

FLAME KING 58,000 BTU Portable Propane Outdoor Fire Pit

Model #: FKG6501D



FIRE OR EXPLOSION HAZRD

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.After leaving the area,call your gas supplier and fire department.

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



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: FOR OUTDOOR USE ONLY

Installation and service must be performed by a qualified installer, service agency, or the gas supplier.



INSTALLER: Leave this manual with the appliance.

CONSUMER: Retain this manual for future reference.



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.



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.

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/Hr (17.0kW)

Maximum Gas Supply Pressure: 250 PSI

The minimum inlet gas supply pressure for the purpose of input adjustment: 25PSI

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 well 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.



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 appliance;

Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance;

Any guard, barrier, 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.

A statement that the propane gas supply cylinder to be used must be:

- 1) Constructed and marked in accordance with the U.S. Department of Transportation (D.O.T.) 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;
- 2) Provided with a listed overfilling prevention device (OPD);
- 3) Provided with a cylinder connection device compatible with the connection for the appliance;

All diagrams and instructions shall depict the propane gas hose assembly and the manifold as one pre-assembled part from the factory in accordance with Clause 4.11.2 (unless the design complies with the exemption in Clause 4.11.2);

- a. The LP gas cylinder used for this appliance must be 20 lb. (9 kg).
- b. Approximately 18" (46 cm) high & 12" (30 cm) diameter.
- c. 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 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.

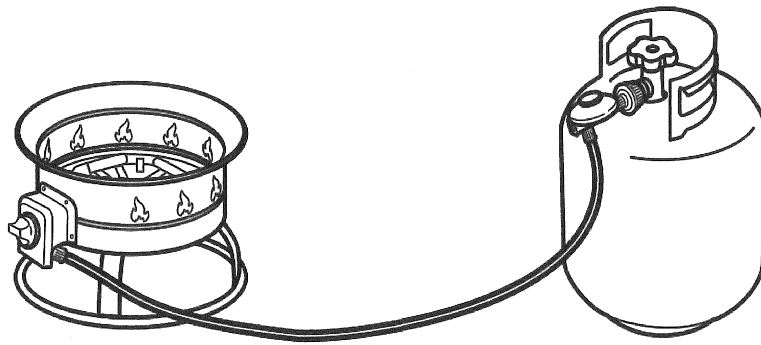
Every opening shall have minimum dimensions so as to permit the entrance of a 1/8 in. (3.2 mm) diameter rod. Ventilation openings in sidewalls shall not communicate directly with other enclosures of the appliances.

Information as follows:

- 1) the cylinder manufacturers identity (symbol, trade name, etc.) as marked on the cylinder (if required by Clause 4.11.1);
- 2) illustration(s) depicting the cylinder mounted to the appliance, utilizing the cylinder retention means, and the points of contact between the cylinder and the retention means;
- 3) the marked cylinder water capacity or propane gas capacity (in pounds) as stated by the cylinder manufacturer(s); and
- 4) a statement indicating that other cylinders may be acceptable for use with the appliance provided they are compatible with the appliance retention means and accompanied by illustration(s) depicting the cylinder mounted to the appliance utilizing the cylinder retention means and the point of contact between the cylinder and the retention means



**Ensure that the LP gas cylinder is kept at a minimum distance of three feet (36 inches) away from the appliance at all times.
Warning about a tipping hazard.**

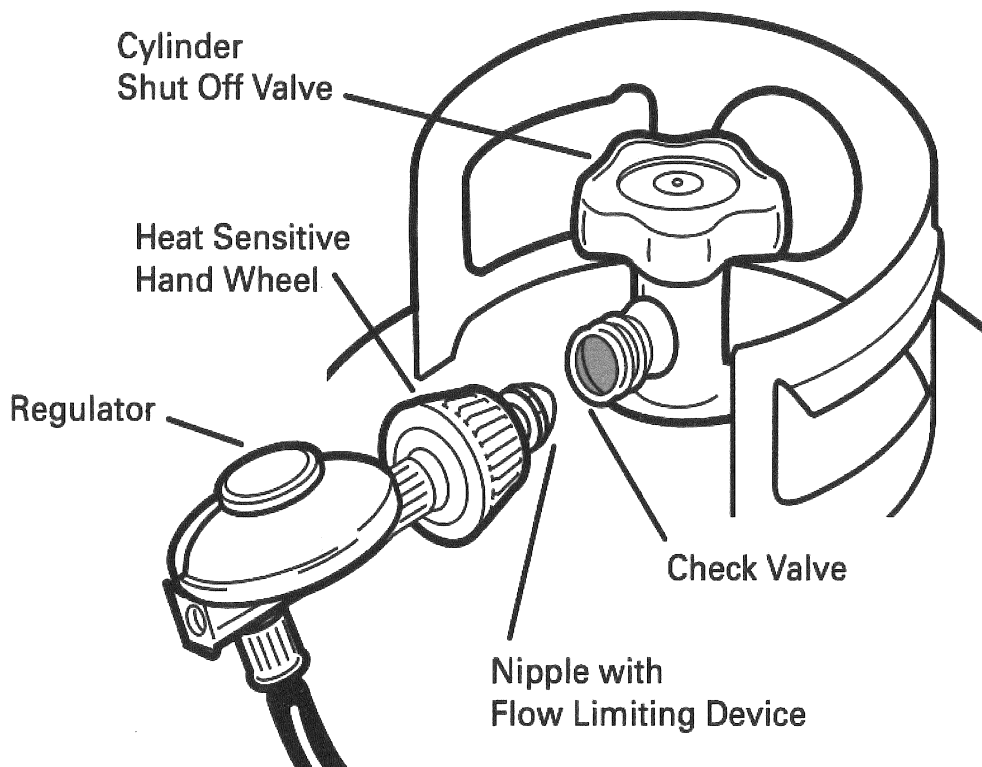


Appliance ← Minimum 36" → LP Cylinder

Place the LP gas cylinder on the tank stabilizer ring.

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."

DISCONNECTION:

1. Be sure the cylinder valve and appliance valves are "off."
2. Using hand turn the handle wheel counterclockwise.

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 TO 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 FLAME KING 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 FLAME KING.

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. When an appliance is for connection to a fixed piping system, the installation must conform with local codes, or in the absence of local codes with the National Fuel Gas Code, ANSI Z223.1 • NFPA 54; National Fuel Gas Code; Natural Gas and Propane Installation Code, CSA B149.1; or Propane Storage and Handling Code, CSA B149.2, 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.

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:

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.

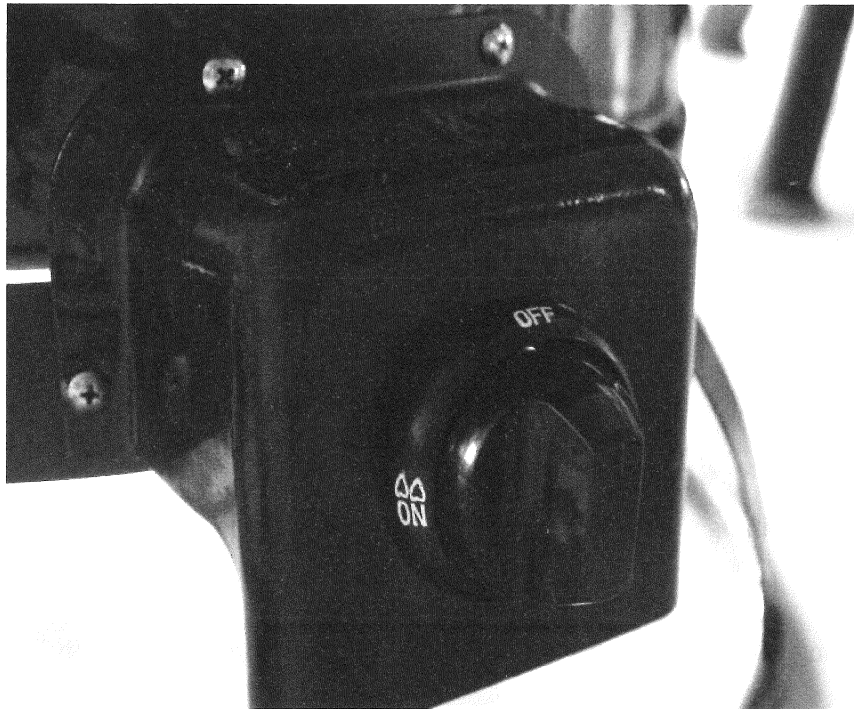
If parts of the fitting begin to produce bubbles, spray liquid, or if you smell liquid propane gas, immediately close the valve on the tank, and leave the unit for at least an hour undisturbed to allow excess gas to escape.

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 kgs or 11 lbs.

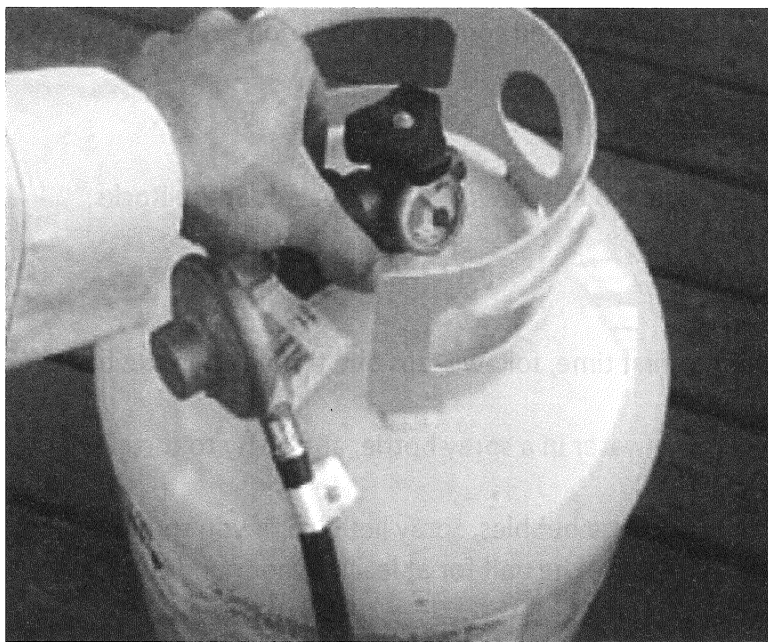
STEP 7

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

Turn dial counter-clockwise and the piezo igniter should ignite the unit flame. Set dial to desired flame height.

Step 12

You can also use 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. Set dial to desired flame height.

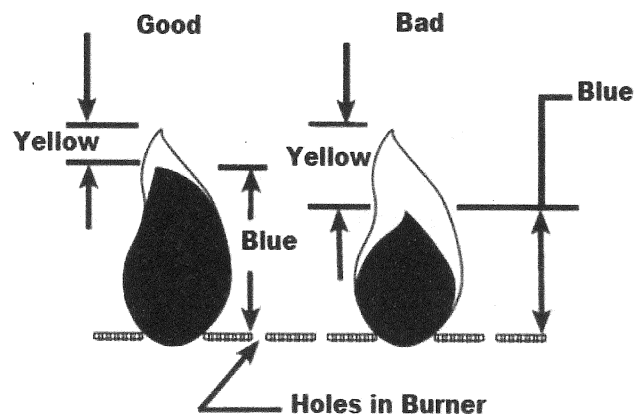
Warning: Ensure that no parts of your body, clothing, or any other combustible material are above the burner before, during and after ignition.

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 and 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



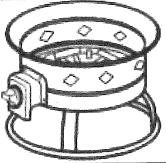


Your fire pit requires periodic maintenance to keep it in good running order. Follow the steps below to ensure your appliance will provide you with the best possible performance:

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 to low for 5-10 minutes, or replace the cylinder with a full one.
3. Ensure that you clean the bowl of your fire pit 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.
- Flame King recommends 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 while this unit is in use, 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.	Picture	Parts	Qty	N o.	Picture	Parts	Qty
1		Metal lid	1	4		Tank stabilizer ring	1
2		Fire bowl with 10ft Hose	1	5		Lava rock stone	4
3		Fabric handle	1				

If you need any help or need any replaced parts, please contact supplier at info@flameking.com.