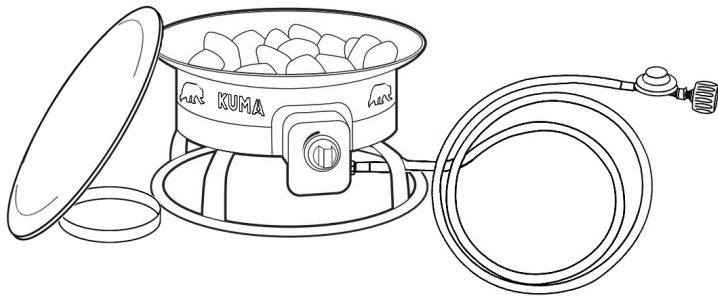


# Bear Blaze Fire Bowl - 19"

58,000 BTU Portable Flame Propane Outdoor Fire Pit

Model Number: 449-KM-BBFB-BB



If you smell gas:

1. Shut off gas
2. Extinguish any open flame
3. If odor continues, keep away from the appliance and immediately call your gas supplier and fire department.



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 should never be stored in the vicinity of this or any other appliance.

Do not smoke around the appliance when connecting or operating.

Do not use in camper, tent, car or home.

## FOR OUTDOOR USE ONLY

This appliance can produce carbon monoxide, which has no odor. Using indoors will cause death and injuries.



### 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.



Improper installation, adjustment, alteration, service, and/or maintenance can cause injury or damage to the appliance. Read the instruction thoroughly before installing or servicing this appliance.



If the information in this manual is not followed exactly, a fire and/or explosion may result personal injury, property damage, and/or loss of life. A qualified installer must perform installation and service, service agency or you gas supplier.

### LP Safety:

- a. Do not store spare LP-gas cylinders under or near the fire pit appliance.
- b. Never fill the cylinder beyond 80 percent full.
- c. If the information in “a” and “b” is not followed exactly, a fire causing death or serious inquiry may occur.

Do not use this appliance under overhead combustible surfaces.

### MINIMUM CLEARANCES:

- **Bottom:** Non-Combustible Surface
- **Top:** 80 Inches or greater
- **Sides:** 36 Inches or greater
- For installation on (or over) non-combustible floors only.

**Maximum Output:** 58,000 BTU (17.0kW)

**Maximum Gas Supply Pressure:** 250 PSI

This appliance shall be used outdoors only in well ventilated space and shall never be used in building, garage or any other enclosed areas.

When appliance is not in use, the gas cylinder as well as appliance must be turned off.

Indoor storage of this appliance is permissible only if the gas cylinder is disconnected and removed from the appliance.

Gas cylinders must be stored outdoors in a wall-ventilated area out of reach of children.

Disconnected gas cylinders must have threaded valve plugs tightly installed and must not be stored in a building, garage or other enclosed areas.

The gas pressure regulator provided with this appliance must be used and must be the same model as supplied with the appliance.

The gas cylinder supply system must be arranged for vapor withdrawal.

Gas cylinders used with this appliance must have a collar to protect the cylinder valve.

An approved LP-cylinder stabilizer, such as the stabilizer ring included, must be utilized when the appliance is in use.



Please ensure that all adults and children which use or are near the appliance are aware of the hazard of high-surface temperatures present on the appliance during operation and should use caution, stay away to avoid burns or clothing ignition.

Carefully supervise young children in area of the appliance. Clothing or other flammable materials should not be hung from or placed near the appliance. Any guard or other protective parts removed from the appliance must be replaced prior to operating.

Installation and repair should be completed by a qualified service person. The appliance should be inspected prior to use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burner and circulating air passageways of the appliance be kept clean.

**All LP cylinders to be used with this appliance must be:**

- a. Constructed and marked in accordance with the specification for LP-gas cylinder Standards. *CAN/CSA B339, Cylinders, Spheres and Tubes for the Transpiration of Dangerous Goods.*
- b. Provided with a listed overfilling prevention device.
- c. Provided with a cylinder connection for outdoor cooking appliances.
- d. The LP gas cylinder used for this appliance must not have capacity larger than 20 lb. (9 kg).
- e. Approximately 18" (46 cm) high & 12" (30 cm) diameter.
- f. The use of an approved LP gas cylinder stabilizer is recommended when using this appliance in order to prevent the LP gas cylinder from tipping over.

## ENCLOSURES FOR SELF-CONTAINED LP GAS SYSTEMS:



An enclosure for an LP-gas cylinder shall be ventilated by openings at both the upper and lower levels of the enclosure. This shall be accompanied by the one of the following:

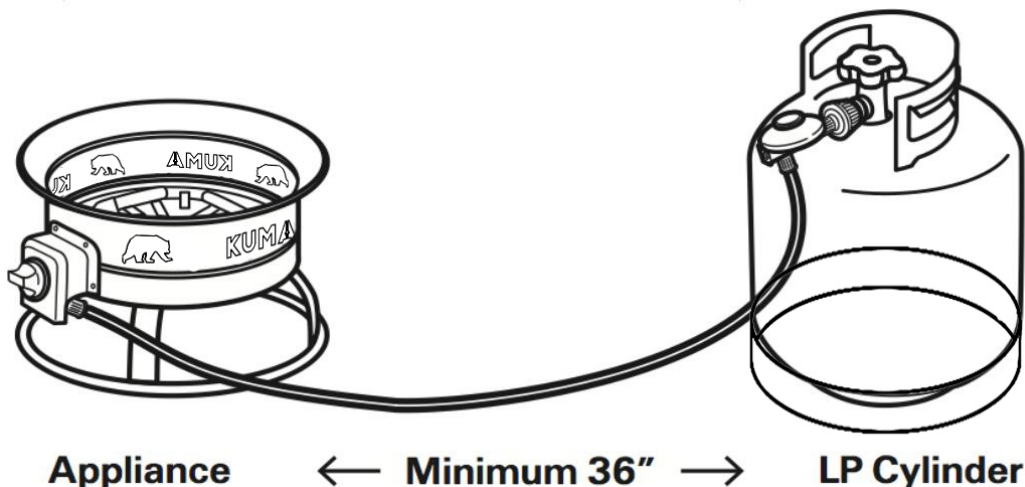
- a. One side of the enclosure shall be completely open; or
- b. For an enclosure having four sides, a top, and a bottom:

At least two ventilation openings shall be provided on the sidewalls of the enclosure, located within 5 inches (21.7cm) of the top of the enclosure, equally sized, spaced at a minimum of 90 degrees (1.57 rad), and unobstructed. The opening(s) shall have a total free area of not less than 1 inch per lb. (14.2 cm per kg) of stored fuel capacity.

Ventilation opening(s) shall be provided at floor level of the enclosure and shall have total free area of not less than inch per lb. (7.1 cm per kg) of stored fuel capacity. If ventilation opening at the floor level area are in the sidewall, there shall be at least two openings. The bottom of the openings shall be 1 inch (25.4 mm) or less from the floor level and the upper edge no more than 5 inches (127 mm) above the floor level. The openings shall be equally sized, spaced at a minimum of 90 degrees (1.57 rad), and unobstructed.

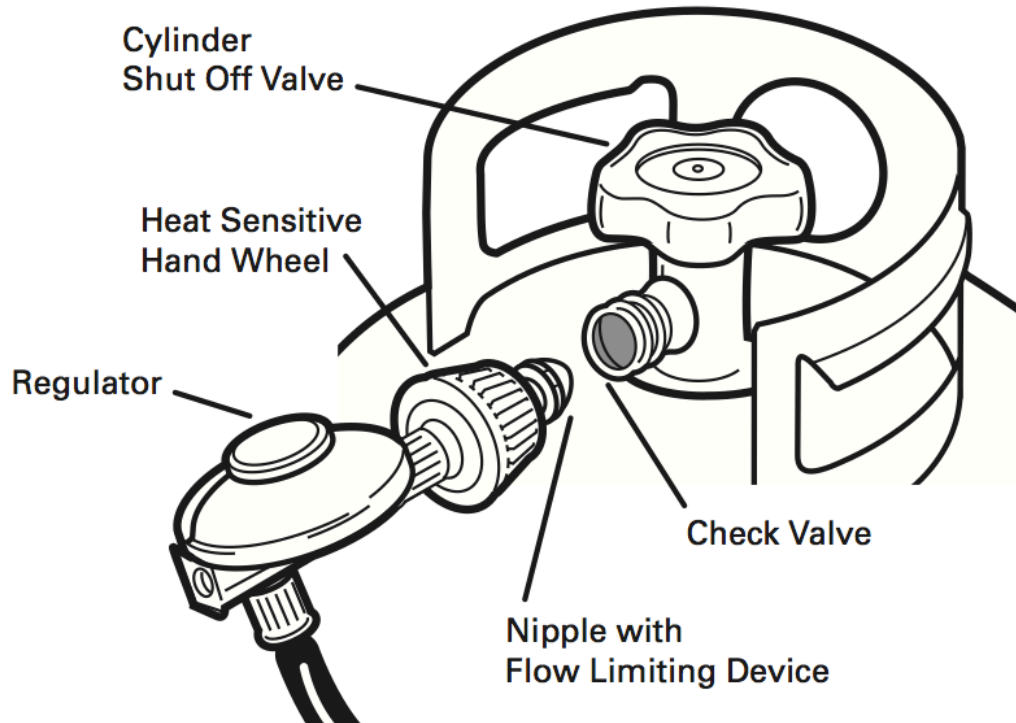
Every opening shall have minimum dimensions so as to permit the entrance of a 1/8 in. (3.2 mm) diameter rod. Ventilation openings in sidewalls shall not communicate directly with other enclosures of the appliances.

 <b>WARNING</b> 
Ensure that the LP gas cylinder is kept at a minimum distance of three feet (36 inches) away from the appliance at all times.



**CONNECTION:**

- 1) Be sure the cylinder valve and appliance valves are “off.”
- 2) Place the LP gas cylinder on the tank stabilizer ring.
- 3) Center the nipple in the cylinder valve and hold in place.
- 4) Using the other hand, turn the handle wheel clockwise until there is a positive firm stop. Do not use tools.
- 5) **Hand tighten valve only. When making the connection, hold the regulator in a straight line with the cylinder valve, so as not to cross thread the connection.**



6. Leak test the connection. See section named “LEAK TEST.”

**LEAK TEST:**

1. DO NOT USE OR PERMIT SOURCES OF IGNITION IN THE AREA WHILE DOING THE LEAK TEST. THIS INCLUDES SMOKING.
2. Leak testing should be done once a year or whenever the LP gas cylinder or any other gas system part is replaced, whichever is more frequent.
3. The leak testing solution should be half liquid detergent and half water.
4. Apply the solution to the LP gas delivery system. Begin applying the solution slowly from gas cylinder handle and work all the way to the appliance valve including clamps on the sides of the hose.
5. Bubbles in the soap solution will indicate that a leak is present.
6. The leak(s) must be stopped prior to use of appliance by tightening the loose joints, if possible, or by replacing the faulty part(s).

**THE APPLIANCE IS NOT BE USED UNTIL ANY OR ALL LEAK(S) ARE CORRECTED.**

A gas appliance repairman or LP gas dealer should be called if attempts to stop the leak(s) are unsuccessful and, in such case, the LP gas supply must be removed from the appliance until the leak(s) is corrected.

Inspect hose prior to each use of the unit. The hose assembly must be replaced prior to the appliance being put into operation if there is evidence of excessive abrasion or wear, or if the hose is damaged. Contact us should you require parts.

Inspect burner prior to each use. Burner must be replaced prior to the appliance being put into operation if there is evidence of damage. Replacement burners are available from us.

Should any part of this appliance (including the burner) become soiled or dirty, wipe lightly with a damp cloth. Do not use flammable or corrosive cleaning products on or near this appliance.

Ensure that gas hose is placed in an area where it is unlikely to be tripped over (such as pathways or trails) or subject to other accidental damage.

Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids. Solid fuels shall not be burned in this appliance. Installation must conform with local codes or, in the absence of local codes, with either the National Fuel Gas Code, ANSI Z223.1/NFPA 54, Natural Gas and Propane Installation Code, CSA 8749.7 or Propane Storage and Handling Code B749.2, or the Standard for Recreational Vehicles, ANSI A 719.2/NFPA 7792, and CSA 2240 RV Series, Recreational Vehicle Code, as applicable.

**NOTE TO INSTALLER:**

Leave this guide with the consumer.

**NOTE TO CONSUMER:**

Please retain and refer to this guide for as long as you are in possession of this appliance.



If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

# Owner's Manual

## **STEP 1**

Enclosed are four bags of rocks and one factory installed 10' propane-rated hose with attached regulator.

## **STEP 2**

Remove plastic bags containing the rocks.

## **STEP 3**

Open the bag containing the smaller rocks labeled conveniently for you "**Put Me In First**" and arrange in burner area.

## **STEP 4**

Next, open the bag of medium sized rocks, labeled conveniently for you "**Put Me In Second**" and place over small rocks.

## **STEP 5**

Finally open the bag of larger rocks, labeled conveniently for you "**Put Me In Last**" and arrange over top of the medium rocks.

## **STEP 6**

The fourth bags of rocks are included as spares and are labeled "**Spare Rocks**."

## **Note To User:**

Cover must be removed when burner is in operation.

Before igniting the unit for the first time, follow steps one through 5 in the below Ignition section.

Mix a solution of liquid soap and water in a spray bottle and apply to the gas fittings you have just connected.

If parts of the fitting begin to produce bubbles, spray liquid, or if you smell liquid propane gas, immediately close the valve on the tank, and leave the unit for at least an hour undisturbed to allow excess gas to escape.

After an hour, disconnect the hose and take the unit to a certified propane technician for consultation.

**Rocks are not to exceed a maximum weight of 5 kg. or 11 lbs.**

**STEP 7**

Ensure that unit valve dial is in the “OFF” position by pushing and turning clockwise until the dial stops.

**STEP 8**

Securely attach regulator (large end of hose) to your propane cylinder.

**STEP 9**

Extend hose to full length and ensure that the propane tank is as far as safely possible from the fire pit.

**STEP 10**

Slowly turn cylinder valve to the open position.

**NOTE:** Opening the valve too quickly may activate the excess-flow valve in your propane cylinder, decreasing gas flow dramatically. In this case, shut valve off and re-open very slowly.



### STEP 11

Using a lighter or match, ignite lighter and hold flame slightly above the burner, then open the valve on the appliance slowly by turning (counter-clockwise) until the unit ignites.

### Step 12

Set dial to desired flame height.

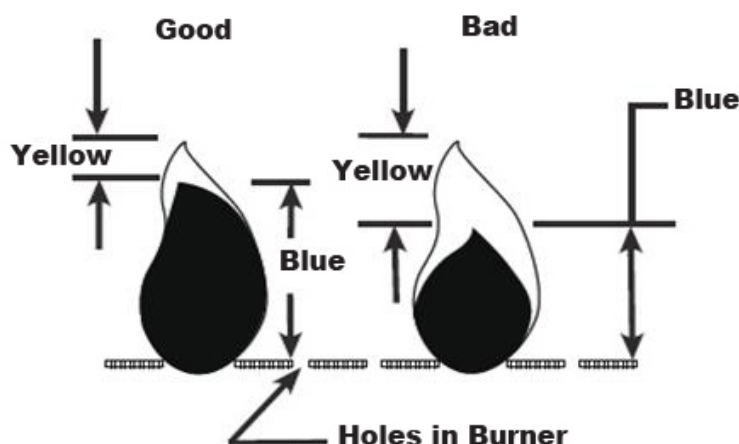
**Warning:** Ensure that no parts of your body, clothing, or any other combustible material are above the burner before, during and after ignition.

### Periodic Inspection of burner flames:

Upon igniting the appliance, visually verify that the burner is indeed burning as demonstrated in the image below. The presence of flames will confirm that the burner is burning. Periodically check that the burner flame is present during operation by visually inspecting the burner to ensure the presence of flames.

If there are no flames present, the appliance is likely not burning. If this is the case, IMMEDIATELY turn the valve to the “off” position if it is not already and repeat the ignition procedure as outlined in **Steps 7-12**.

NOTE: When fire pit is on: The burner will display blue and yellow flames. These flames should not be yellow or produce thick black smoke. This would indicate an obstruction of airflow through the burners. The flame should be blue with straight yellow tops. If excessive yellow flames are detected, turn off the burner.



### Extinguishing the appliance:

#### Step 1

Turn cylinder valve to the “Closed” position.

#### Step 2

Turn appliance valve to the “Off” position by pushing and turning knob clockwise.

#### Step 3

Allow unit to cool for at least five (5) minutes before relighting.

# MAINTENANCE


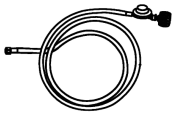
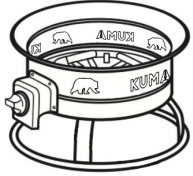



Your fire pit requires periodic maintenance to keep it in good running order. Follow the steps below to ensure your appliance will provide you with the best possible performance:

1. Keep your fire pit out of the rain and store it in a dry place.
2. This device has been engineered to provide the maximum amount of heat and comfort. If you experience any signs of your propane cylinder 'freezing off' or start to experience lower flames than usual, please simply turn the burner control setting too low for 5-10 minutes or replace the cylinder with a full one.
3. Ensure that you clean the bowl of your fire put after every use to keep it looking GREAT. Simply wiping the outer edge of the fire pit with a damp paper towel or cloth to remove any combustion particulates.

## Important Notes:

- Expected burn time; the anticipated burn time for your fire pit using a full 20 lb. (9kg) propane cylinder is between 7 and 11 hours depending on where the flame height is set.
- We recommend that you ignite this unit only when safely placed on a non- combustible surface. This is NOT a toy. Children should be supervised at all times when using this unit without exception.
- Do not place any objects other than supplied rocks inside the burner component of the fire pit.
- Do not add wood or any other materials to the fire.
- It is designed to safely combust propane only.
- Do not connect to a remote gas supply.
- Do not use this appliance if any part(s) have been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control, which has been under water.
- Do not leave this appliance in the rain.

## Part list:

No.	Pic	Parts	Qty	No.	Pic	Parts	Qty
1		Metal Lid	1	4		10ft. hose	1
2		Fire bowl	1	5		tank stabilizer ring	1
3		fabric handle	1	6		rock stone	4

If instructions or parts are missing, please contact [info@kumaoutdoorgear.com](mailto:info@kumaoutdoorgear.com) or call 1-888-799-5862