



THE OUTDOOR  
GREATROOM  
COMPANY

# Alcott Fire Table

Installation Instructions for ALC-1224



## IMPORTANT

Please consult your Crystal Fire instruction manual for detailed instructions and important information related to the burner installation including: lighting and operating instructions, safety information, and proper tightening of connections with two wrenches.

**DO NOT ATTEMPT TO INSTALL CRYSTAL FIRE BURNER WITHOUT FIRST CONSULTING THE CRYSTAL FIRE OWNER'S MANUAL.**

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## Required Tools

**TWO people are required for this installation.**



- 2 Open Ended Wrenches  
To secure gas connections.



- Leather Gloves  
To protect hands from rough edges found on fire pit during installation.



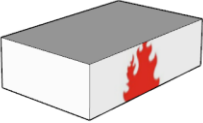


- One AAA Battery (not included)  
Required for electric spark igniter installation.



- Utility Knife  
To cut and remove packaging.

# Included With Your Fire Pit

	<p>Alcott 1224 base (Control Panel Installed)</p> <p>ALC-1224-BASE</p>
	<p>Antique Timber Supercast Top and Burner Cover</p> <p>3648-1224-AT &amp; 3648-1224-AT-C</p>
	<p>1224 Crystal Fire Burner with Brown Trim</p> <p>CF-1224-BRN</p>

Refer to Crystal Fire Manual for items included with crystal fire burners.

# Assembly Instructions

## 1. Un-packaging

- Do not discard any packaging until assembly is complete and unit is tested.
- Keep all included manuals in a safe place for future reference.

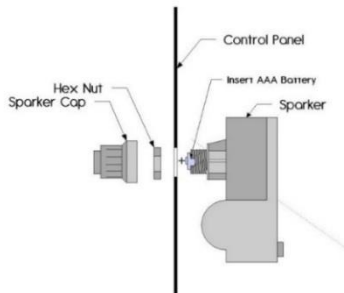
## 2. Base Placement

- Place base in desired final location.
- Place on a hard, flat surface. Avoid soft surfaces and areas that collect water.
- Refer to Crystal Fire Manual included with your Crystal Fire Burner for safety information regarding the placement of your fire pit.



### **3. CF-SPARKER Installation**

- Locate CF-SPARKER inside of crystal fire burner box.
- Remove CF-SPARKER cap and hex nut. Insert AAA battery (not included) with + end out.
- Install CF-SPARKER into control panel as shown below.
- Depress CF-SPARKER button to test your sparker.



### **4. Supercast Top Placement**

- Caution: Top is heavy, two people are required to lift and set in to place. Remove burner cover before lifting the top to avoid damage to the cover.
- Construction adhesive can be used to permanently secure top to base, if desired.

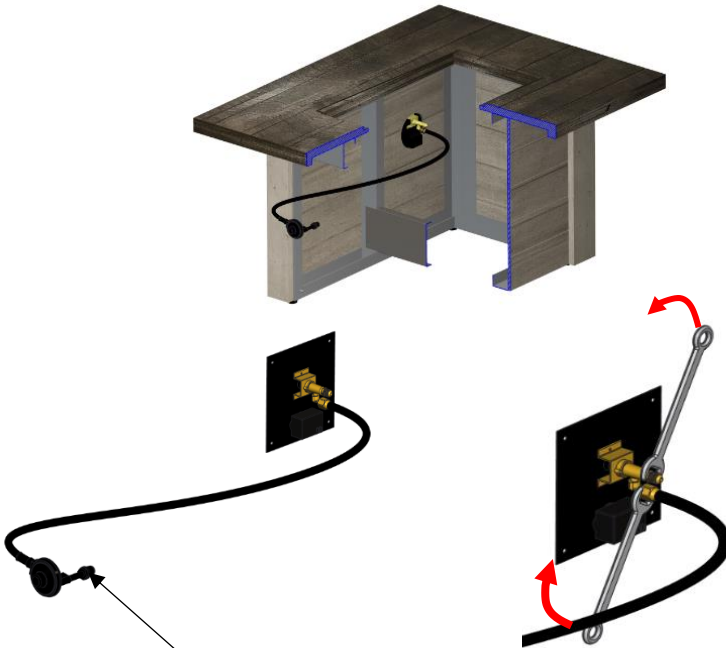


## 5. Gas Connections

Read and understand your Crystal Fire Burner Owner's manual before beginning burner hookups or using the device.  
Do not use Teflon tape or pipe dope on flare fittings.



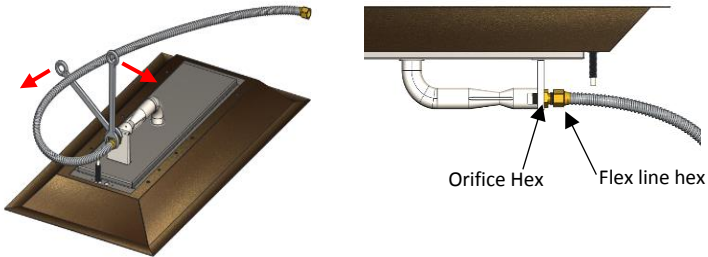
- Ensure valve is in the OFF position before making any gas connections.
- For propane tank installations, install included propane hose and regulator to the control panel as shown below. **Use two wrenches to ensure a gas tight connection.**
- For hard piped installations, connect the gas supply line (not included) to the 3/8" male flare fitting on the valve. **Use two wrenches to ensure a gas tight connection.**



Propane regulator  
Or gas supply line

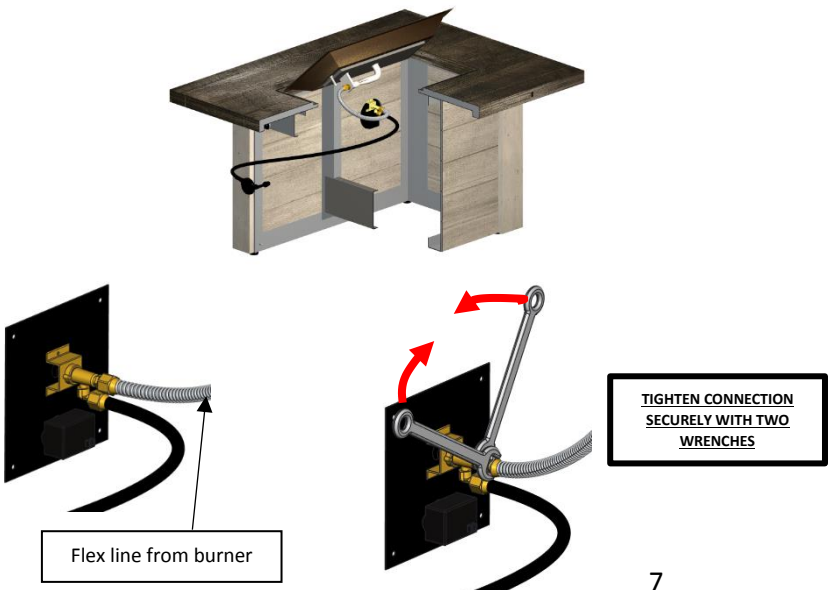
**TIGHTEN CONNECTION**  
**SECURELY WITH WRENCH**

- Ensure the correct orifice is installed for the fuel type you are using (see Crystal Fire Burner Owner's Manual included with burner for orifice sizing information).
- Ensure flex line is securely tightened to the orifice. Use two wrenches as shown. One wrench on the flex line and one on the orifice for counter torque.



**TIGHTEN ALL CONNECTIONS SECURELY WITH TWO WRENCHES**

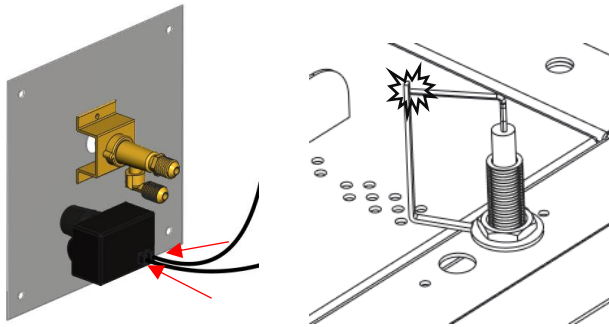
- Attach flex line from the burner to gas valve as shown. **Use two wrenches to secure connection.**



- Carefully place burner into burner opening, oriented as shown.



## 6. Electrode Installation



- Plug both **BLACK** wires hanging from the burner into the back of the CF-SPARKER. If an orange wire is present, do not use it. The orange wire is for Direct Spark Ignition system only.
- Test system by pushing the button on the igniter. Consult the troubleshooting section of the Crystal Fire Burner Owner's Manual, if the spark is weak, intermittent, or not present.



## 7. Propane Tank Installation



- With the propane tank valve and fire pit valve off, attach the propane regulator to the propane tank. **Hand tighten, do not use a wrench for this connection.**



- Insert propane tank into base by sliding it past the red dotted line shown above.
- Ensure no hoses or wires are contacting the bottom of the burner.
- Replace the access door.

## 8. Fire Media Installation

- Scatter all included glass beads, lava rock, or other approved fire media evenly across entire burner surface.



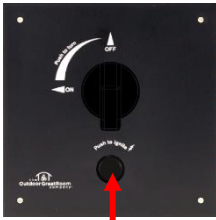
**DO NOT OPERATE CRYSTAL FIRE BURNER WITHOUT INCLUDED GLASS BEADS OR OTHER APPROVED FIRE MEDIA**

**DO NOT OPERATE CRYSTAL FIRE BURNER WITH BURNER COVER IN PLACE**

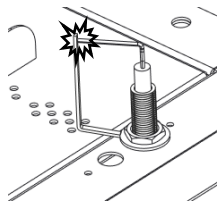
## 9. Operating Instructions

Before operating your Alcott 1224 fire pit, ensure all gas connections are properly tightened and thoroughly leak checked. Refer to the Crystal Fire Manual for information on proper leak checking and other critical safety information.

- With the valve on the fire pit in the OFF position, open the valve on the propane tank or natural gas supply.
- Double check to make sure there are no gas leaks at the regulator or inlet side of the valve. If leak is detected, immediately shut off the gas supply and wait 5 minutes to allow gas to dissipate. Fix any leaks before proceeding.
- Press the sparker button and hold, look and listen for spark between electrode and grounding rod.
- While depressing the sparker, open the valve.



1. Depress sparker



2. Look/listen for spark



3. Turn valve to ON

- If burner does not light after 10 seconds, close the valve and wait 5 minutes to allow gas to dissipate before attempting ignition again.

Refer to the Crystal Fire Manual included with your burner for more detailed information on operation, maintenance, and safety of your burner.

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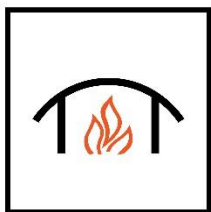
## **WARNING**

**After consulting the manual and following instructions, remember; before operating, all gas connections must be fully checked for leaks**

Thank you for purchasing an  
Outdoor GreatRoom Company  
product! This fire pit was made with  
pride in the USA.



**Warranty:** Fire pit tables are covered under a 1-  
year manufacturer's warranty. Please visit  
<http://www.outdoorrooms.com/warranty-form>  
to register your product.



14400 Southcross Drive West • Suite 100 • Burnsville, MN 55306  
Toll Free: 1-866-303-4028 • [Sales@OutdoorRooms.com](mailto:Sales@OutdoorRooms.com)