



the **outdoor**
greatroom
company

Bronson Fire Pit

BRON52-K



IMPORTANT

Consult your Crystal Fire® Plus Burner User manual for detailed instructions and important information regarding burner installation including: full burner setup, lighting instructions, safety information, and proper tightening of connections.

DO NOT ATTEMPT TO INSTALL CRYSTAL FIRE® PLUS BURNER WITHOUT FIRST CONSULTING THE CRYSTAL FIRE® PLUS BURNER USER MANUAL

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A. Required Tools



- **Utility Knife**



- **Phillips Screwdriver**



- **Wrenches** - Tighten gas connections

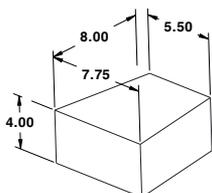


- **Gloves** - Protect hands from rough edges

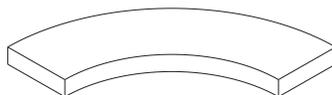


- **Battery:** One (1) AAA battery (not Included)
» Required for spark igniter installation and operation

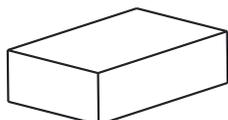
B. Included Items



7.75" X 5.50" X 4.00" Brick
(84)



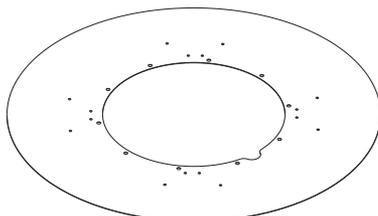
Capston (Optional)
(4)



BI28 Burner and Accessories
(1)



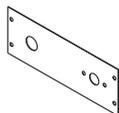
Tumbled Lava Rock
(LAV-TMB)
(12)



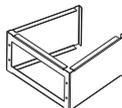
42 Inch Round Burner Plate (BP42RD)
(1)



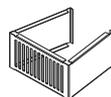
34" Whistle Free
Stainless Steel
Flex Line (10367)
(1)



Control Panel (10259)
(1)



Control Panel Block (10393)
(1)



Vent Block (10394)
(2)

C. Assembly Instructions



WARNING



Exposed edges may be rough, use leather gloves when removing packaging and handling the bricks.

1. Unpacking:

- » Do not discard any packaging until assembly is complete and unit is tested. Keep all included manuals in a safe place for future reference. Keep bricks stacked until ready to be placed.

2. Layer 1

- **Refer to Crystal Fire® Plus Burner user manual to ensure clearances to combustible materials are met.**
- Once desired location for fire pit has been determined, start with placing first layer of bricks. Follow diagram on Figure C.1

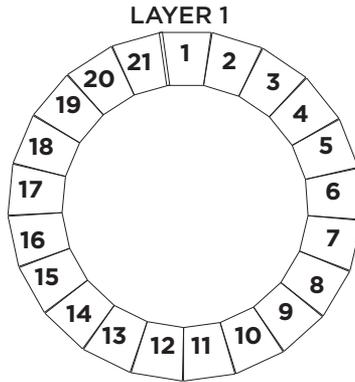


Figure C.1

3. Layer 2

- This layer will contain the 2 vent blocks (*included in kit*), and the control panel block (*included in kit*). Follow diagram on Figure C.2

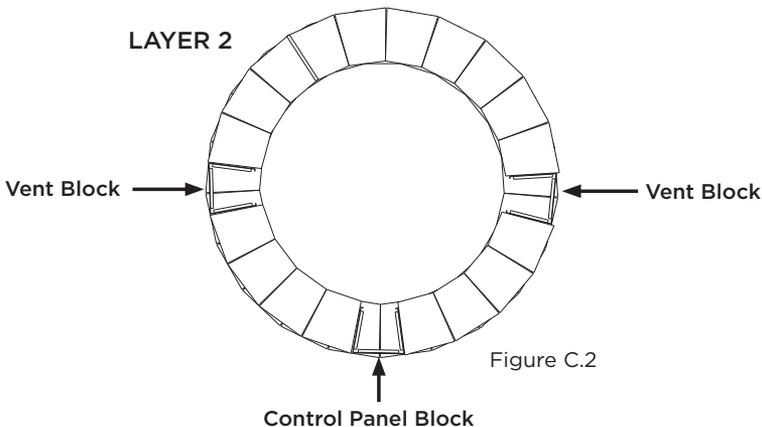


Figure C.2

C. Assembly Instructions Continued

4. Layer 3

- Follow diagram on figure C.3

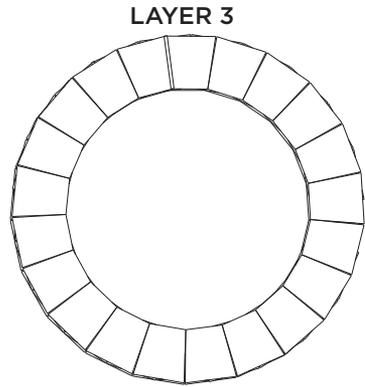


Figure C.3

5. Unpack burner.

- Before installing the burner into the burner plate, remove the 24" flex line between burner orifice and valve.
- Connect included 34" flex line to orifice & valve.
- Use 2 wrenches to tighten and perform leak test.
- Set burner into burner plate.
- Position burner plate on fire pit, leaving a gap between burner plate and control panel block. See diagram on Figure C.4

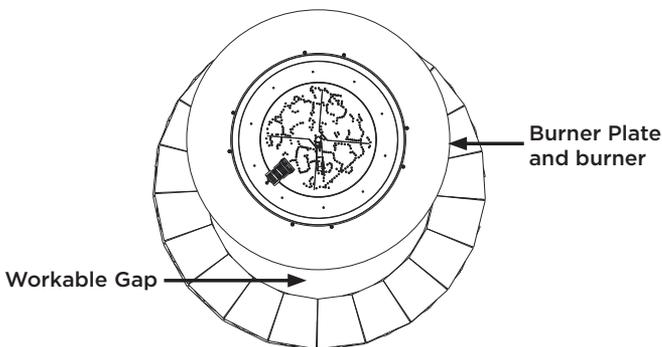


Figure C.4

C. Assembly Instructions Continued

6. Connect the wires

- Connect the orange igniter wire and black ground wire to the terminals on the back of the sparker. Both wires can be connected to either location.
- Remove sparker cap and hex nut from the sparker. See Figure C.5
- Install sparker into control panel. Tighten hex nut onto sparker to secure to control panel.
- Insert AAA battery (*not included*) with the positive (+) end oriented outward. Secure sparker cap onto sparker.
- Test system by pushing the button on the igniter. See Figure C.6
 - » Consult troubleshooting section of Crystal Fire® Plus owner's manual if the spark is weak, intermittent or not present.

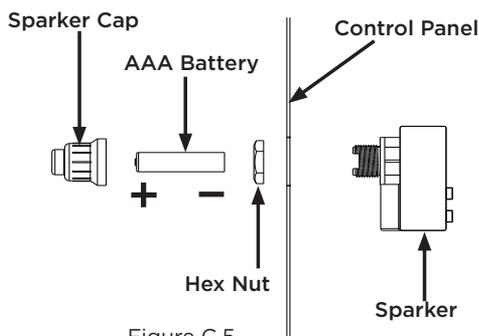


Figure C.5



Figure C.6

7. Control panel assembly

- Pull valve through the control panel block,
- Connect the main gas supply to valve using 1/2" flare nut.
- Attach burner valve to control panel with provided screws. See figure C.7

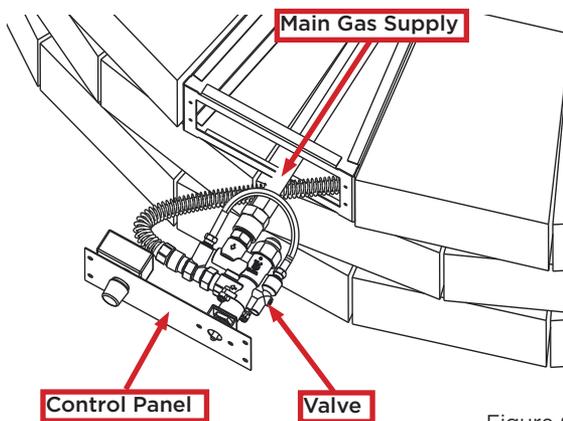


Figure C.7

C. Assembly Instructions Continued

8. Control panel attachment

- Push control panel back into block, making sure all connections are tucked in and not kinked. Using the four (4) provided metal screws, attach the control panel to the control panel block.
- Push valve knob onto the stem of the valve. See Figure C.8

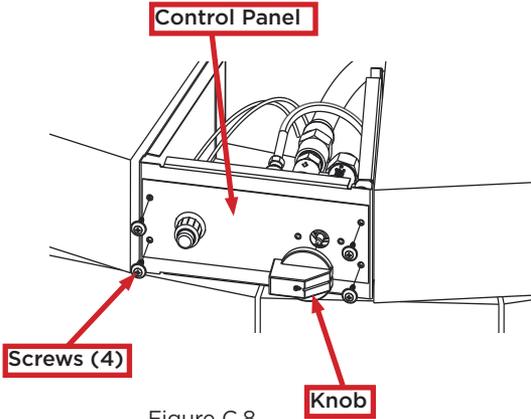


Figure C.8

9. Layer 4

- Move burner and burner plate back towards the center of fire pit.
- Place final layer of bricks, follow diagram on Figure C.9

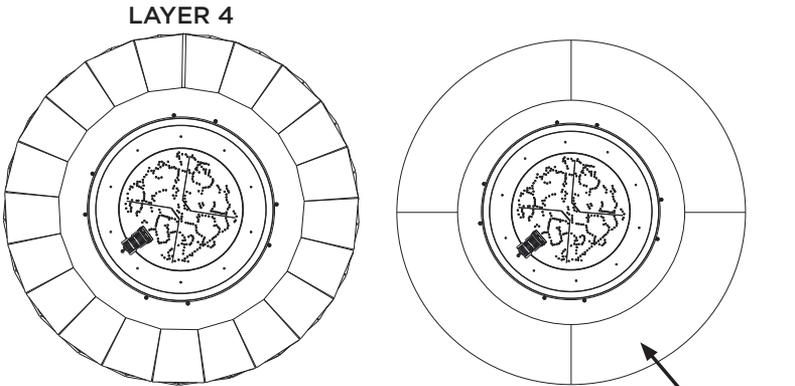


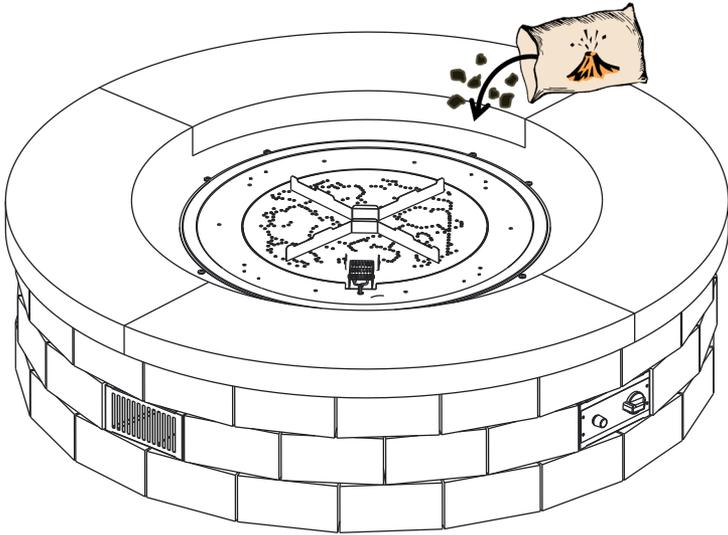
Figure C.9

- **Optional Capstone Setup:** The BRN52-K has an optional capstone. The capstone can be placed on top of layer 3 (replacing the brick layer 4) OR on top of layer 4. When using the optional capstone, ensure that the burner plate is one layer below the capstone.

D. Finishing Touches

1. Install Outdoor GreatRoom Company approved burner media according to Crystal Fire® Plus burner user manual.

CAUTION! DO NOT BURN FIRE TABLE WITHOUT APPROVED BURNER MEDIA, BURNER DAMAGE CAN OCCUR.



E. Operating Instructions



WARNING



After consulting the Crystal Fire® Plus user manual and following instructions,
CHECK ALL GAS CONNECTIONS FOR LEAKS BEFORE OPERATING.

Verify control valve is in OFF position. If operating on a self-contained propane cylinder, ensure cylinder valve is CLOSED. If operating on a hard-piped system, ensure main gas supply shut-off valve and all other valves in gas system are OPEN.

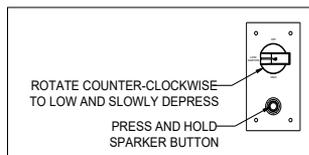
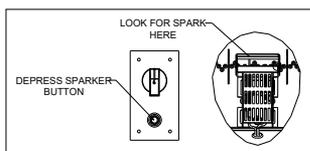
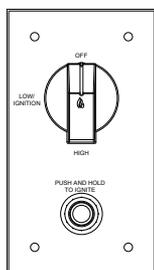
If operating on a self-contained propane cylinder, slowly open cylinder valve.

Press and hold sparker button. Verify an audible and visible spark is present within the ignition wind guard.

Gently press and turn control knob to LOW/IGNITION position. Fully depress control knob and hold for 3-5 seconds. Burner should ignite and continue to operate when control knob is released.

If burner does not light or remain lit after 20 seconds of attempting ignition, turn control valve to OFF position and wait 5 minutes to allow gas to dissipate before attempting ignition again. **DO NOT ATTEMPT TO LIGHT BURNER IF YOU SMELL GAS.**

With burner lit and operating, the flame height can be adjusted between LOW and HIGH at any time.



F. Warranty Information

Product Category	Warranty Information
Crystal Fire® Plus Burner	Limited lifetime warranty of 10 years on all stainless-steel burners installed in a residential setting, and 5 years on all stainless-steel burners installed in a commercial setting. Three-year warranty on ignition & electronic components installed in a residential setting. One-year warranty on ignition & electronic components in a commercial setting.
Bronson Bricks and Capstone	One-year warranty against defects in the material. Minor imperfections that do not affect the product's structural integrity, variations in product texture and color, and efflorescence (a white haze that is a naturally occurring process in concrete) are not covered by this warranty.

To obtain service under this warranty, you must:

1. Contact your original selling dealer for warranty parts and service
2. Send written notice of the claimed condition to: The Outdoor GreatRoom Company, 9583 217th St. W., Suite 100, Lakeville, MN 55044. Affirm that you are the original owner and have the original proof of purchase of the Product. Provide The Outdoor GreatRoom Company reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Product prior to any repair or replacement work and before the Product or any component of the Product has been removed.

G. Service Parts

Refer to **Crystal Fire® Plus Burner user manual for all burner-related service parts.**

IMPORTANT

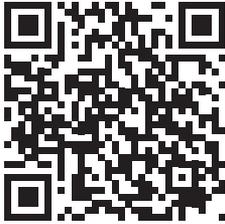
Please consult your Crystal Fire® Plus burner user manual for detailed instructions and important information regarding burner installation including: full burner setup, lighting instructions, safety information, and proper tightening of connections with two wrenches

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WARNING: This product can expose you to chemicals including Carbon Monoxide and Benzene which are known to the State of California to cause cancer or birth defects or reproductive harm. For more information, visit www.P65Warnings.ca.gov

Please visit <https://www.outdoorrooms.com/product-registration> to register your product.



Thank you for purchasing an Outdoor GreatRoom Company product! This fire pit was assembled with pride in the USA with US & imported parts.



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