



 BRIZA

USER MANUAL

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CAUTION



WARNING: These instructions should be read carefully and retained for future use, we cannot be liable for any damages caused by not following these instructions.

Important Safety Instructions

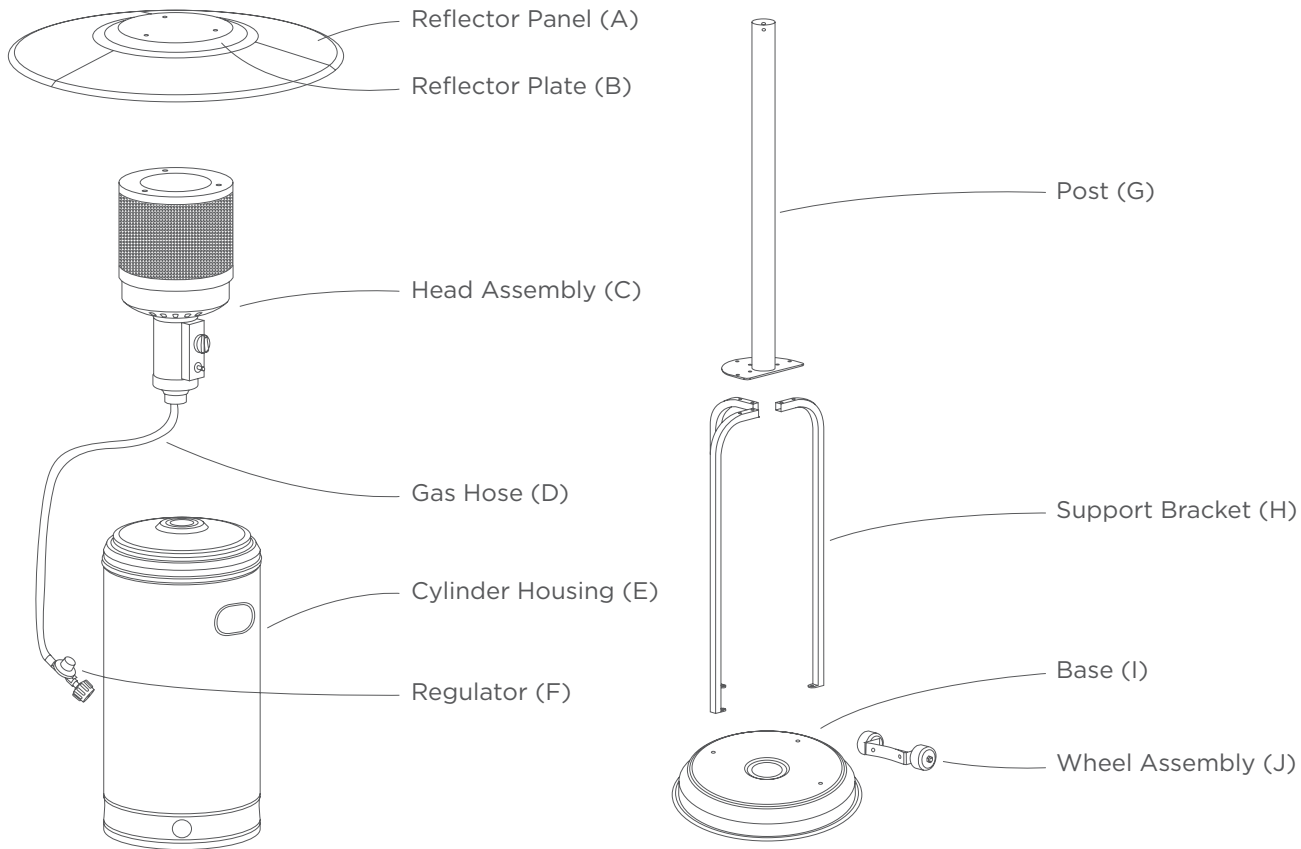
Operation of the heater can be dangerous. Observing the following procedures will reduce the risk of fire, injury to a person and minimize setup time.

1. Keep solid combustibles, such as building materials, paper or cardboard, a safe distance away from the heater.
2. Provide adequate clearance around air openings leading to the combustion chamber.
3. 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 vapours and liquids. Do not use heater in areas with high dust content. Minimum heater clearances from combustible materials is 1 m (3 ft) from the sides and 1 m (3 ft) from the top.
4. Never store propane near high heat, open flames, direct sunlight, other ignition sources or where temperatures exceed 49°C (120°F).
5. Propane vapours are heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
6. Never install or remove propane cylinder while heater is lit, near a flame, near other ignition sources or while heater is hot to the touch.
7. Store the propane cylinder outdoors in a well ventilated space out of reach from children. Never store the propane cylinder in an enclosed area. If the heater is stored indoors, disconnect the propane cylinder to store outdoors.
8. This heater is a combustion appliance that produces carbon monoxide. This product is designed to produce extremely minute, non-hazardous amounts of carbon monoxide if used and maintained in accordance with all warnings and instructions.
9. Carbon monoxide poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. It can't be seen and cannot be smelled. If these symptoms are present during operation of this product get fresh air immediately.
10. For outdoor use only. Never use inside house or other unventilated or enclosed areas.

CAUTION

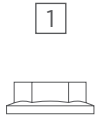
11. California Proposition 65: Combustion by-products produced when using this product contain chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.
12. This product is fuelled by propane gas. Propane gas is invisible, odourless, and flammable. An odourant is normally added to help detect leaks and can be described as a “rotten egg” smell. The odourant can fade over time so leaking gas is not always detectable by smell alone.
13. Store or use propane gas in compliance with local ordinances and codes or with ANS/NFPA 58. Turn off propane when not in use.
14. Never leave heater unattended when hot or in use. Keep out of reach from children.
15. Certain materials or items, when stored under the heater, will be subjected to radiant heat and could be seriously damaged.
16. Replace any guard or protective device removed for servicing the appliance prior to use.
17. Installation and repair should be done by a qualified service person. The heater should be inspected before use 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.
18. Keep all connections and fittings clean. Make sure propane cylinder valve outlet is clean.
19. During set up, check all connections and fittings for leaks using soapy water. Never use a flame.
20. Use as a heating appliance only. Never alter in any way or use with any device.

COMPONENTS

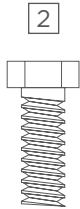


COMPONENTS

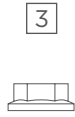
Parts are to scale for visual reference.



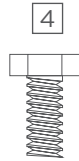
M8
Flange
Nut
(Qty: 2)



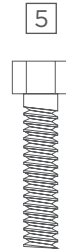
M8 x 16
Bolt
(Qty: 5)



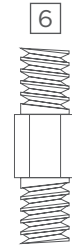
M6
Flange
Nut
(Qty: 6)



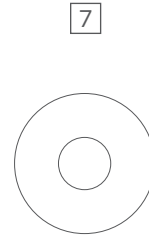
Stainless
Steel Bolt
(Qty: 4)



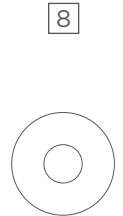
M6 x 30
Bolt
(Qty: 6)



Reflector
Spacer
(Qty: 3)



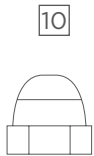
M8
Washer
(Qty: 9)



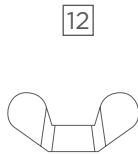
M6
Washer
(Qty: 9)



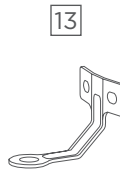
M6 x 10
Screw
(Qty: 9)



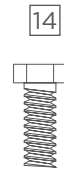
Cap Nut
(Qty: 9)



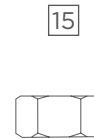
Wing Nut
(Qty: 3)



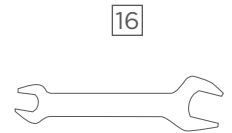
Ground
Fixtures
(Qty: 3)



M6 x 10
Bolt
(Qty: 6)



M6 Nut
(Qty: 6)



Wrench
(Not to
scale)

SETUP & INSTALLATION

Recommended Tools

Philips Screw Driver

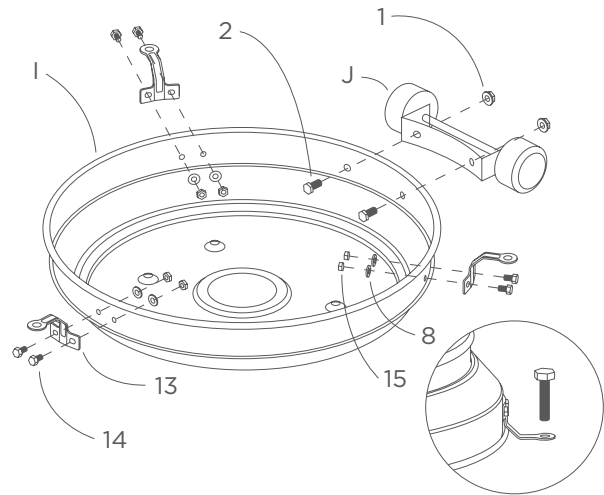
Soapy Water (one part dish soap and three parts water)

Assembly

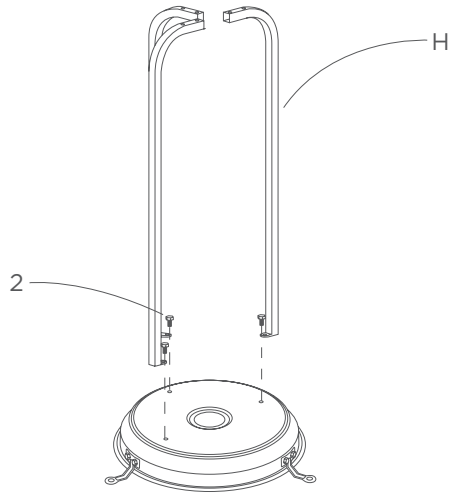
Before beginning assembly of product, make sure all parts are present. Compare parts with components section. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

Attach wheel kit (J) to base (I). Line up holes in wheel bracket with corresponding holes in base, insert two M8 x 16 bolts (2) through holes, and finger tighten two M8 flange nuts (1). Reverse the base (I), fix the ground fixture (13) to the base with two M6 x 10 bolts (14) and two M8 washers (8). Secure the ground fixture (13) with two M6 nuts (15). Fix another two ground fixtures (13) with bolts and nuts, and reverse the base (I).

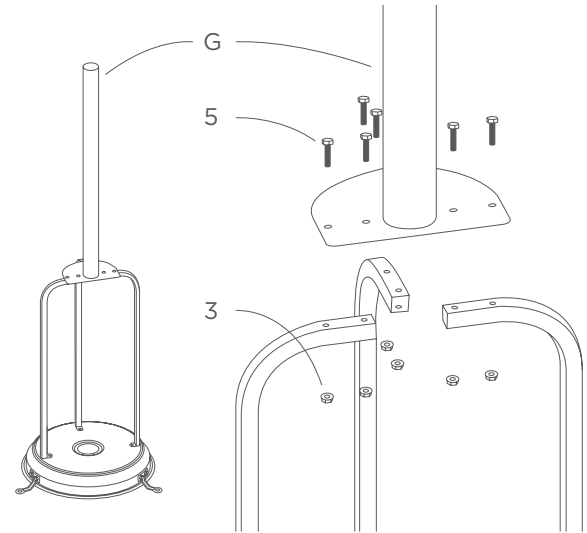
Note: To secure the unit to the ground, please use three M8 x 100 nails (not included).



SETUP & INSTALLATION

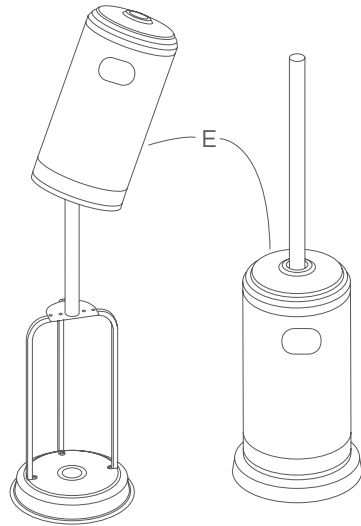


Attach three support brackets (H) loosely to base (I) with three M8 x 16 bolts (2).

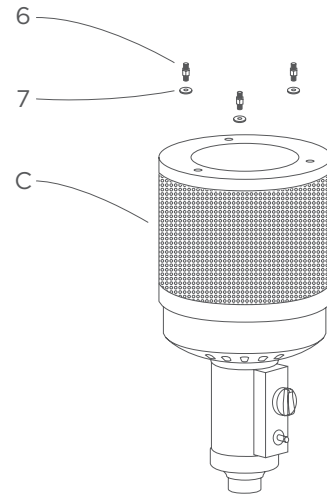


Attach post (G) to three support brackets (H) using six M6 x 30 bolts (5) & six M6 flange nuts (3). Fully tighten all bolts.

SETUP & INSTALLATION

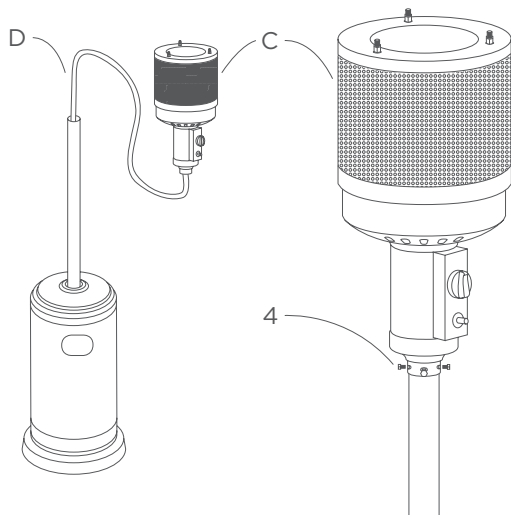


Load cylinder housing (E) onto post (G) and slide down.



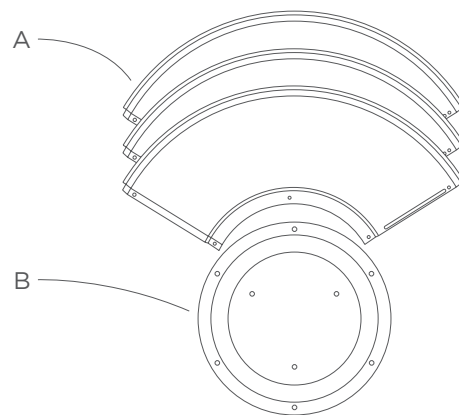
Attach reflector spacers (6) and three M8 washers (7) to top of head assembly (C). Tighten the reflector spacers (6). Unscrew four stainless steel bolts (4).

SETUP & INSTALLATION



Load head assembly (C) by inserting gas hose (D) into post (G). Insert head assembly (C) into post (G). Attach head assembly (C) to post (G) and loosely install four stainless steel bolts (4). Tighten bolts securely.

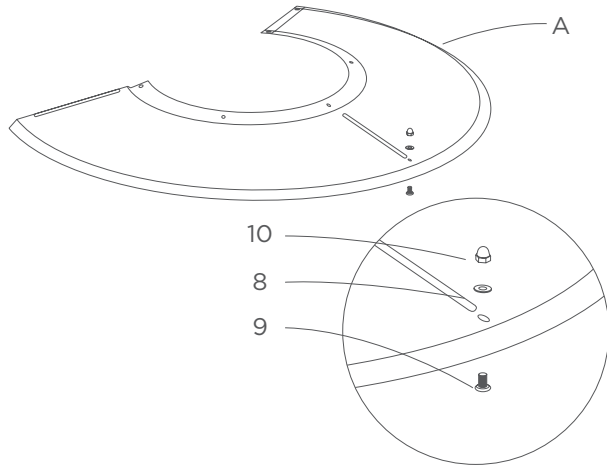
Note: The control knob on head assembly (C) should be above the decal on post (G).



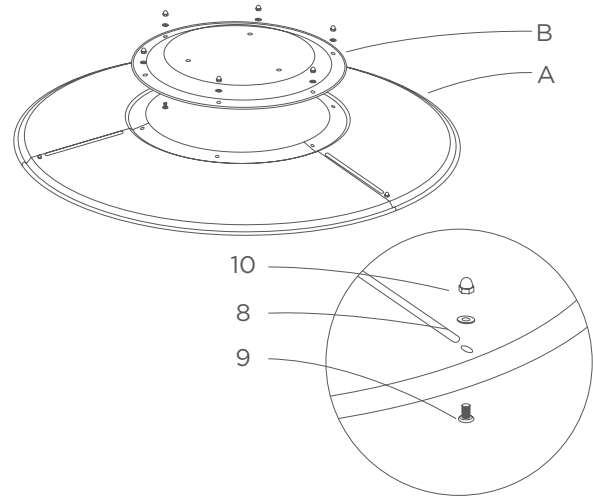
Remove protective cover from reflector panels (A) and reflector plate (B) before assembling.

Note: If necessary for proper alignment of reflectors, loosen each bolt prior to further assembly and retighten after sections are aligned.

SETUP & INSTALLATION

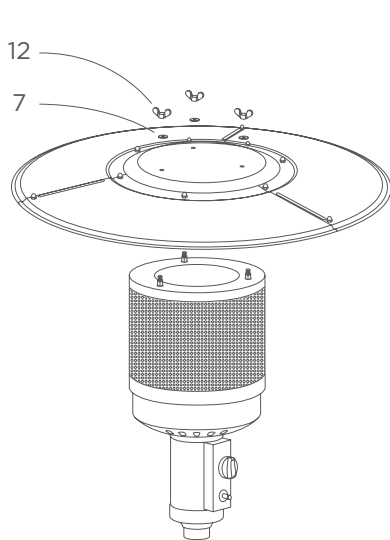


Slide two reflector panels (A) together. Insert one M6 x 10 screw (9). Slide one M6 washer (8) over threaded end of M6 x 10 screw (9) and screw on cap nut (10) loosely.

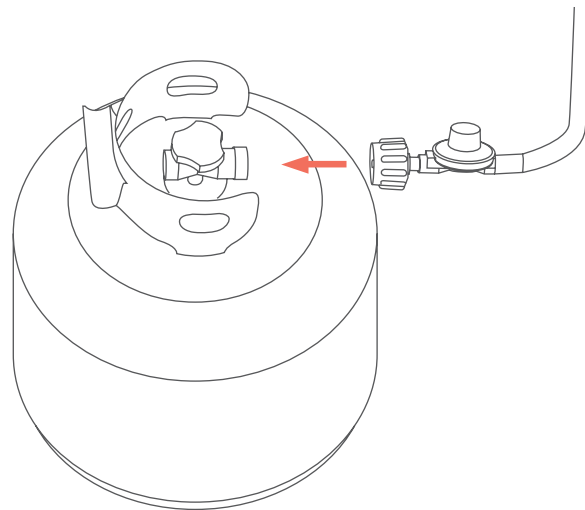


Slide reflector plate (B) onto reflector panels (A). Insert one M6 x 10 screw (9). Slide one M6 washer (8) over threaded end of M6 x 10 screw (9) and screw on cap nut (10) loosely. Repeat procedure to complete the assembly of all four sections. Fully tighten all of the screws on the rolled edge.

SETUP & INSTALLATION



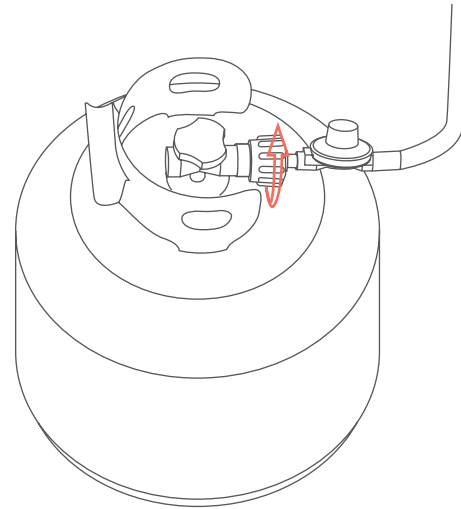
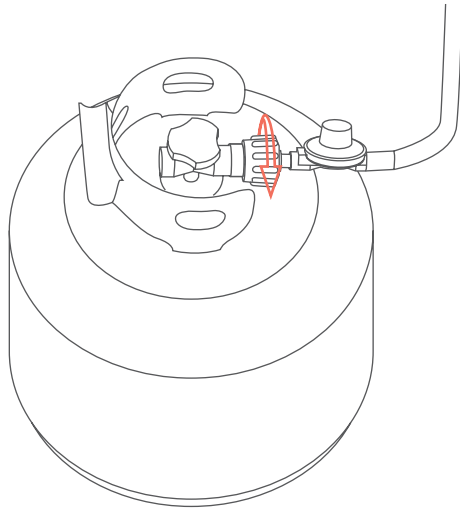
Slide three M8 washers (7) over threaded end of reflector spacer (6). Place reflector assembly on three spacers. Install three M8 washers (7) on spacers and securely tighten wing nuts (12) but make sure not to over-tighten.



Connect hose and regulator to cylinder. The propane gas and cylinder are sold separately. Make sure everything is connected securely.

Note: Only use a standard 20 lb tank with a propane vapour withdrawal supply system.

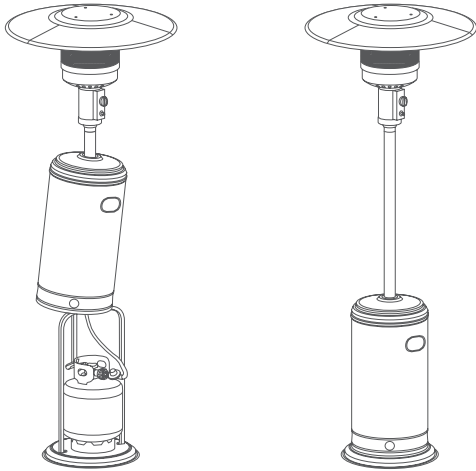
SETUP & INSTALLATION



The knob on the LP tank must be closed. Make sure that the knob is turned clockwise to a full stop. The cylinder supply system must be arranged for vapour withdrawal. Check that the control knob on the unit is turned off. Hold the regulator in one hand and insert the fitting into the valve outlet. Be sure the fitting is centred in the valve outlet. The coupling nut connects to the large outside threads on the valve outlet. Hand-tighten the coupling nut clockwise until it comes to a full stop. Firmly tighten by hand only.

To disconnect fully close the tank valve by turning clockwise. Turn the coupling nut counterclockwise until the regulator assembly detaches.

SETUP & INSTALLATION



Attach regulator to cylinder and place the tank in the unit. Place the cover over the tank.

Tank Specification

A dented, rusted or damaged propane cylinder may be hazardous and should be checked by your cylinder supplier. Never use a propane cylinder with a damaged valve connection.

The propane cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT) or the standard for cylinders, spheres and tubes for transportation of dangerous goods CAN/CSA-B339.

The cylinder must have a listed overfilling prevention device.

The cylinder used must include a collar to protect the cylinder valve.

Never connect an unregulated propane cylinder to the heater.

SETUP & INSTALLATION

Leak Test

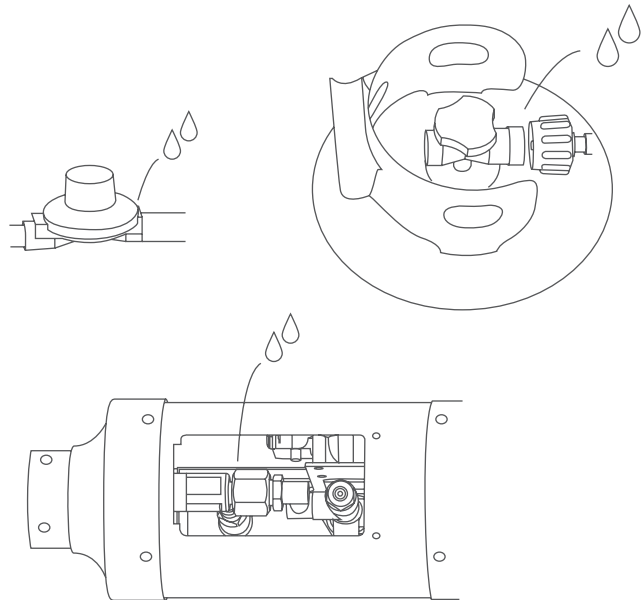
Whenever gas connections are loosened or removed, you must perform a complete leak test. Make sure that the leak test is done outside and that all connections are secure before beginning the test.

1. Make 60-90 mL (2-3 oz) of soapy water (one part dish soap and three parts water).
2. Make sure the patio heater and valves are off.
3. Apply solution where hose attaches to regulator.
4. Apply solution where regulator connects to cylinder.
5. Turn cylinder valve on.

If bubbles appear at any connection, there is a leak.

6. Turn cylinder valve off.
7. If leak is at hose/regulator connection: tighten connection and perform another leak test. If bubbles continue appearing, the hose should be returned to the place of purchase.
8. If leak is at regulator/cylinder valve connection: disconnect, reconnect, and perform another leak test. If you continue to see bubbles after several attempts, cylinder valve is defective and should be returned to cylinder's place of purchase.

If NO bubbles appear at any connection, they are secure.



SETUP & INSTALLATION

Before Use

This unit cannot be used indoors in an inclosed space. It is designed to be used outdoors but can be used in spaces that follow these restrictions:

- Walls on all sides, but 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 percent or more of the horizontal periphery of the enclosure is permanently open.

Before Turning Gas Supply On

- Your heater was designed and approved for outdoor use only. DO NOT use it inside a building, garage, or any other enclosed area.
- Make sure surrounding areas are free of combustibile materials, gasoline, and other flammable vapours 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 cylinder cover is clear of debris. Be sure any component removed during assembly or servicing is replaced and fastened prior to use.

Before Lighting

- Heater should be thoroughly inspected before each use, and by a qualified service person at least annually. If relighting a hot heater, always wait at least 5 minutes.
- Inspect the visible portion of the hose before each use of the appliance. If the hose leaks, it must be replaced prior to operation. Only use the replacement hose assembly specified by manufacturer.
- The pressure regulator and hose assembly supplied with the appliance must be used. Replacement pressure regulators and hose assemblies must be those specified by the appliance manufacturer.

OPERATION

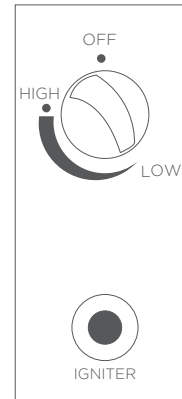


WARNING: Avoid inhaling fumes from the heater's first use. Smoke from the burning of oils used in manufacturing may appear. Smoke will dissipate after approximately 30 minutes. There should NOT be thick black smoke.

Lighting

Improper operation can cause injury or property damage. If burner fails to remain lit, all valves should be closed at least 5 minutes before attempting to light again.

1. Turn on the valve on the gas cylinder.
2. Press and turn the control knob to HIGH (maximum) position (counter-clockwise 90°).
3. Holding down the control knob, press the igniter button several times until the main flame is lit. Release the control knob 10 seconds after the ignition.
4. Turn the control knob to LOW (minimum) and leave it there for 5 minutes or more before turning it to the desired setting.
5. If the burner flame goes out, turn off the heater and wait at least 5 minutes to let the gas dissipate before re-lighting to avoid explosion. Repeat steps 2 to 4.



OPERATION

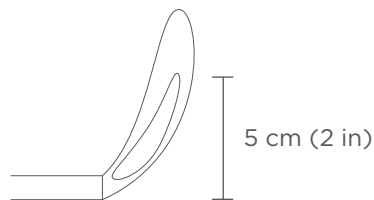
Flame

Burner screen will become bright red due to intense heat. The colour is more visible at night. Burner will display tongues of blue and yellow flame. These flames should not be yellow or produce thick black smoke, which indicates an obstruction of airflow through the burners. If excessive yellow flame is detected, turn off heater.

Normal



Abnormal



After Use

Turn the heater to the off position. On the propane tank turn the valve clockwise to OFF and disconnect regulator from the tank. After use, some discolouration of the burner screen is normal. Before moving the unit make sure that it has cooled down for at least 45 min to prevent burns or fire.

CLEANING & MAINTENANCE

To get the most from your heater, make sure you perform the following maintenance on a regular basis:

- Keep exterior surfaces clean by using warm soapy water for cleaning. Never use flammable or corrosive cleaning agents.
- Be sure to keep the area around the burner assembly 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.
- Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapours and liquids.
- Do not obstruct the flow of combustion and ventilation air.
- Keep the ventilation opening(s) of the cylinder enclosure free and clear of debris.
- Air flow must be unobstructed. Keep controls, burner, and circulating air passageways clean.

Storage and Transportation

- Turn control knob OFF.
- Disconnect propane tank and move to a secure, well-ventilated location outdoors.
- 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. If using a cover wait until heater is cool before placing it on.
- Never leave propane tank exposed to direct sunlight or excessive heat.

CLEANING & MAINTENANCE

Visually check portions of the hose assembly located within the confines of the heater post. Inspect the entire hose assembly at least annually, disassembling the reflector and burner. Inspect the hose assembly for evidence of excessive abrasion, cuts, or wear. Suspected areas should be leak tested. Issues can be caused by not cleaning the device:

- Gas odour with extreme yellow tip of flames.
- Heater does NOT reach the desired temperature.
- Heater glow is excessively uneven.
- Heater makes popping noises.
- 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 reflector and burner screen with warm soapy water if any carbon deposits develop.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTION
Burner will not light.	1. Propane cylinder is frosted over.	1. Wait until the propane cylinder warms up and is defrosted.
	2. Blockage in orifice.	2. Clear blockage.
	3. Control knob is not in ON position.	3. Turn control knob to ON.
Burner flame is low.	1. Gas pressure is low.	1. Turn cylinder valve OFF and replace cylinder.
	2. Outdoor temperature is less than 5 °C (40 °F) in conjunction with the tank being less than 1/4 full.	2. Use a full cylinder.
	3. Blockage in orifice.	3. Clear blockage.
Carbon build-up or thick black smoke.	1. Dirt or film on reflector and burner screen.	1. Clean reflector and burner screen.
	2. Blockage in burner.	2. Remove blockage and clean burner.



For further questions regarding the set up of your Briza heater or for troubleshooting tips please visit our website www.brizacomfort.com. You will find help for frequently asked questions in the FAQ section.

Recycling

At the end of the product life make sure to bring it into your local recycling facility or call your regional recycling authorities for instructions on how to properly dispose of the unit.

TECHNICAL INFORMATION

Power	48,000 BTU
Tank Size	20 lb
Dimensions	82x82x221 cm (32x32x87 in)

Propane tank not included

Batten Industries Inc.
114-2455 Dollarton Hwy.
North Vancouver, BC, V7H 0A2
Toll Free 1.888.984.7471
info@brizacomfort.com

brizacomfort.com

