure the black silicone ring is attached to the lower edge of the glass tube as illustrated. Slide the glass tube through the hole of the lower plate cover and onto the middle plate. Check and ensure that the glass tube is positioned properly and is completely covering the center hole of the middle plate.

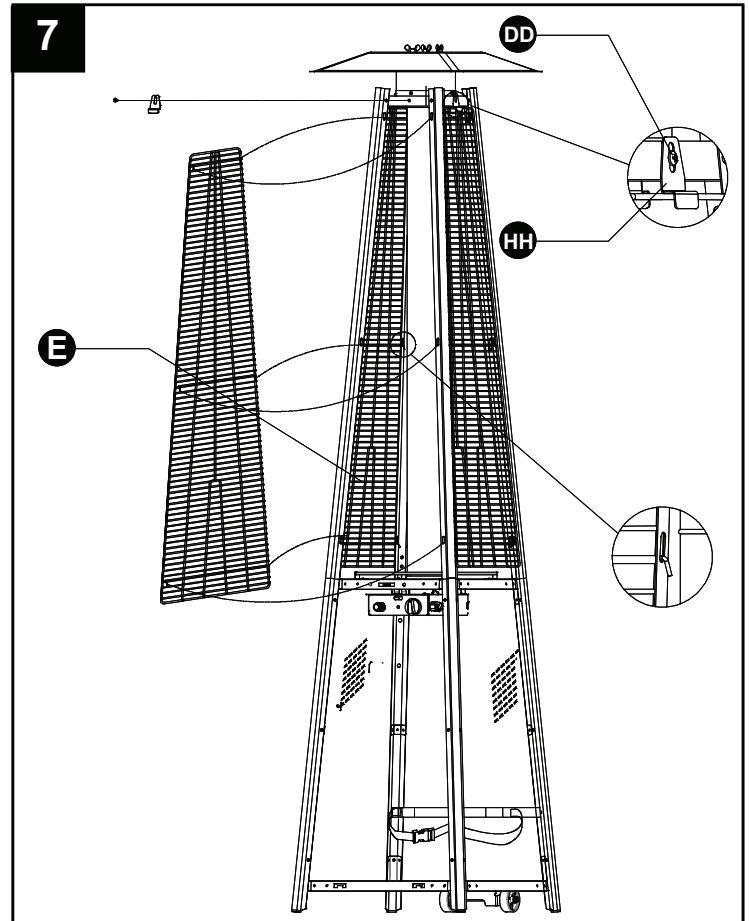
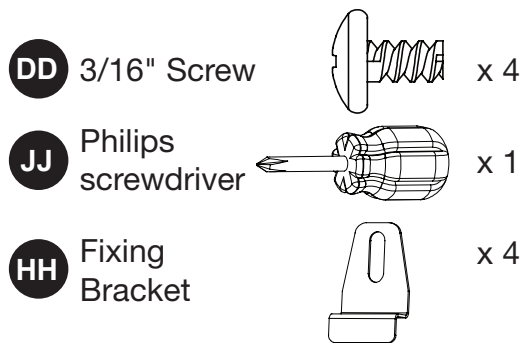
WARNING

The black silicone ring must be in place prior to operating the heater.



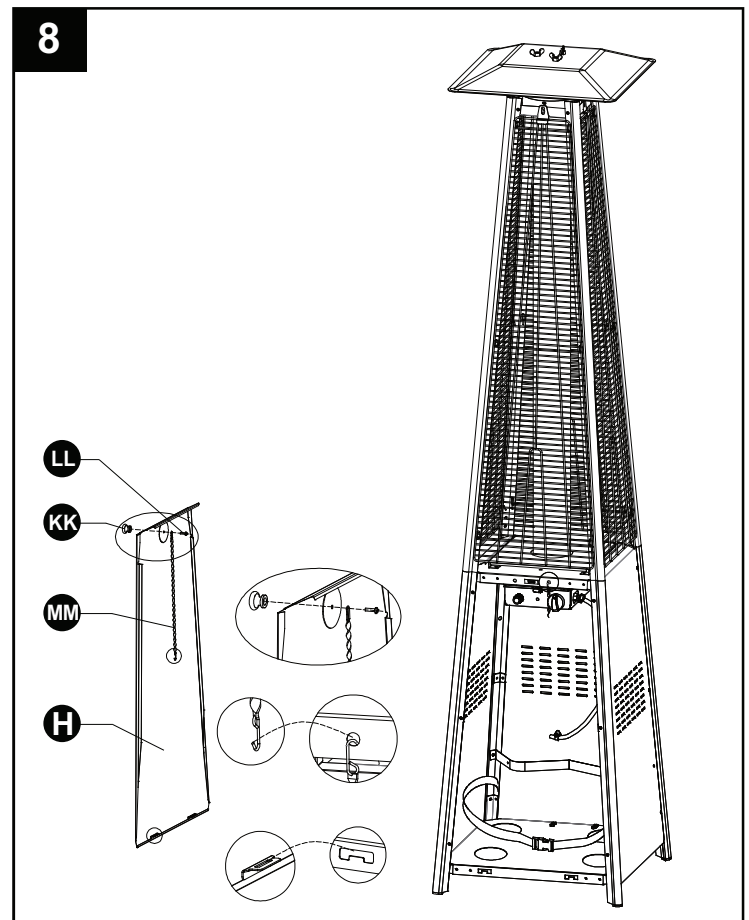
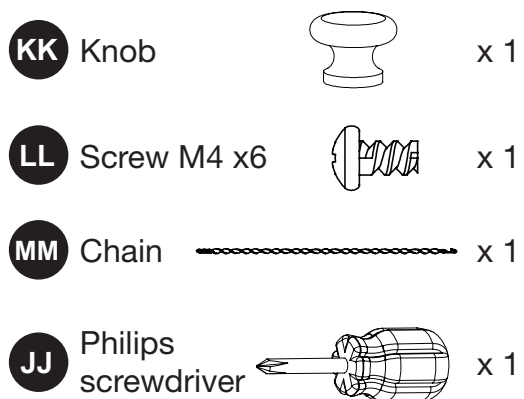
7. Assembly the protective guard. Hang the hooks of the protective guard onto the holes in supports. Secure the protective guards with fixing brackets with 4pcs 3/16" screws.

Hardware Used



8. Install the knob to M4X6 screw. Hang the chain to the hole on the control box assy and put the pothook of front panel to the holes of bottom plate.

Hardware Used

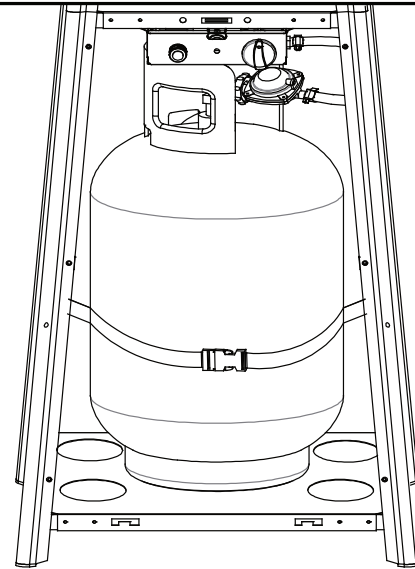


9. Connect the gas hose and regulator after that connect the regulator to the gas cylinder.

⚠ WARNING

Ensure the hose does not contact any high temperature surfaces, or it may melt and leak causing a fire. After the cylinder is placed inside the heater, secure the cylinder with block belt tightly.

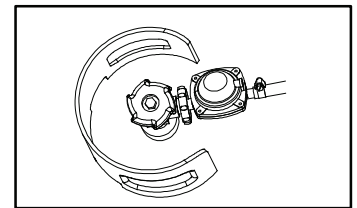
9



10. Leak testing: See leak testing diagram for areas to check. Turn all burner controls to the off position. Turn gas supply valve on.

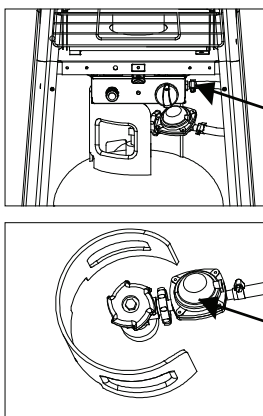
Brush a half-and-half solution of liquid soap and water onto all joints and connections of the regulator, hose, manifolds and valves.

Bubbles will indicate a gas leak. Either tighten the loose joint or have the part replaced with one recommended by the Customer Care department and have the patio heater inspected by a certified gas installer.



Regulator / Cylinder connection

Leak Check Diagram



⚠ WARNING

A leak test must be performed annually and each time a cylinder is hooked up or if a part of the gas system is replaced, and whenever any gas components are being replaced or serviced.

⚠ WARNING



Do not smoke while performing this test, and remove all sources of ignition.

⚠ WARNING



If the leak cannot be stopped, **immediately shut off the gas supply**, disconnect it, and have the patio heater inspected by a certified gas installer or dealer. Do not use the patio heater until the leak has been corrected.

⚠ WARNING

Never use an open flame to check for gas leaks. Be certain no sparks or open flames are in the area while you check for leaks. Sparks or open flames will result in a fire or explosion, damage to property, serious bodily injury, or death.

TO TURN ON THE HEATER

1. Turn on the valve on the gas supply cylinder completely.
2. Press and turn the variable control knob to PILOT position (counter-clockwise 90°).
3. Press down the variable control knob and hold for 30 seconds. While holding down the variable control knob, press the igniter button several times until the pilot flame lights. Release the variable control knob after the pilot flame lights.

Note:

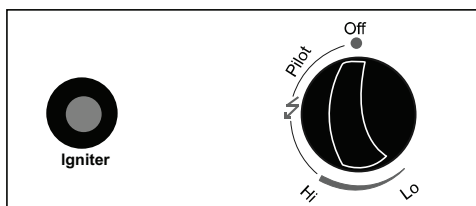
- If a new tank has just been connected, please allow at least one minute for the air in the gas pipeline to purge out through the pilot hole.
 - When lighting the pilot flame make sure that the variable control knob is continuously pressed down while pressing the igniter button. Variable control knob can be released after the pilot flame lights.
 - If the pilot flame does not light or goes out, repeat step 3.
4. After the pilot flame lights, turn the variable control knob to maximum position and leave it there for 5 minutes or more before turning the knob to desired temperature position.

WARNING

Check that no broken glass is found before operation.

TO TURN OFF THE HEATER

1. Turn the variable control knob to PILOT position.
2. Press and turn the variable control knob to OFF position.



Igniter

Variable control knob

Off: turn heater off
Hi: maximum temperature position
Lo: minimum temperature position

3. Turn off the valve on the gas supply cylinder completely.

STORAGE

1. Always close the gas valve of the gas cylinder after use or in case of a disturbance
2. Remove the pressure regulator and the hose.
3. Check the tightness of the gas valve for damage. If you suspect damage, have it changed by your gas dealer.
4. Never store liquid gas cylinder in a sub-terrain, or at places without adequate air ventilation.

CLEANING AND CARE

- Wipe off powder coated surfaces with soft, moist rag. Do not clean heater with cleaners that are combustible or corrosive.
- Remove debris from the burner to keep it clean and safe for use.
- Cover the burner unit with the optional protective cover when the heater is not in use.

TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Pilot will not light Note: heater operates at reduced efficiency below 40° (5°C)	Gas valve may be OFF	Turn the gas valve ON
	Tank fuel empty	Refill LPG tank
	Opening blocked	Clean or replace opening
	Air in supply system	Purge air from lines
Pilot will not stay on	Debris around pilot	Clean dirty area
	Loose connections	Tighten connections
	Thermocouple bad	Replace thermocouple
	Gas leak in line	Check connections
	Lack of fuel pressure	Tank near empty. Refill LPG tank.
Burner will not light	Pressure is low	Tank near empty. Refill LPG tank.
	Opening blocked	Remove and clean
	Control not ON	Turn valve to ON
	Thermocouple bad	Replace thermocouple
	Pilot light assembly bent	Place pilot properly
	Not in correct location	Position properly and retry

WARRANTY

This product carries a one (1) year warranty against defects in workmanship and materials. We will replace the defective product free of charge within the stated warranty period, when returned by the original purchaser with proof of purchase. This product is not guaranteed against wear or breakage due to misuse and/or abuse.