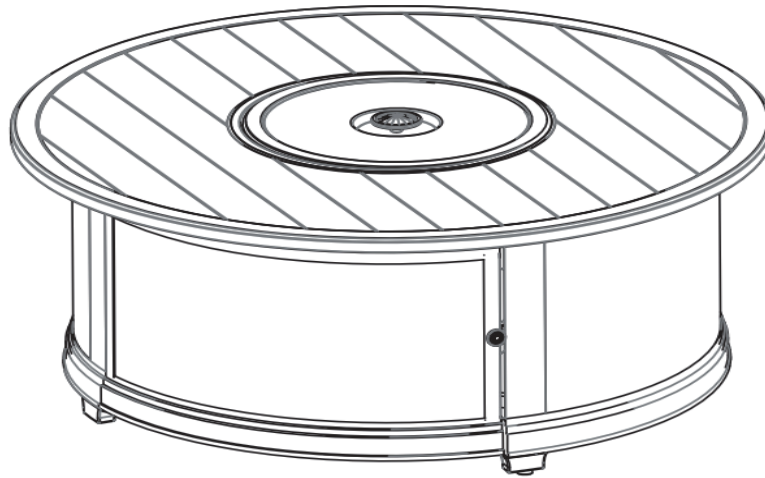




Verena 5 Piece Fire Pit Set Fire Pit Table

ASSEMBLY / CARE & USE INSTRUCTIONS

**IMPORTANT, RETAIN FOR FUTURE REFERENCE:
READ CAREFULLY**



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at **1-888-690-9800** or email us at cs@sunvillahome.com, 8:30 a.m. – 5:00 p.m. PT / 11:30 a.m. - 8:00 p.m., ET, Monday-Friday.

PREPARATION

Before beginning assembly of this product, make sure all parts are present. Compare parts with package contents list and hardware contents list. If any parts are missing or damaged, do not attempt to assemble this product. Stop and call our customer service center at 1-888-690-9800.

Estimated Assembly Time: 30 minutes

Tools Required for Assembly : Wrench (included)

⚠ SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble or install the product. This outdoor furniture is designed and made for personal non-commercial use. It should not be used as a toy or tool. Children should not engage in the assembly, removal, or disassembly, of the product.



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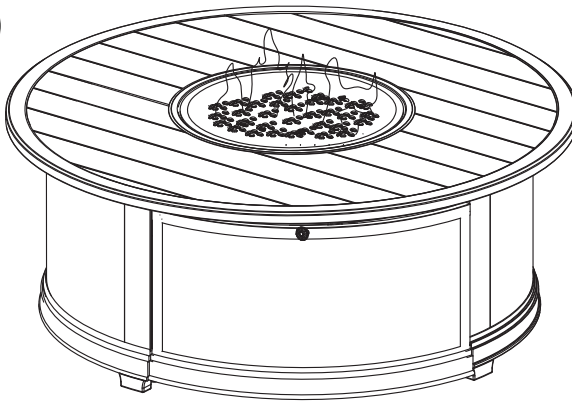
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CAUTION

DO NOT DISCARD THIS MANUAL

- Important operating and maintenance instructions included.
- Read, understand, and follow these instructions for safe installation and operation.



GAS-FIRED



DANGER

If you smell gas:

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



WARNING



HOT! DO NOT TOUCH.

SEVERE BURNS MAY RESULT.

CLOTHING IGNITION MAY RESULT.

Glass and other surfaces are hot during operation and cool-down.

- Young children should be carefully supervised when they are in the area of the appliance
- Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition
- Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance.

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



WARNING

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



WARNING



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



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.



SUNVILLA™ User Manual for Fire Pit Table

This appliance is a Decorative Gas Appliance for **OUTDOOR USE ONLY** and **MUST NOT** be used for cooking.

A. Design and Installation Considerations



Place the Fire Pit on a flat and stable surface in an outdoor location must be adjacent to the gas supply line or LP gas supply cylinder. DO NOT locate the appliance where it will get excessively wet or submerged in water.

B. Tools and Supplies Required



Before beginning the installation, be sure that the following tools and supplies are at hand.



- Gloves
- Safety Glasses
- Wrench

C. Inspect the Appliance and Components



 WARNING 
Inspect appliance and components for damage. Damaged parts may impair safe operation.
<input type="checkbox"/> DO NOT install damaged, incomplete, or substitute components
Report damaged parts to your dealer.




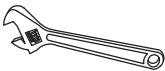

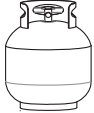
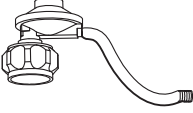


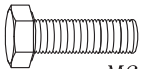

- Carefully remove all burner components from packaging.
- Read all instructions before beginning installation. Follow these instructions carefully during installation to ensure maximum safety and benefit.

 WARNING 
Asphyxiation Risk
<input type="checkbox"/> This gas appliance is for outdoor use in a well-ventilated space.
<input type="checkbox"/> This unit must not be installed inside an enclosed structure or unvented appliance

 WARNING 
Do NOT use this appliance if any part of it has been underwater. Have a qualified service technician inspect the appliance and replace any part of the control system and any gas control which has been underwater.

 WARNING 
Do not burn solid fuels in this gas appliance

 WARNING 
The warranty will be voided by, the following actions:
<input type="checkbox"/> Installation and use of any damaged components.
<input type="checkbox"/> Modification of the burner assembly
<input type="checkbox"/> Installation other than as instructed by the factory.
Any such action may cause a fire hazard

PART	QTY	PICTURE / DESCRIPTION	PART	QTY	PICTURE / DESCRIPTION
A	1	 Fire Pit Table Top	J	1	 Wrench
B	1	 Fire Pit Table Frame	K	1	 Adjustable Wrench (Not Included with Product)
C	1	 Cover			
D	1	 Gas Tank (Not Included with Product)			<p>WARNING: To avoid damage of your new patio furniture, please use either the carton or another soft surface such as carpet as a working surface to prevent product damage during assembly.</p>
E	1	 Propane Hose with Regulator			
F	1	 Igniter (Not Included with Product)			
G	2	 Bag of Decorative Glass			
H	4	 M6*25 Bolt			
I	4	 Φ 8. 4*Φ 24*2 Flat washer			

A. Appliance Certification

MODEL: CRYSTAL FIRE CF-20-LP, CF-1224, CF-2424,

LABORATORY: Underwriters Laboratories, Inc. (UL)

TYPE: Decorative Gas-Fired Outdoor Fireplace

STANDARD: Out Decorative Gas Appliances ANSI Z21.97-2014 * CSA 2.41-2014

The installation must conform with local codes or, in the absence of local codes, 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

B. BTU Specifications

The Crystal Fire has been tested in accordance with ANSI Z21.97-2014 and CSA 2.41-2014 for Canada and has been listed by Underwriters Laboratory (UL) for installation and operation as described in these installation and operating instructions.

Model	Orifice Size		Max input BTU	
	LP	NG	LP	NG
CF-20 NF-16	#43	#31	55331	51706

Homeowner Reference Information

We recommend that you record the following pertinent information about your appliance

Model name: _____ Date of purchase/installation _____

Serial Number: _____ Location on appliance: _____

Dealer purchased from: _____ Dealer Phone: _____

Notes: _____

Listing Label Information/Location

The model information regarding your specific appliance can be found on the rating plate attached to your burner via a metal chain. See the **sample** rating plate at right for locations of specifications.

GAS-FIRED
UL LISTED 42W4
 DECORATIVE OUTDOOR GAS-FIRED FIREPLACE
 The Outdoor GreatRoom Company
 2015 Silver Bell Road, #195
 Eagan, MN 55122

Model: All Crystal Fires ANSI Z21.97-2014 and CSA 2.41-2014 for Canada. Installation must conform with local codes or in the absence of local codes, 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

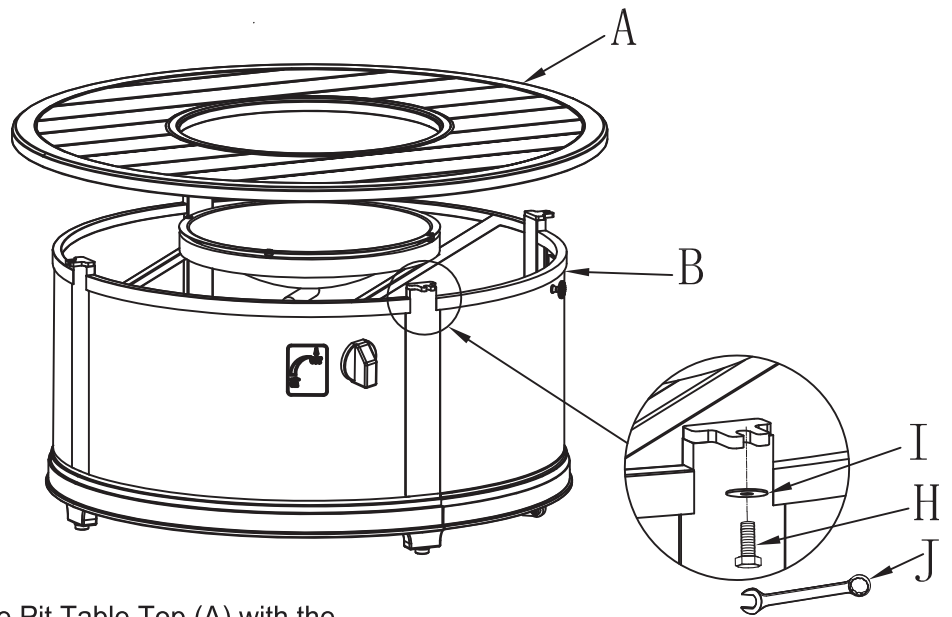
Model	Orifice Size		Max input BTU	
	LP	NG	LP	NG
CF-20 NF-16	#43	#31	55331	51706
CF-1224 NF-919	#43	#31	55331	51706
CF-2424 NF-919	#36	#17	79229	307865
CF-1242 NF-717	#31	#21	100568	90776
CF-1264	#31	#21	100568	90776
CF-12120 CF-1242-L	#31(2)	#21(2)	100568 (per half)	90776 (per half)
CF-30	#31	#17	90,000	90,000
CF-12	#55	#49	20000	19500

WARNING: Must Not Be Used For Cooking.
WARNING: For Outdoor Use Only. If stored indoors, detach and leave cylinder outdoors.
 MINIMUM CLEARANCES: Top: 6 Ft. (72") Sides: 2 Ft. (24") Bottom: 8 In.
 Minimum clearance from sides and back of unit to adjacent combustible construction below top of unit is 8 inches from sides and 8 inches from back.
 Minimum horizontal clearance from sides and back of unit to adjacent vertical combustible construction extending above top of unit is 24 inches from sides and 24 inches from back.

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.

CF-UL Rev E 9/18/15

Assembly :



Step 1:

Line up the bolt holes on the Fire Pit Table Top (A) with the corresponding bolt holes on the Fire Pit Table Frame (B).

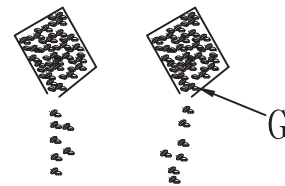
Screw the M6*25 Bolts (H) with Flat Washer (I) using the Wrench (J).

(* Reminder - Do not completely tighten bolts now.)

Repeat this step until Fire Pit Table Frame(B) is connected to Fire Pit Table Top (A). Now tighten all bolts.

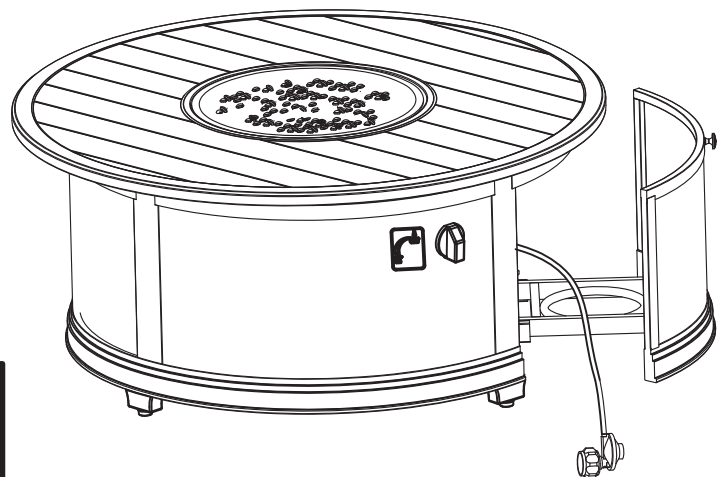
Step 2:

Spread the glass (G) out evenly over burner area. Use all glass provided for best effect. Keep glass clear of spark to avoid accidental blockage.



* NOTES:

A percentage of glass beads may arrive split in half. This is normal. Additional beads may split after use.

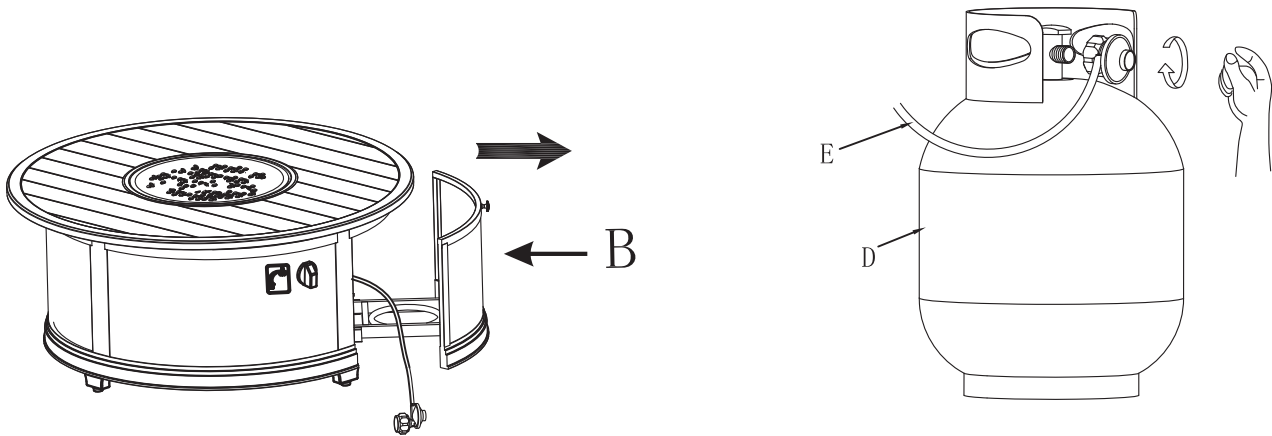


DO NOT BURN WITHOUT GLASS OR OTHER SUBSTRATE SUCH AS LAVA ROCK IN BURNER.

Assembly :

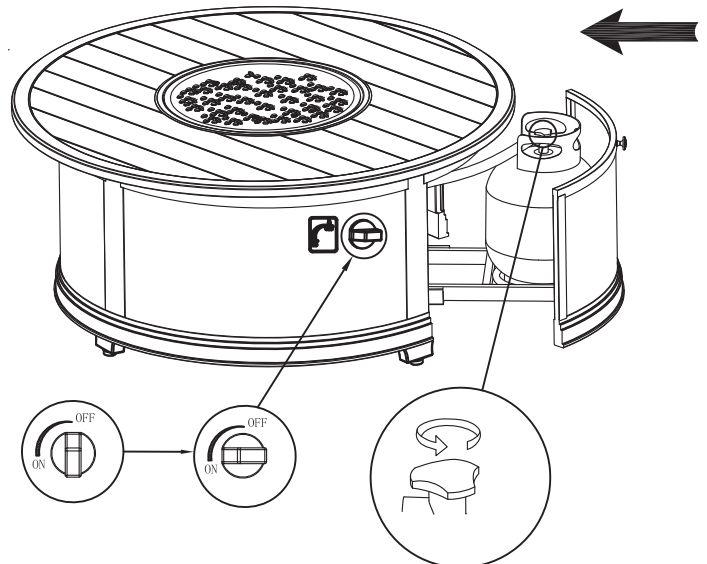
Step 3:

Open the door on the side of the fire pit table (B) and securely tighten the regulator (E) to the tank valve on a gas tank (D) by rotating clockwise, hand-tighten only. Do not use a wrench to tighten! Use of a wrench may damage the quick closing nut and result in a hazardous condition.



Step 4:

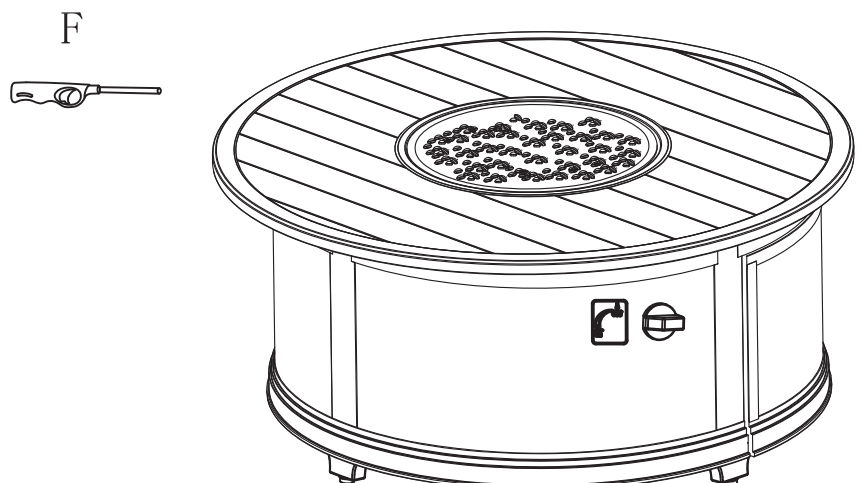
Open the tank valve before using by rotating the valve counterclockwise. Turn the knob according the instruction on Fire Pit Table



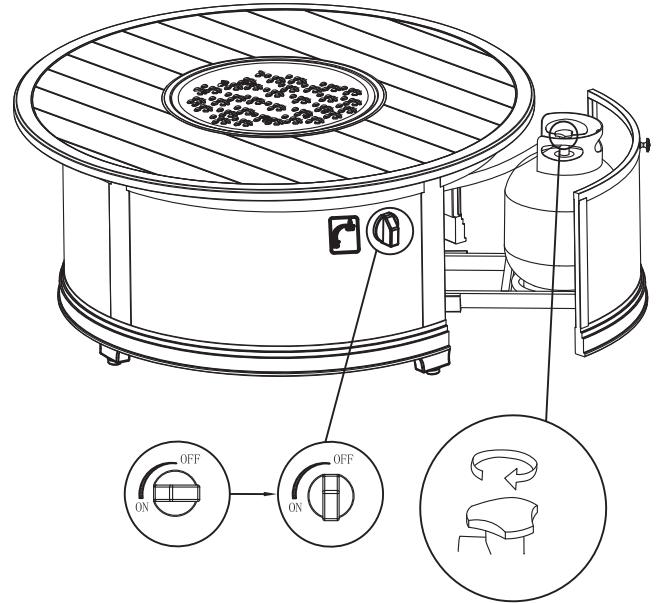
Step 5:

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.

*NOTE:
Please use a kitchen / multi-purpose lighter to light the burner as shown as part (F).



Assembly :

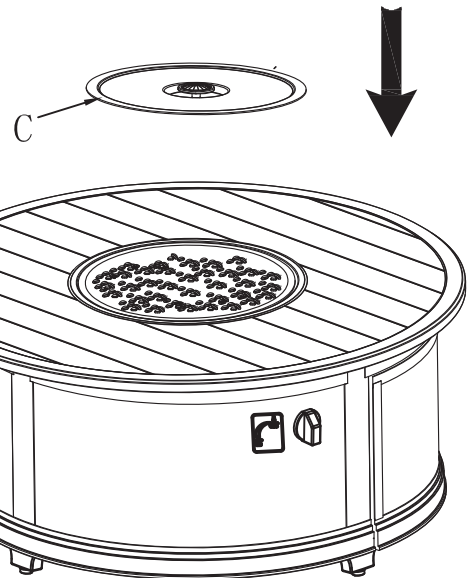


Step 6:

Close the tank valve after use by rotating clockwise. Make sure the knob is turned completely off by placing it in the close position.

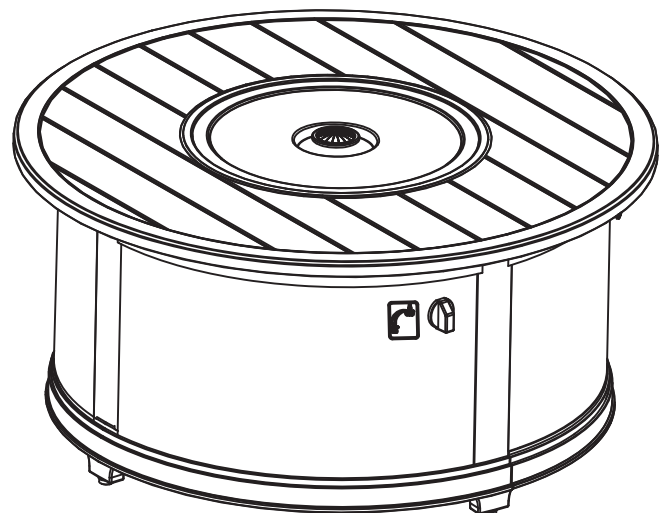
Step 7:

Wait for the glass to cool down. Then place cover over burner.



Step 8:




Storage of the fire pit table indoors is permissible only if the gas tank (D) is disconnected and removed from the table.



Framing and Clearances

Note:

- Illustrations reflect typical installations and are **FOR DESIGN PURPOSES ONLY.**
- Illustrations/diagrams are not drawn to scale.
- Actual installation may vary due to individual design preference.

	WARNING	
	Fire Risk	
	Provide adequate clearance:	
	<ul style="list-style-type: none">• Around air openings• For service access.	
		Locate appliance away from traffic areas

A. Clearances to combustibles

If you are not using an Outdoor GreatRoom Company table with this burner, be sure to mount to a non-combustible surface maintaining at least 8" to combustible surfaces and framing below the surface of burner.

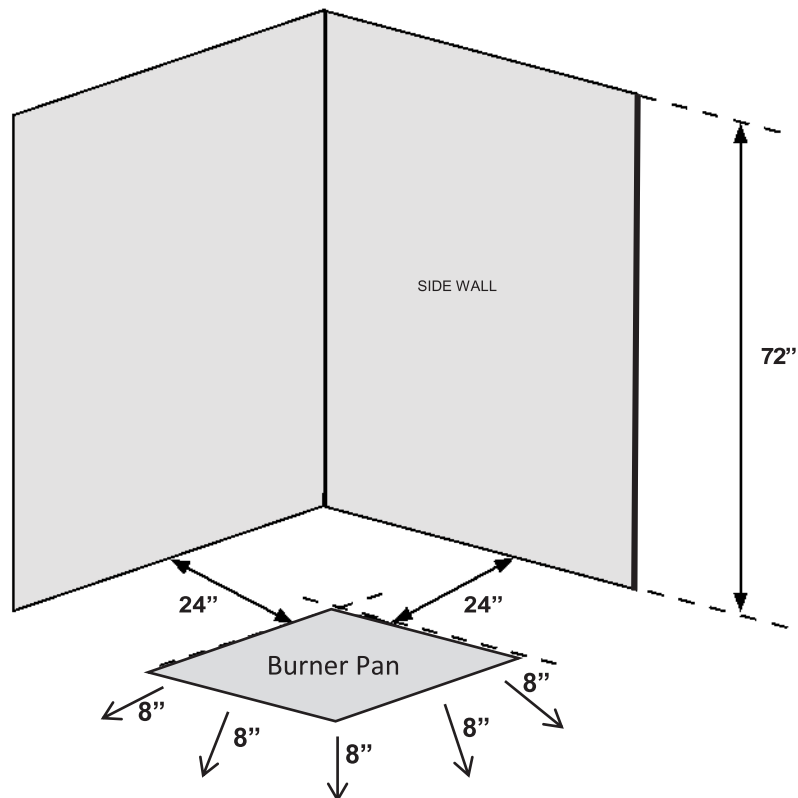


Figure 3.1 Clearances to Combustibles

Gas Hookup and Information

A. Fuel

Before making gas connections, ensure the appliance being installed is compatible with the available gas type.

B. Gas Pressure

Proper input pressures are required for optimum performance. Gas line sizing requirements need to be made following NFPA54

WARNING

Fire Risk
Explosion Risk

Verify inlet pressures.

- High pressure may cause overfire condition.
- Low pressure may cause explosion.
- Verify minimum pressures when other household gas appliances are operating

Install regulator upstream of valve if line pressure is greater than ½ psig.

Pressure requirements for appliance are shown in table below. Minimum pressures must be met when other household gas appliances are operating.

Pressure	Natural Gas	Propane
Minimum Inlet Pressure	7 in w.c.	11 in. w.c.
Maximum Inlet Pressure	10.5 in w.c.	14 in. w.c.

The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressures in excess of 1/2 psi (3.5 kPa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

C. Gas Connection

Note: Have the gas supply installed in accordance with local building codes, if any. If not, follow ANSI 223.1. Installation should be done by a qualified installer approved and/or licensed as required by the locality. (In the Commonwealth of Massachusetts installation must be performed by a licensed plumber or gas fitter.

Note: A listed (and Commonwealth of Massachusetts approved) 3/8 in. T-handle manual shut-off valve and flexible gas connector are connected to the 3/8 in. control valve inlet.

If substituting for these components, please consult local codes for compliance.

Incoming gas line should be piped to the 3/8 inch connection on the manual shutoff valve.

WARNING

Fire Risk
Explosion Risk

- Gas build-up during line purge may ignite.
- Purge should be performed by qualified technician.
- Ensure adequate ventilation.
- Ensure there are no ignition sources such as sparks or open flames.

- A small amount of air will be in the gas supply lines. When first lighting appliance it will take a short time for air to purge from lines. Subsequent lighting of the unit will not require such purging. **Never allow the ON/OFF valve to remain in the open position without pressing and continuing to hold igniter button FIRST.**

WARNING

CHECK FOR GAS LEAKS

Fire Risk
Explosion Risk
Asphyxiation Risk

- Check all fittings and connections.
- Do not use open flame.
- After the gas line installation is complete, all connections must be tightened and checked for leaks with a commercially available leak-check solution. Be sure to rinse off all leak check solution following testing.

Fittings and connections may have loosened during shipping and handling

Lighting and Operation

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 can be lit electronically or with a match. 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:

- Do not try to light any appliance.
- Do not touch any electric switch, do not use any phone nearby.
- Immediately call your gas supplier from a neighbors phone. Follow gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department

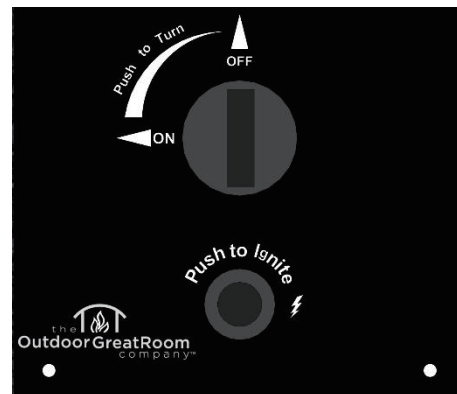
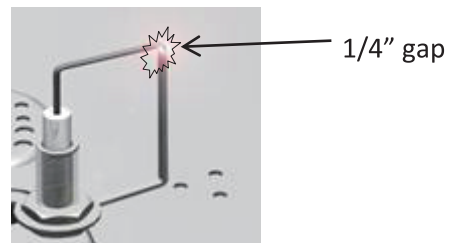
C. Use only your hand to turn the gas control knob on propane tank (if equipped), never use tools. If the valve won't turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. Do not use the appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and replace any part which has been underwater.

E. The gas pressure regulator provided with this appliance must be used. This regulator is set for an outlet pressure of 10.5 inches water column.

Lighting Instructions

1. Ensure control panel valve is in the "OFF" position and slowly open valve on propane tank. If using natural gas or whole-house LP, open ball valve. Place lit match over center area of burner.
2. Turn on control valve by depressing knob and turn to on position.
3. If match fails to ignite. Turn off wait a few minutes and reattempts.



To Extinguish: Turn control valve to "OFF" position or close ball valve. Close valve on propane tank while not in use.

Initial break-in procedure: When you light the appliance, you may notice that it produces heat which may have an odor. If you feel this odor is excessive it may require an initial three to four hour continuous burn on high.

Symptom		Possible Causes		Corrective Actions
1.	Fire won't light	A.	No LP in tank, or NG main not turned on.	Check the LP (propane) tank. You may be out of gas. Or check Natural Gas valve at main.
		B.	Plugged burner orifice.	Check the burner orifice for stoppage. Remove stoppage.
2.	Low flames or won't stay lit.	A.	Manual shutoff valve (on/off control knob) open or not in-stalled between LP tank and appliance.	Close LP tank and manual shutoff valves. Open LP tank valve first, THEN the manual shutoff valve.
3.	Blue Flames	A.	This is a result of normal operation and flames will begin to yellow as unit is allowed to burn for 16-20 minutes.	Do nothing.
		B.	Improper air/fuel mixture related to air shutter position.	Close air shutter. (for LP, leave 1/4" open, Natural gas 1/16" open)
4.	Metallic noise	A.	Noise is caused by metal expanding and contracting as it heats up and cools down, similar to the sound produced by a furnace or heating duct. This noise does not affect the operation or longevity of the appliance.	Do nothing.
5.	Decorative Beads cracking or splitting	A.	Heat and/or abrupt temperature changes.	This is a property of glass and may happen occasionally. Do nothing. This is completely normal.

Maintenance and Service Tasks

Inspect	Inspect	
Burner Assembly	1	Remove decorative glass and examine burner. Vacuum and wipe out as needed. Use caution when cleaning these areas
	2	Inspect for warping and corrosion. Repair as necessary
	3	Check the hose connecting the LP gas cylinder to ensure it is not damaged. Replace as necessary.
	4	Verify air shutter area is clean
Burner Ignition and Operation	1	Verify all gas connections are tight and leak-free
	2	Clean burner top, inspect for plugged ports, corrosion, or deterioration. Replace burner if necessary.
	3	Inspect for flame problems.
	4	Verify air shutter is clear of dust and debris and is in correct position for the gas type being used.
	5	Inspect orifice for soot, dirt, or corrosion
	6	Verify manifold and inlet pressures. Adjust regulator as required.
Gas Hose with Regulator	1	The gas hose with regulator supplied with appliance must be used for LP installations. The replacement must be those specified by the appliance manufacturer



CARE AND MAINTENANCE

Wash with mild soap. Rinse with water and let air dry.

LIMITED WARRANTY

This warranty is extended to the original purchaser and applies to defects in materials and workmanship of your patio furniture provided your furniture is maintained with care and used only for personal, residential purposes.

Frames are warranted to be free from defects in material or workmanship for a period of two (2) year.

Straps and/or Wicker Weaves are covered for a period of one (1) year against defects in material or workmanship.

Sunbrella® fabric is covered for a period of five (5) year against defects in material or workmanship.

Exclusions: Items used for commercial, contract or other non-residential purposes; display models; items purchased "as is;" or items damaged due to acts of nature, vandalism, misuse or improper assembly are not covered. Discoloration or fading of the finish or fabrics as a result of exposure to the elements, chemicals or spills is not covered. Tabletop breakage, corrosion or rusting of hardware and damage to frames or welds caused by improper assembly, misuse or natural causes are not covered.

If within the stated warranty period a product is found to be defective in material or workmanship, the purchaser must contact the manufacturer's customer service department at 1-888-690-9800. The manufacturer, at its option, will repair or replace the defective parts.

Warranty is to the original purchaser and is non-transferable. Any replacement of warranted items will be in the original style and color or a similar style and color if the original is unavailable or has been discontinued. As some states do not allow exclusions or limitations on an implied warranty, the above exclusions and limitations may not apply. This warranty gives you specific rights, and you may also have other rights which vary from state to state.