

Installation and Operation Instructions

INTRODUCTION

Your California Outdoor Concepts Decorative Gas Fire Pit is designed for installation in a fully vented, open air patio area which is constructed of non-combustible material.

Do not place this appliance on a grass or dirt area. This may prevent proper safety venting.

GENERAL INFORMATION

These instructions are intended as a general guide and do not supersede national or local codes in any way. Authorities having jurisdiction should be consulted before installation.

Installation and provision for combustion and ventilation air must conform with the National Fuel Gas Code.

!!! IMPORTANT !!!

Read all instructions carefully before starting installation. Failure to follow these installation instructions may result in a possible fire hazard and void the warranty.

!!! WARNING !!!

For outdoor use only. Do not use for cooking.

CUSTOMER CARE

For any replacement parts or questions please contact customer care at 1-800-358-9993

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WHAT TO DO IF YOU SMELL GAS

- Shut off gas supply to the appliance.
- Extinguish any open flames.
- Immediately call your gas supplier. Follow the gas supplier's instructions.
- If you can not reach your gas supplier, call the fire department

!!!WARNING !!!

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read this manual thoroughly before installing or servicing this equipment.

A liquid propane tank, not connected for use with this decorative gas fire pit, shall not be stored in the vicinity of this or any other appliance.

This appliance must be used only outdoors in a well ventilated space and must not be used inside a building, garage, or any other enclosed area.

SAFETY INFORMATION

- The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1 or CAN/CGA-B149.1. National Gas Installation Code or CAN/CGA-B149.2. Propane Installation Code.
- **IMPORTANT:** Installation of natural gas should be done by a qualified installer, service agency or gas supplier.
- **WARNING:** Fuels used in gas or oil – fired appliances, and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm. This warning is issued pursuant to California Health & Safety Code Sec. 25249.6.
- While this appliance is not in use, the gas must be turned off at the gas supply.
- **NOTE:** This gas appliance is designed for outdoor use only. It is not intended for installation in any building, garage or enclosed structure. It is not intended for installation in or on recreational vehicles or boats.
- 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 and should never be allowed to operate the fire pit.
- Never leave the appliance unattended during operation
- Clothing or other flammable materials should not be placed on or near the appliance.
- The LP gas cylinder supply system must be arranged for vapor withdrawal. The LP gas cylinder used must include a collar to protect the cylinder valve
- 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 the control compartment, burners and circulating air passageways of the appliance be kept clean.
- Inspect the fuel supply (including that of the LP models) before each use of the appliance.
- If it is evident there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the appliance being put into operation.
- The pressure regulator and hose assembly supplied with LP models must be used. Replacement pressure regulators and hose assemblies must be those specified in this manual.
- The LP gas supply cylinder used with LP models must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT).
- Cylinders must be stored outdoors in a well ventilated area out of the 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. The storage and usage of cylinders used with this appliance must comply with all national and local codes.
- When an LP model is not in use, the LP gas must be turned off at the supply cylinder.
- While this appliance is not in use, it should be covered to protect it from weather and other adverse elements. Storage of this appliance indoors is permissible only if the gas is disconnected and removed from the appliance.
- Do not attempt to disconnect the gas or any gas fitting while this appliance is in operation.

INSTALLATION

A. Location

- 1) Your fire pit can be installed on any flat, stable surface away from any combustible materials or construction.
- 2) Be sure to install your fire pit in a fully vented, open air patio area which is constructed of non-combustible material. NOTE: Do not place this appliance on grass or dirt area. This may prevent proper safety venting.

B. Burner Assembly – LP Gas Models

- 1) Remove the burner assembly and check for damage. Do not use damaged components.
- 2) Position the burner assembly evenly and snugly in the middle of the fire pit. (As shown in Figure 2B)
- 3) Pull the regulator hose through the square opening on the side of the fire pit so that the ball valve is sticking out of the opening. (As shown in Figure 2C)
- 4) Make sure that the tank valve is turned completely OFF (clockwise), and has the proper external mating threads.
- 5) Connect the regulator assembly to the tank valve. Hand tighten only (clockwise). Do not use a wrench to tighten! Use of a wrench may damage the quick closing nut and result in a hazardous condition.
- 6) Position the hose out of pathways where people may trip over it or in areas where the hose may be subject to accidental damage.
- 7) Open the tank valve fully counterclockwise. Turn the ball valve fully counterclockwise so that it points at the black regulator hose. (Shown in Figure 2C). Use a soap and water solution to check all connections for leaks. If a leak is found, turn the ball valve fully clockwise so that it is perpendicular to the hoses and DO NOT use the appliance until repairs can be made.

C. Burner Assembly – Natural Gas Models

- 1) Remove the burner assembly and check for damage. Do not use damaged components.
- 2) Call Customer Care at 1-800-358-9993 and order a natural gas orifice to replace the propane gas orifice shown in Figure 1C.
- 3) After receiving the natural gas orifice, remove the propane orifice (Figure 1C) from the bottom of the burner (Figure 1A) by detaching the propane orifice from the 3/8" nut (Figure 1B).
- 4) After detaching the propane orifice, attach the natural gas orifice (Figure 1D) in its place. To do this, attach the end of natural gas orifice with the smallest hole to the 3/8" nut. This should look exactly the same as the assembled product (Figure 1I).
- 5) If your local codes do not allow for the use of a flex hose (Figure 1E), simply:
 - attach your natural gas line to the ball valve (Figure 1F)
 - attach the ball valve to your natural gas line.

Note: You can follow local codes regarding the ball valve as an (ON/OFF) switch because in some areas this may not be required.
- 6) If your local codes allow for the use of a flex hose:
 - then attach the flex hose to the natural gas orifice
 - attach the ball valve to the flex hose.
 - Run your natural gas line to the ball valve

Remember: Always comply with local and national codes regarding the use of flex hoses and ball valves as "ON/OFF" switches.
- 7) Once you have reassembled the burner, position the burner assembly evenly and snugly in the middle of the fire pit (as shown in Figure 2B).
- 8) If using the flex hose, pull the ball valve through the square opening on the side of the fire pit (as shown in Figure 2C).

- 9) Be sure that your gas supplier has performed a gas line pressure leak test. If necessary, test for leaks yourself by using a soap and water solution.

D. Log Assembly

- 1) Check all logs for any damage. Do not use damaged components.
- 2) Place the Solid Granite Top on top of the Fire Pit
- 3) Fill the burner as desired with the cinders provided (As Shown in Figure 2D). Note: do not use charcoal briquettes or lighter fluid in any gas fire pit.

- 3) Place the logs in any position on the cinders which creates your desired ambiance (As Shown in Figure 2E).

OPERATING INSTRUCTIONS

1. Read all warnings included in this manual and included in national and local codes regarding all parts used in the operation of this appliance.
2. Inspect the burner before each use of the appliance. If there is any evidence that the burner is damaged, it must be replaced before operating.
3. Upon completing the gas line connection, a small amount of air will be in the lines. When first lighting the burner it will take a few minutes for the lines to purge themselves of this air. Subsequent lighting of the appliance will not require such purging. **Never allow the ball valve to remain in the open position (fully counterclockwise) without placing a burning match on top of the burner first!**

FOR YOUR SAFETY, READ BEFORE LIGHTING

!!! WARNING !!!

If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury and/or loss of life.

- A. This appliance must be lit by hand. When lighting follow these instructions exactly.
- B. Before lighting, smell all around the appliance area for gas. Be sure to smell next to the base of the appliance, because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS:

Shut off gas supply to the appliance.

Extinguish any open flames.

Immediately call your gas supplier. Follow the gas supplier's instructions.

If you cannot reach your gas supplier, call the fire department.

- C. Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance, and to replace any part which has been under water.

LIGHTING INSTRUCTIONS

1. To light the burner with an LP gas supply, fully open the tank valve counterclockwise. Next, place a burning match in the middle of the burner where ports are present. DO NOT HOLD THE MATCH IN YOUR HAND. Finally turn the ball valve into the open position (fully counterclockwise).
2. For a natural gas connection, place a burning match in the middle of the burner where ports are present. DO NOT HOLD THE MATCH IN YOUR HAND. Then turn the ball valve into the open position (fully counterclockwise).
3. If the burner does not light before the match goes out, immediately stop the flow of gas by turning the gas valve clockwise. For natural gas turn the ball valve fully clockwise to close all gas connections.
4. Wait at least five minutes to clear out any gas. Then smell for gas, including the base of the appliance. If you smell gas, STOP! Follow the proper warning listed above about what to do if you smell gas.

TO TURN OFF THE GAS APPLIANCE

1. To turn off a natural gas connection to the appliance turn the ball valve completely clockwise to the closed position.
2. For an LP appliance, turn the ball valve completely clockwise to the closed position and then turn the valve on the LP tank clockwise to the closed position.

MAINTENANCE INSTRUCTIONS

1. The appliance should be inspected before initial use and inspected and cleaned at least annually by a qualified field service person.
2. Tampering with this appliance is DANGEROUS and voids all warranties. Any component that is found to be faulty must be replaced with an approved component.
3. To obtain proper operation, it is imperative that the burner flame characteristics are steady, not lifting or floating.
4. Periodically remove the logs and examine the burner. If dirty, clean with a soft brush. Also, examine the area around the burner air shutter. Any dirt or lint in this area should be removed. This will ensure long life and trouble free operation. When the appliance is put back in service, check the burner flame patterns so that they follow step 3.
5. Periodically check the hose connecting the LP gas cylinder to ensure it is not damaged in any way.
6. While this appliance is not in use, it should be covered to protect it from weather and other adverse elements. Not protecting the appliance could result in a void of the warranty.

Note: Carbon (soot) may build up on the surfaces of the logs with heavy use. This is more likely to occur when using LP gas. The soot should be cleaned off the surface of the logs periodically to prevent excessive buildup.

To clean the logs, be sure the fire is out, the gas supply is turned off and the logs are cool to the touch. The soot can then be brushed off with a dry bristle brush or cloth. Logs can be damaged if mishandled. Dispose of soot and cleaning materials properly. Keep away from clothing and outdoor furniture.

TROUBLESHOOTING

Problem Observed	Possible Cause	Corrective Measure
Gas odor during set up	Gas leak	See “What to do if you smell gas” Page 1 Check all gas connections
Gas odor before first ignition	Gas leak	See “What to do if you smell gas” Page 1 Check all gas connections
Delayed ignition	Low gas pressure Clogged or dirty burner ports Blocked orifice Faulty Valve	Check gas supply pressure Clean burner ports Check orifice opening Replace Valve
Burner lights but does not stay lit	Low gas pressure Faulty Valve Clogged or dirty burner ports Faulty Regulator Windy Conditions	Check gas supply pressure Replace Valve Clean burner ports Replace regulator Shield from wind
Incorrect burner flame	Incorrect gas supply or pressure Blocked orifice Clogged or dirty burner ports Faulty valve Faulty Regulator High Altitude	Check gas supply pressure Check orifice opening Clean burner ports Replace Valve Replace Regulator Adjust orifice size for altitude
Backfire of burner	Blocked orifice Clogged or dirty burner ports	Check orifice opening Clean burner ports

CALIFORNIA OUTDOOR CONCEPTS FIRE PIT PARTS LIST

Component	Description	Quantity
FIREPIT – (color code)	Fire Pit – Color	1
TOP – (color code)	Top – Color	1
BURNER – PIT	Burner Kit	1
SSSK	Stone Sealer Starter Kit	1
LOGKIT	Log Kit for Fire Pit	1
803-803	Orifice #44 LP	1
803-301	3/8” Flex Tube Kit, for Fire Pit	1
803-500A	LP Regulator, Valve, Hose	1

PARTS AND ASSEMBLY PICTURES

Figure 1A – Burner Pan Top and Bottom

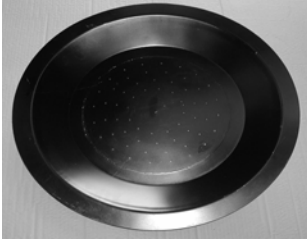


Figure 1D – Natural Gas Orifice



Figure 1F – Ball Valve



Figure 1B – 3/8 Inch Nut

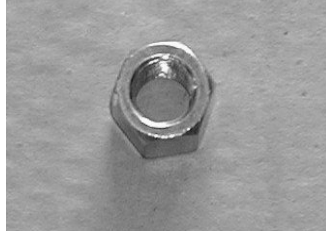


Figure 1C – Propane Gas Orifice



Figure 1E – Flex Hose

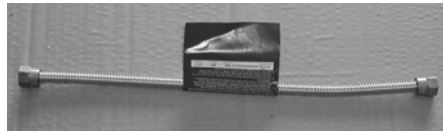


Figure 1G – Regulator Hose with Propane Regulator



Figure 1H – Assembled Burner Assembly

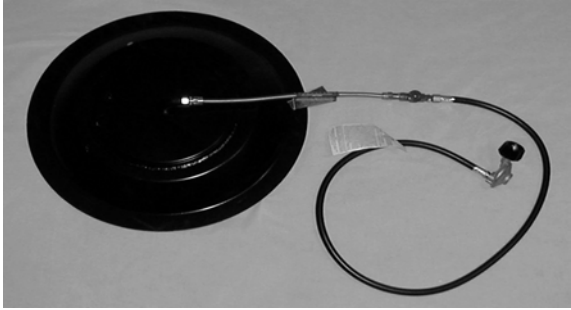
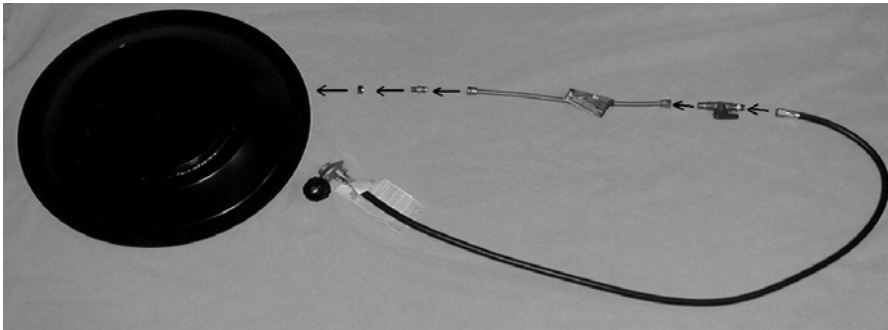


Figure 1I – Exploded View of Burner Parts



**Figure 2A – Empty Fire Pit
(Shown unpainted)**



Figure 2B – Fire Pit with Burner



Figure 2C – Ball Valve Positioning



Figure 2D – Fire Pit with Cinders

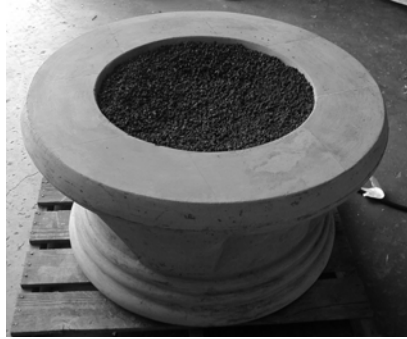


Figure 2E – Fire Pit with Cinders and Logs
(Note: Fire Pits Shown unpainted and without Solid Granite Top)



LIMITED WARRANTY

The Fire Pit Manufacturer warrants this product and its components to be free from defects in materials and workmanship for a period of one year from date of original purchase

If the product fails to operate during this warranty period, due to manufacturing defect, the defective part will be repaired or replaced at the Fire Pit Manufacturer's option. Reasonable proof of purchase may be required. Please keep your receipt.

This warranty does not cover damage caused by misuse, accident, abuse, improper installation, commercial or other non-residential use of the product, or damage arising out of transportation of the product. All implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the express warranty periods specified. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. The Fire Pit Manufacturer's maximum liability shall not exceed the purchase price of the product paid by the original consumer. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. The warranty gives you specific legal rights and you may also have other rights, which vary from state to state.