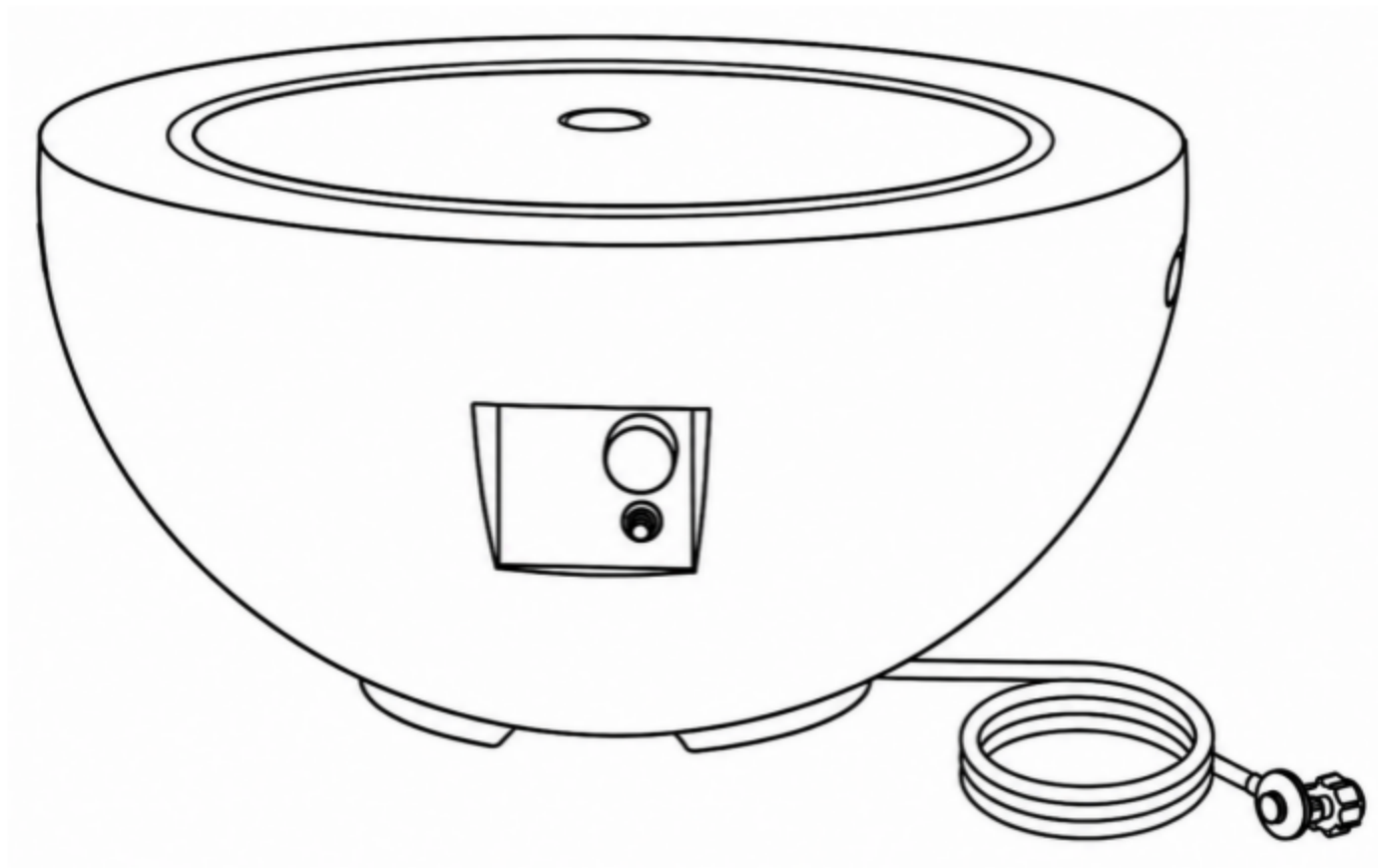
USE AND CARE GUIDE

OUTDOOR PROPANE GAS FIRE PIT



Model No.	[RS-U23001]
Rated Input	[40000 BTU/h]
Fuel	Propane Gas Only

INSTALLER: Leave this manual with the appliance. CONSUMER: Retain this manual for future reference.

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Safety Information

INSTALLER:
Leave this manual with the appliance.

CONSUMER:
Retain this manual for future reference.

⚠WARNING

Do not store or use gasoline or otherflammable vapors and liquids, in thevicinity of this or any other appliance.An LP-cylinder not connected for useshall not be stored in the vicinity ofthis or any other appliance.

⚠ADANGER

FIRE OR EXPLOSION HAZARD

If you smell gas

1. Shut off gas to the appliance
2. Extinguish any open flame.
3. If odor continues, leave the area immediately.
4. from a safe location, call your gas supplier or fire department.

Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death

5. Do not attempt to repair a gas leak yourself.

⚠ADANGER

When Fire Pit is not in use - disconnectPropane Tank.

If Fire Pit is stored indoors - remove Propane Tank.

⚠ADANGER

This Fire Pit must be attended at all times!

⚠ADANGER

If the information in this manual is not followed exactly, a fire or explosionmay result causing property damage,personal injury, or loss of life

⚠ADANGER

USE PROPANE GAS ONLY.

For use with tanks marked propane only.

DO NOT connect to a remote gas supply.

Propane Tanks sold separately.

⚠ADANGER

FOR OUTDOOR USE ONLY!Installation and service must beperformed by a qualified installer,service agency, or the gas supplier.

SAFETY INFORMATION— CONTINUED

⚠WARNING

Read and follow all instructions and warnings in this Owner's Manual thoroughly before installing, operating, or servicing this fire pit.

Improper installation, use, maintenance, adjustment or storage can cause fire or explosion, resulting in serious injury or property damage.

Prepare for use:

Keep away from combustible/flammable items

- Do not put any other fireplace cover or anything flammable on or beneath the fire pit.
- Combustible materials should never be within 1.83 m / 6 ft of the top, 1.22 m / 4 ft of back or sides of the fire pit.
- For use on noncombustible floor material only.
- Keep the fire pit area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

Inspect for leaks, wear and damage

- Check for gas leaks before use - See the Leakage Test instructions on how to check for gas leaks.
- Inspect the burner and hose before use. Replace if there is evidence of excessive abrasion, wear, or damage.
- Inspect the hose before each use. The hose assembly must be replaced prior to use if there is evidence of excessive abrasion or wear, or if the hose is damaged. Use a manufacturer-specified replacement hose only.

Prepare the area, and ensure the proper use of the fire pit cover

- Make sure the ventilation openings on the sides of the fire pit body are open and clear of debris.
- Do not lay the nylon fire pit cover over the fire pit for at least 4 hours after it is turned OFF and has completely cooled down.
- Do not use the fire pit if any part has been under water. Immediately call a qualified service technician to inspect the fire pit and to replace any part of the control system and any gas control that has been under water.
- Remove the nylon fire pit cover from the fire pit before operating.

When in use:

Do's

- Use propane cylinders with the following required measurements only:

30.5 cm / 12 in. (diameter) × 45.7 cm / 18 in. (tall)
with capacity 9 kg / 18.4 lbs.

- If flame goes out while operating, turn gas valve OFF. Wait five minutes before attempting to relight.
- Due to high surface temperatures always keep a safe distance to avoid burning or clothing catching fire.
- Keep fuel supply hose away from any heated surfaces.

Don'ts

- Never lean over the open fire pit or place your hands or fingers on the upper portion while in use.
- Do not use the fire pit for cooking.
- Do not burn any other materials other than what is supplied with and intended for use in the fire pit.
- Solid fuels shall not be burned in this fire pit.
- Do not pour water into the fire pit.
- Do not move the fire pit while in operation.
- The fire pit should never be operated by children. Children must be supervised when they are anywhere near the fire pit.
- Do not rest your feet on the fire pit.
- Do not use the fire pit on vehicles or boats. Always operate the fire pit on flat ground outdoors.

When not in use:

- The cylinder must be disconnected when the fire pit is not in use.
- Remove the battery from the igniter when not using the fire pit for an extended length of time.
- Clean the battery contacts and also those of the device prior to battery installation.

SAFETY INFORMATION — CONTINUED



Observe the flame color and the flame height in the fire pit after being lit:

1.) The flame color should be yellow.

2.) The flame height burns at 2 - 10 inches high.

THIS PRODUCT USES PROPANE ONLY

- Use propane cylinders with the following required measurements only:
30.5 cm / 12 in (diameter) × 45.7 cm / 18 in (tall) with capacity 9 kg / 19.84 lbs.
- Max gas supply: 28 cm / 11 in. w.c. (2.74 kPa).
- Only cylinder marked “propane” may be used.
- If you see, smell, or hear the hiss of escaping gas from the propane cylinder:
  1. Turn off the gas supply and get away from the gas cylinder and the fire pit at once.
  2. Do not attempt to correct the problem yourself.
  3. Call your gas supplier and/or the fire department for help.
- A dented or rusty propane cylinder may be hazardous and should be cleared by your gas supplier prior to use.
- Do not attempt to disconnect the gas regulator or any gas fitting while the fire pit is in operation.
- The gas pressure regulator provided with the fire pit must be used.
- Do not use a propane cylinder with a damaged valve and any other worn-out parts.
- Transport and store empty propane cylinders carefully and properly.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothes catching fire.

- Young children should be carefully supervised when they are in the area of the fire pit.
- Clothing or other flammable materials should not be hung from the fire pit or placed on or near the fire pit.

Propane-gas supply cylinder to be used must be:

- Constructed and marked in accordance with the U.S. Department of Transportation (DOT) Specifications for LP-Gas Cylinders, or the Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Goods and Commission, CAN/CSA-B339, as applicable.
- Provided with a listed overfilling prevention device.
- Provided with a cylinder connection device compatible with the connection for the appliance.

When storing fire pit:

⚠WARNING：Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage.Refer to the owner's information manual provided with this appliance. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

Storage of the fire pit indoors is permissible only if the cylinder is disconnected and removed from the fire pit.Cylinders must be stored outdoors in a well-ventilated area out of 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.

Turn OFF the control knob and close the propane cylinder valve.Turn the coupling nut counterclockwise by hand only—do not use tools to disconnect.Loosen the cylinder screw beneath the bottom shelf, then lift the propane cylinder up and out of the shelf.Place the dust cap on the cylinder valve outlet whenever the cylinder is not in use.

The propane-gas supply cylinder must be disconnected when this appliance is not in use.

Repairs should be done by a qualified service person.The fire pit 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 the control compartment, burners, and circulating air passageways of the appliance are kept clean.

Any guard or other protective device removed for servicing the appliance shall be replaced prior to operating the appliance.

Installation and repair should be done by a qualified service person.

The appliance 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 the control compartment, burners, and circulating air passageways of the appliance are kept clean.

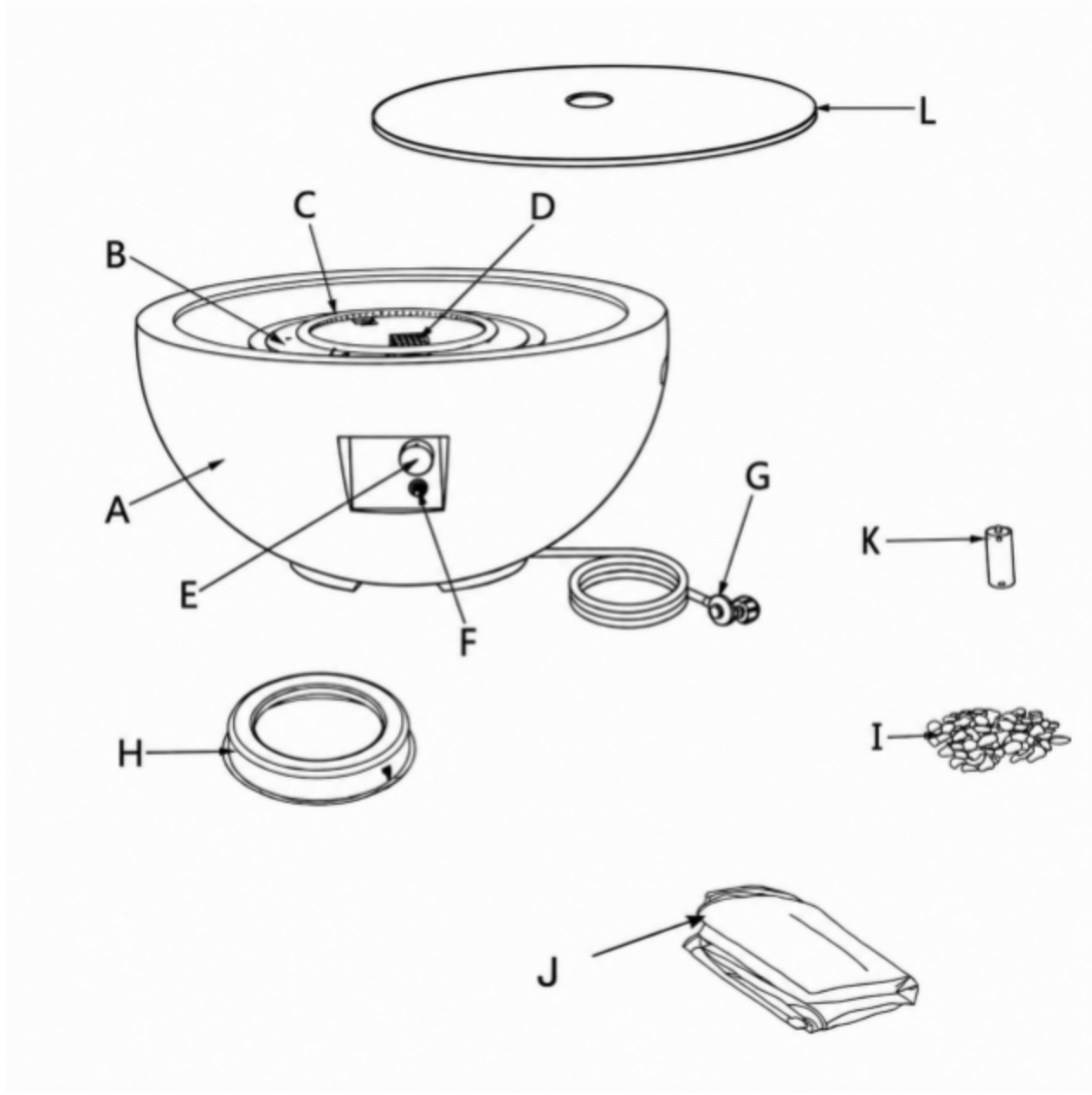
FOR YOUR SAFETY:

Surfaces of the fire pit can remain extremely hot for a period after use. Allow 45 minutes to cool down before touching or moving the fire pit.

PRE-ASSEMBLY

Before assembly, compare all components with the package-contents list. If any component is missing or damaged, do not assemble or operate the appliance. Contact customer service.

Estimated assembly time: approximately 25 minutes. Make sure the control knob and cylinder valve are OFF before assembly.



Package contents and component identification

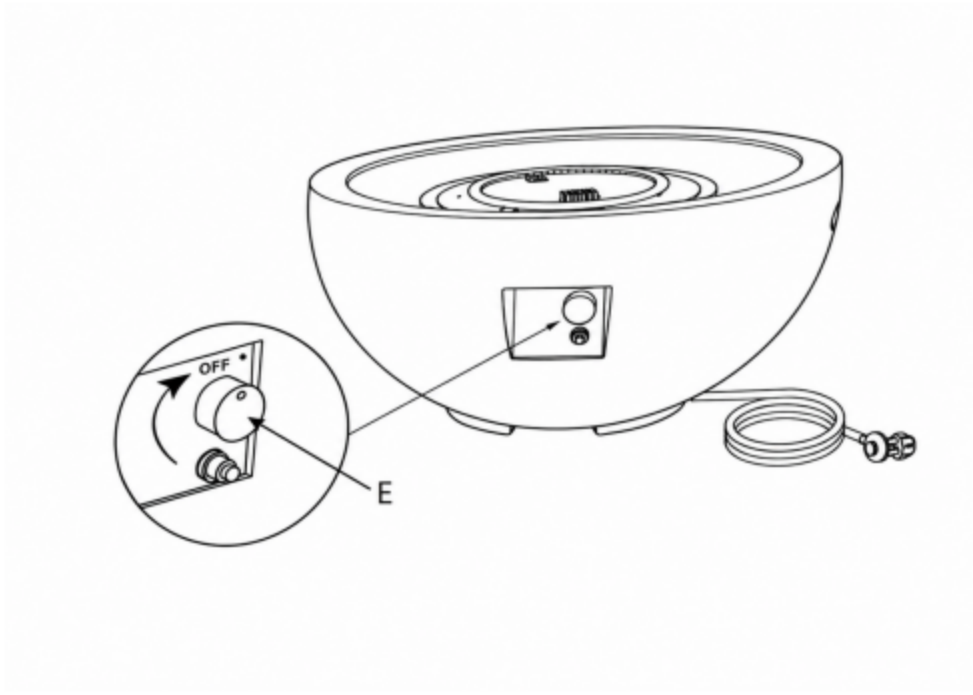
Part	Description	Qty.
A	**Fire Pit Body**	1
B	**Fire Plate**	1
C	**Burner Ring (preassembled)**	1
D	**Guard (preassembled)**	1
E	**Control Knob (preassembled)**	1
F	**Electronic Igniter (preassembled)**	1
G	**Regulator and Hose (preassembled)**	1
H	**Propane Cylinder Holder**	1
I	**Lava Rock (8.8 lb)**	2 boxes
J	**Protective Cover**	1
K	**AAA Battery**	1
L	**Burner Lid**	1

WARNING — APPROVED COMPONENTS ONLY

Failure to position the parts in accordance with thesediagrams or failure to use only parts specification approved with this appliance may result inproperty damage or personal injury.

ASSEMBLY

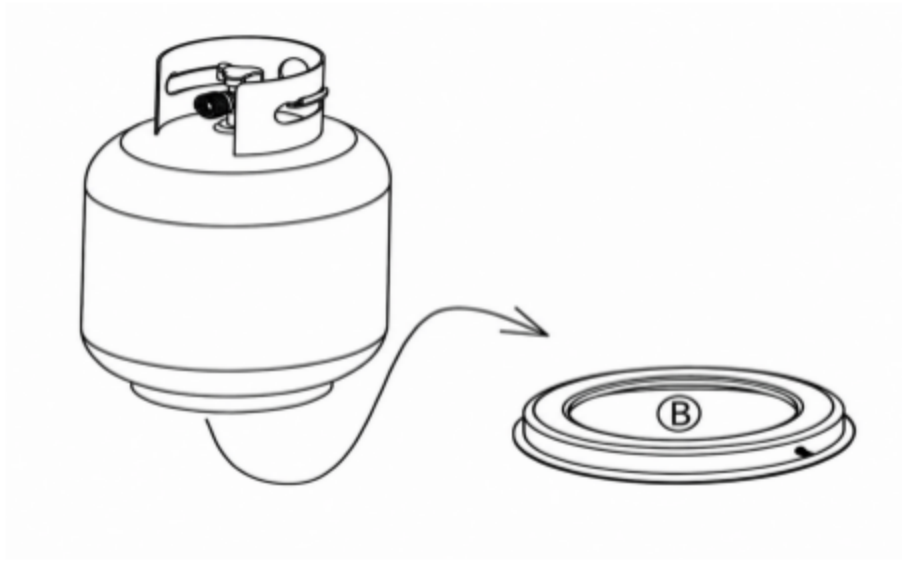
1 Connecting the Gas Tank



⚠ WARNING

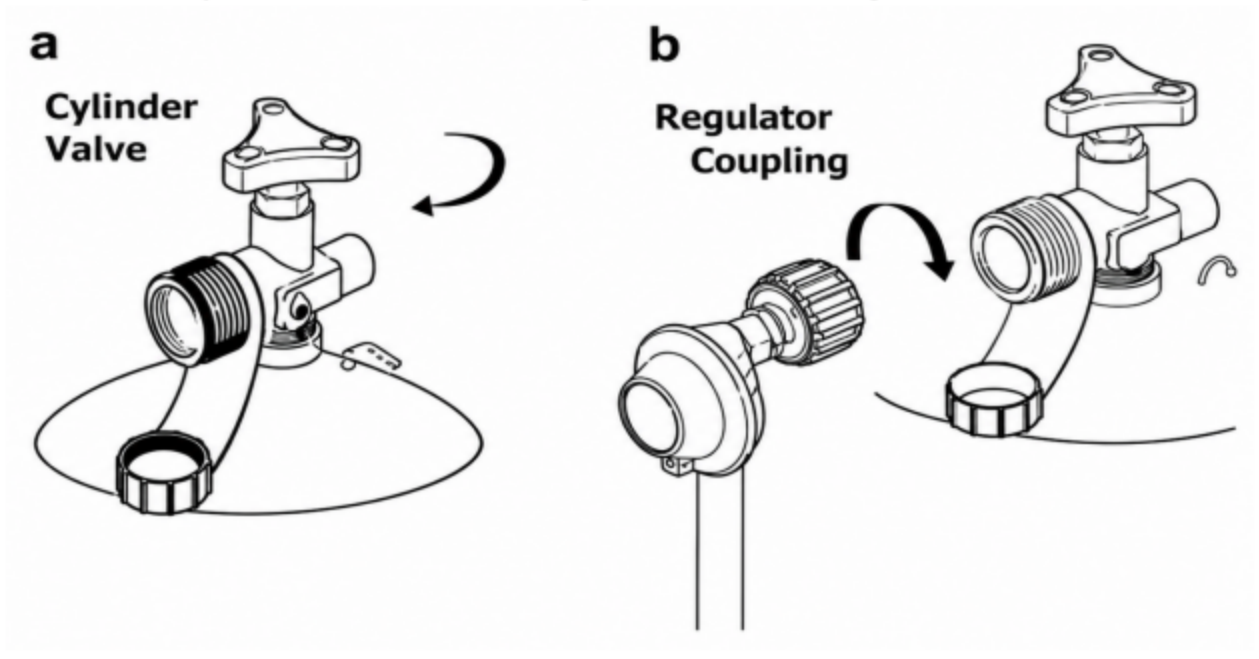
This fire pit requires air flow underthe unit. Do not place on an unevensurface or on grass, turf, or carpet.

- Make sure the control knob (E) is turned to "OFF".



- Place the propane tank in the tank cover table (H). Make sure the tank sits on the tank cover table(H). Turn the wing screw on the outer part of tank cover table (H).clockwise to secure the tank tightly.

Cylinder valve and regulator coupling



- Turn the cylinder valve on the top of tank clockwise to close off the gas supply. See Figure a.
- Screw the regulator coupling clockwise by hand only. Make sure it is fastened. See Figure b.

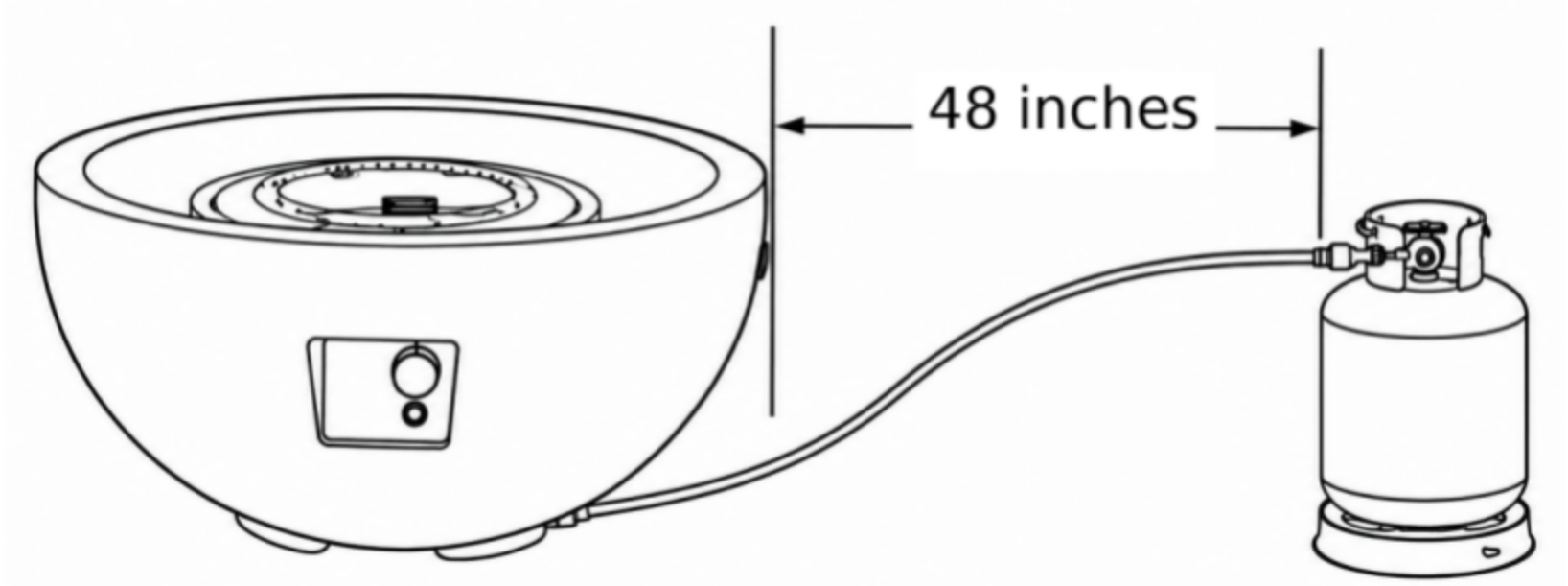
WARNING — BEFORE OPENING THE CYLINDER

Make sure the appliance control knob remains OFF. After connection, perform the leak test on page 8 before lighting the appliance.

ASSEMBLY — REMOTE CYLINDER SPACING AND BATTERY

Remote Cylinder Position

Position the remote propane cylinder upright on the supplied holder. Route the hose so it does not contact hot surfaces, cross a walkway, or create a tripping hazard.

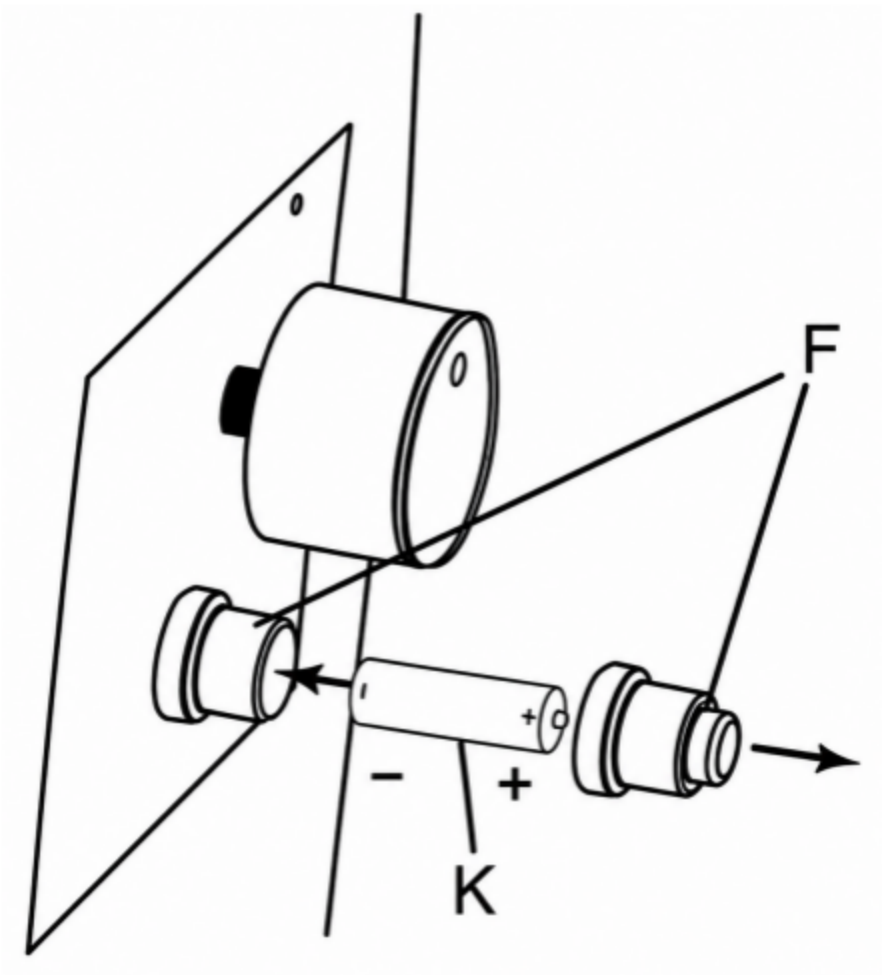


Maintain a minimum horizontal separation of 48 in. (1.22 m) between the appliance and cylinder.

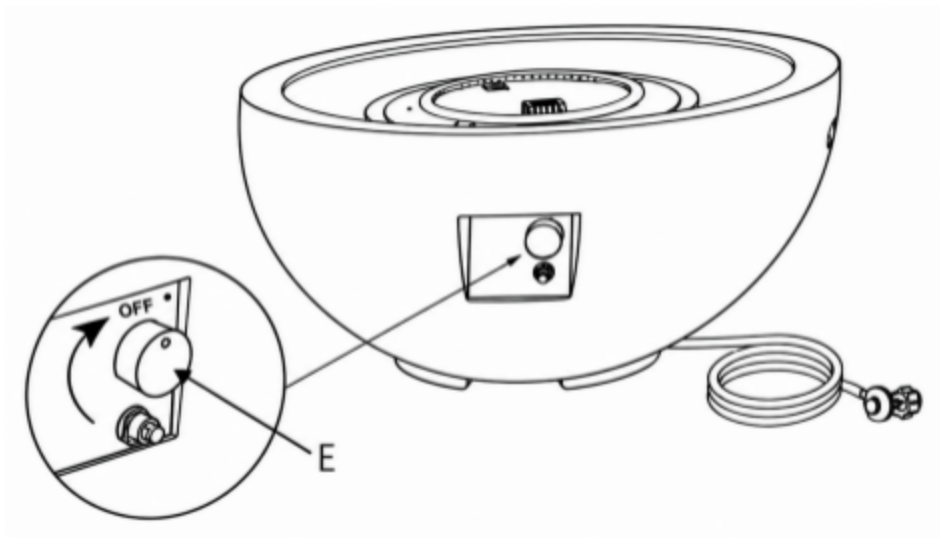
WARNING — TIPPING AND HOSE HAZARD

Keep both the appliance and cylinder on level, stable surfaces. Do not pull the hose tight. Do not operate if the hose is kinked, crushed, or damaged.

2 Installing the Igniter Battery



Insert one AAA battery with the positive (+) end facing outward toward the cap.



Verify that the igniter button and control knob operate freely.

1. Unscrew the igniter cap (F).

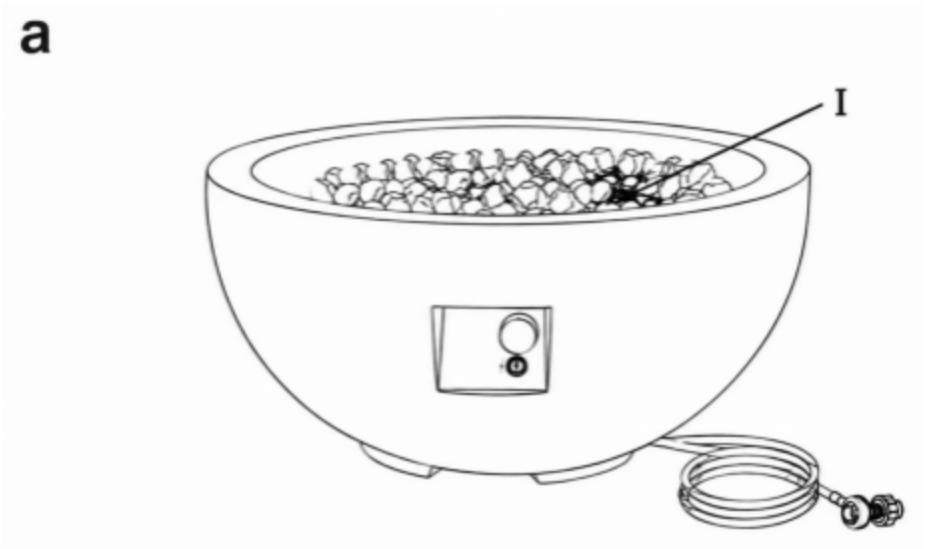
2. Insert one new AAA battery (K) with the positive (+) end facing outward.

3. Reinstall the cap until secure. Do not overtighten.

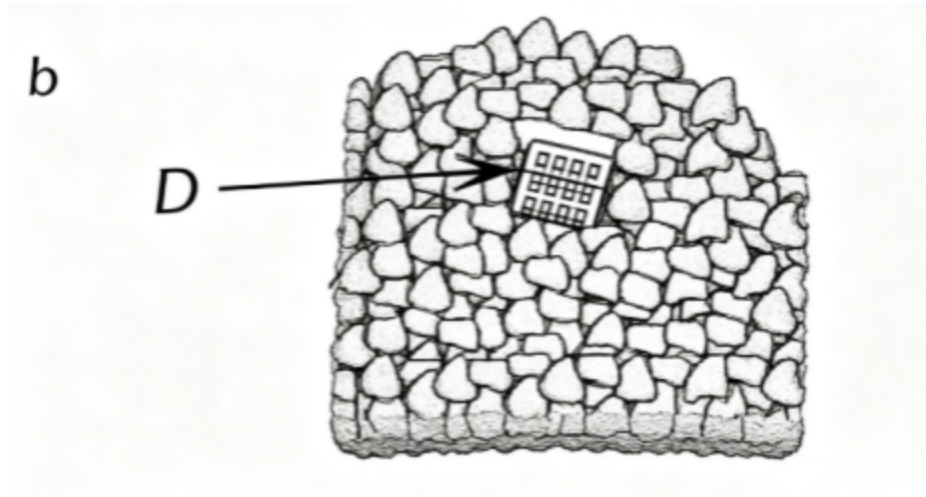
Remove the battery during long-term storage. Replace leaking or damaged batteries immediately and clean the contacts before installing a new battery.

FIRE MEDIA INSTALLATION AND LEAK TEST

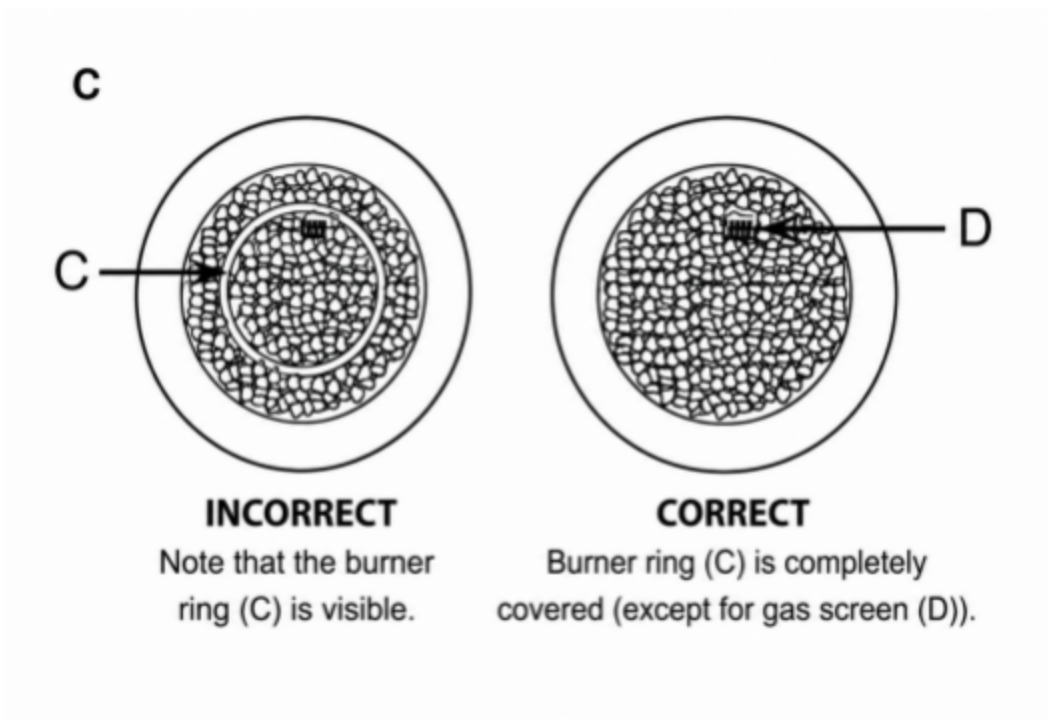
Installing the Fire Media



Distribute the approved fire media evenly around the burner.



Keep gas screen/guard (D) completely exposed.



Correct and incorrect fire-media placement

⚠ WARNING

Keep the fire glass and other objectsoff of the screen (shown at left).Holes in the screen must beexposed in order to allow gas toescape.A blocked screen can cause gas tobuild inside the fire pit andultimately cause an explosionand risk of serious injury.

- ***Place the fire glass (I) evenly in the fire bowl.Use caution when handling the fire glass as it is sharp. See Figure a.***
- ***Do not place any fire glass over the gas screen (D). See Figure b.***
- ***Completely cover the entire burner ring with the fire glass. See Figure c.***

Falilure to completely cover the burner ring with the fire glass will cause the flame to extinguish occasionally

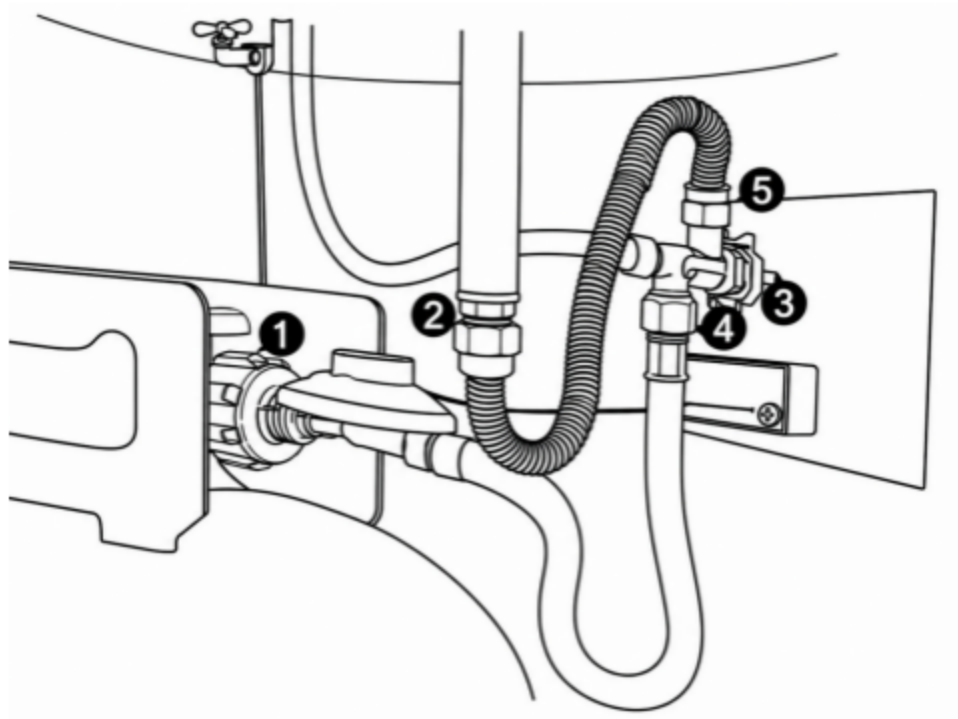
Leak Test — Required Before First Use and After Every Cylinder Connection

Before using the fire pit, check for gas leaks.

Perform a leak test in a well-ventilated area outside and where no source of spark can occur.

- Open the tank valve fully(counter-clockwise).
- Turn the control knob (E) to the OFF position.
- Apply a soapy water solution (3 drops dish detergent plus 4 oz. water) to check all the connections for leaks before attempting tolight the fire pit.
- Coat the soapy water onto all the connections (shown in thefigure at right,1, 2,3, 4, 5).
- Turn the control knob(E) to the ON position. If there are any leaks, the soapy water will bubble where the leak is occurring.

If a leak is found, turn the tank valve off and do not use the fire pituntil repairs are made.



Apply leak-detection solution at all numbered gas connections.

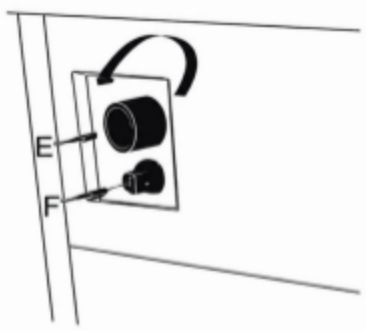
OPERATION

Before each use, be sure to inspect the hose. Replace the hose if there are any signs of cutting, wear or abrasion

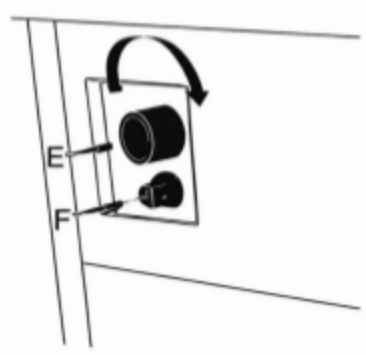
WARNING! During initial lighting of the fire pit, stay away from the fire pit for 30 minutes as the fireglass may pop and cause injury to the face or eyes.

CAUTION: Only use the pressure regulator and hose assombly supplied with the fire pit. The replacementpressure regulator and hose assemblies must be specified or supplied by the manufacturer.

8



9



To Light See Figure 8

1. Tum the cylinder valve on top of the propane tank counterclockwise to open the gas supply.
2. To ignite the bumer ring (C):
   a) Press and hold the electric Igniter button (F)
   b) At the same time, push in and turn the control knob (E) counterclockwise, to the LOW position.
   c) Keep the the control knob (E) pushed in to light the burner ring (C)

WARNING! If ignition does NOT immediately occur.

- Release the electric igniter button (F) and tum the control knob (E) to OFF (clockwise)
- WAIT 5 MINUTES to clear out the gas!.
- Repeat the lighting instructions in Step 2 as above.

3. After ignition, release the electric igniter button (F).
   Continue to push and hold the control knob (E) for 45 secondsNote: The flame should be a yellow/blue color.

To Extinguish See Figure 9

1. Push and tum the control knob (E) clockwise the OFF position.
2. Tum the cylinder valve on the tank to close the gas supply if not in use for a long time.

WARNING! Do not place the lid or nylon cover on top of the fire pit forat least 4 hours after use and until the fire pit has cooled.

CARE, MAINTENANCE, AND STORAGE

After Each Use

- Turn the appliance OFF and close the cylinder valve.
- Allow all parts and fire media to cool completely.
- Remove loose debris with a soft, dry brush. Wipe exterior surfaces with a soft cloth.
- Do not use flammable, corrosive, or abrasive cleaners. Do not pour water into the burner or control compartment.

Routine Inspection

- Inspect the hose, regulator, connector, burner, gas screen, igniter, and ventilation openings before each use.
- Look for spider webs, insects, dirt, carbon deposits, or other obstructions.
- Do not disassemble or open the gas screen/guard, valve, thermocouple, regulator, or burner assembly. Contact qualified service personnel if internal cleaning or repair is required.
- Have the appliance inspected by a qualified service person at least annually and whenever performance changes.

Storage

- Store the appliance in a cool, dry location away from direct sunlight.
- Disconnect and remove the propane cylinder before indoor storage.
- Store the cylinder outdoors in a well-ventilated area and out of children's reach. Never store a cylinder inside a building, garage, or enclosed area.
- Install the dust cap on the disconnected cylinder valve.
- Remove the igniter battery for long-term storage.
- Use the protective cover only after the appliance is completely cool and dry.

WARNING — SERVICE LIMITATIONS

Consumers must not modify the appliance or service gas-control components. Modification, unauthorized parts, or repair by an unqualified person can cause gas leakage, fire, or explosion and may void the warranty.

Flame Appearance

The flame should be stable and predominantly yellow, with blue near the burner. Flame height may vary with control setting and wind. If flames are unstable, excessively sooty, unusually low, or repeatedly extinguish, turn the appliance OFF and refer to Troubleshooting.

Troubleshooting

Problem		Possible Cause	Solution
There is no spark between the ignition wire and the burner port while pressing the igniter button.	There is no power to the igniter.	The igniter battery is missing or has insufficient power.	Replace with a new igniter battery.
		The igniter battery is installed incorrectly.	Reinstall the battery correctly.
		The igniter is damaged or cracked.	Contact customer service for a replacement part.
	The ignition wire is not conducting electricity.	The ignition wire is loose or disconnected from the igniter.	Reinsert the ignition wire.
		There is an electrical leakage in the ignition wire, or the ignition electrode is not aligned with the burner port.	Contact customer service for a replacement part.
There is no gas or insufficient gas supply.	The gas cylinder valve is not turned on.	The gas cylinder valve is closed.	Open the gas cylinder valve.
	There is a problem with the connection between the regulator and the gas cylinder.	The regulator is loose or disconnected from the gas cylinder.	Check and reconnect the regulator to the gas cylinder.
	There is no gas in the gas cylinder.	The gas cylinder is empty or has insufficient gas.	Check whether the gas cylinder is empty and replace it if necessary.
	The excess flow safety valve has been activated.	The tank valve and control knob were opened at the same time, causing the excess flow safety valve to activate.	Turn the control knob to “OFF”. Close the gas cylinder valve and disconnect the regulator hose. Turn the control knob to “LOW” and wait 30 seconds. Turn the control knob to “OFF”, reconnect the regulator hose, and relight the appliance according to the “To Light” section of this manual.
		An obvious gas leak caused the excess flow safety valve to activate.	Check the gas system for leaks. If a leak is found, contact customer service for assistance.
	The regulator hose has bends or kinks.	Bends or kinks in the hose restrict proper gas flow.	Straighten the regulator hose and remove all bends or kinks.
The flame has gone out.	There is no gas or insufficient gas supply.	Refer to the “There is no gas or insufficient gas supply” section above.	Refer to the “There is no gas or insufficient gas supply” section above.
	Strong or gusty winds.	The flame was extinguished by strong or gusty winds.	Move the appliance to a location protected from strong or gusty winds.
	The thermocouple connection is loose.	The thermocouple connection between the thermocouple and valve is loose.	Contact customer service for assistance.
	The gas screen is blocked by debris.	Debris inside the gas screen blocks oxygen flow.	Open and clean the gas screen.
		Debris inside the gas screen covers the burner port, causing insufficient heat transfer.	
	The gas screen is covered with debris.	Debris covering the gas screen causes improper combustion.	Remove debris from the gas screen according to the instructions in this manual.
	Excessive carbon deposits inside the gas screen.	Carbon deposits may occur when gas does not burn completely.	Use pliers to open the top of the gas screen and clean carbon deposits from the gas screen, thermocouple, ignition wire, and burner. Reinstall the gas screen cover.