Patent pending burner technology to build the perfect fire. The Outdoor GreatRoom Company offers 22+ stocked Crystal Fire® Plus burners plus custom options. All burners are UL & ULC listed and tested for safety and quality. Crystal Fire® Plus burners are included with every OGC fire pit table and can be purchased separately for custom-built fire pits and installations. Visit CrystalFirePlus.com for more information.
Crystal Fire® Plus burners and burner inserts are made from commercial grade #304 stainless steel and include a Variable Control Safety Valve, control panel, and clear tempered fire glass gems. All Crystal Fire® Plus burners and burner inserts are UL and ULC Listed to ANSI Z21.97-2017/CSA 2.41-2017 standard.

Crystal Fire® Plus burners and burner inserts have a higher BTU capacity and upgraded burner construction for a brighter, taller, fuller, more yellow flame. The pan burner design produces a more natural looking flame. Raised and extruded burner ports protect the burner from rain or water. Water safely drains from the perimeter of the pitched burner surface and out the perimeter of the pan.

Find videos and more information at CrystalFirePlus.com.

- Provides “Positive Connect” user experience, meaning minimal gas connections and quick installation time
- All connections made in factory with Flex Line, LP Hose & Regulator, and Variable Control Safety Valve pre-connected
- Controlled by a Variable Control Safety Valve with safety ignition and safety shutdown operations
- If flame is not sensed for any reason, the flow of gas to the burner will safely shut down
- Come set up for connection to liquid propane but can be field-converted to natural gas. Linear burners 64” in length and up come set up for natural gas, but can be converted to liquid propane if specified at time of order
- Fully adjustable flame height
- Glass wind guard highly recommended to enhance flame and protect surrounding finishes
- 3 finishes: Stainless Steel, Dora Brown, & Black
- Ventilation required for field-installed burner enclosures
- Installation should be completed by a certified gas technician
- Patent Pending
- UL & ULC Listed
- Limited lifetime warranty on Stainless Steel
- One year warranty on ignition controls
controls & ignitions

VARIABLE CONTROL SAFETY VALVE SYSTEM

- Included with every standard Crystal Fire® Plus burner and fire table
- If flame is not sensed for any reason, the flow of gas to the burner will safely shut down
- Adjustable flame operation
- Powder-coated panel with Black plastic knob and sparker
- For liquid propane or natural gas
- Gas key optional
- 6.375” H x 3.5” W

DIRECT SPARK IGNITION (DSI) SYSTEM

- On/Off operation
- Flame can be automatically ignited with a single control either on the unit or nearby surface
- If flame is not sensed for any reason, the flow of gas to the burner will safely shut down
- DSI System comes set up to run on 110V, battery operation optional (CF-DSI-BP), remote optional (CF-DSI-R)
- Wall switch operation optional, must order additional Switch Bypass (CF-DSI-SB.) Eliminates remote capability.
- Not field-convertible and cannot be retro-fitted.
- Order specific for liquid propane or natural gas
- Black powder-coated control panel is 6.375” H x 6.375” W
- If you are seeking a DSI system for commercial application, check out our commercial burner packages which includes additional commercial safety features

4 HOUR TIMER

- Four hour timer
- Timer replaces controls for DSI System
- Timer is built into control panel
- Black powder-coated panel with White knob
- 6.375” H x 3.5” W

DIY CONTROL PANELS

- Order for use with Variable Control Safety Valve (VCSV-DIY-CP) or Direct Spark Ignition (DSI-DIY-CP)
- For use with custom or hardscape block applications
- Black powder-coated finish
- 4” H x 9.5” W x 3” D
# Crystal Fire® Plus Burner Specifications

**BURNER NAME** | **MODEL #** | **DEPTH** | **DIAMETER** | **WEIGHT** | **MAX BTU's LP/NG** | **FIRE MEDIA**
---|---|---|---|---|---|---
12" Round Crystal Fire® | CF-12-DIY | 4.5" | 12" | 4 lbs | 20,000/19,500 | 5 lbs
20" Round Crystal Fire® Plus* | CFP20 | 5.39" | 12.06" | 10.5 lbs | 73,500/77,500 | 10 lbs
30" Round Crystal Fire® Plus | CFP30 | 4.39" | 32" | 18.1 lbs | 105,000/106,000 | 25 lbs
38" Round DIY Crystal Fire® Kit | DIY-38 | 4" | 37" | 32 lbs | 79,500/107,500 | 30 lbs
56" Wave | WV-56-LP or WV-56-NG | 13.88" | 8" | 55.63" | 14 lbs | 150,000/150,000 | 15 lbs

*Higher BTU output orifice available. Contact OGC for information. A Glass Wind Guard must be used if higher BTU output orifice is installed with any OGC fire table.

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**SQUARE**

**BURNER NAME** | **MODEL #** | **DEPTH** | **WIDTH** | **LENGTH** | **WEIGHT** | **MAX BTU's LP/NG** | **FIRE MEDIA***
---|---|---|---|---|---|---|---
16x16" Square Pewter Crystal Fire® | CF-1616-PTR | 5.65" | 15.61" | 15.61" | 5.25 lbs | 20,000/19,500 | 10 lbs
24x24" Square Crystal Fire® | CFP2424 | 4.63" | 25.75" | 25.75" | 16 lbs | 105,000/105,000 | 20 lbs

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**LINEAR**

**BURNER NAME** | **MODEL #** | **DEPTH** | **WIDTH** | **LENGTH** | **WEIGHT** | **MAX BTU's LP/NG** | **FIRE MEDIA***
---|---|---|---|---|---|---|---
12x24" Crystal Fire® Plus* | CFP1224 | 4.84" | 13.5" | 25.63" | 9.6 lbs | 75,000/75,500 | 10 lbs
12x42" Crystal Fire® Plus* | CFP1242 | 4.82" | 13.5" | 42.52" | 14.1 lbs | 100,000/100,000 | 15 lbs
12x64" Crystal Fire® Plus | CFP1264 | 4.71" | 13.5" | 64.3" | 19.3 lbs | 100,000/100,000 | 20 lbs
12x72" Crystal Fire® Plus | CFP1272 | 4.81" | 13.5" | 7" | 22.3 lbs | 125,000/125,000 | 25 lbs
12x84" Crystal Fire® Plus | CFP1284 | 4.81" | 13.5" | 84" | 25.7 lbs | 140,000/140,000 | 25 lbs
12x96" Crystal Fire® Plus | CFP1296 | 4.81" | 13.5" | 96" | 29.1 lbs | 165,000/165,000 | 30 lbs
12x108" Crystal Fire® Plus | CFP12108 | 4.81" | 13.5" | 108" | 32.5 lbs | 180,000/180,000 | 35 lbs
12x120" Crystal Fire® Plus | CFP12120 | 4.81" | 13.5" | 120" | 35.9 lbs | 200,000/200,000 | 40 lbs
56" Wave | WV-56-LP or WV-56-NG | 13.88" | 8" | 55.63" | 14 lbs | 150,000/150,000 | 15 lbs

***Depending on your application, you may need more or less fire media than the suggested amount.
**ROUND & SQUARE**

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<thead>
<tr>
<th>BURNER NAME</th>
<th>MODEL #</th>
<th>OPTIONAL PLATE</th>
<th>DEPTH</th>
<th>WIDTH</th>
<th>LENGTH</th>
<th>WEIGHT</th>
<th>MAX BTU's LP/NG</th>
<th>FIRE MEDIA***</th>
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<td>24.2 lbs</td>
<td>200,000/200,000</td>
<td>45 lbs</td>
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</table>

*Higher BTU output orifice available. Contact OGC for information. A Glass Wind Guard must be used if higher BTU output orifice is installed with any OGC fire table.
**Specifications for Burner Plate include the coordinating Burner Insert installed.
***Depending on your application, you may need more or less fire media than the suggested amount.
accessory options
LAVA ROCK, FIRE GLASS, & LOGSET

Lava Rock
LAVA-BLK
20 lb bag

Tumbled Lava
LAV-TMB
6 lb bag

Large Diamonds (3 colors)
CFLD-B pictured
5 lb bag

Crushed Glass (2 colors)
GFC-CRUSH-C pictured
5 lb bag

Gems (5 colors)
GFC-AM pictured
5 lb bag

Ceramic Fiber Log Set
CF20-LOG SET
Includes 6 logs and one bag LAVA-BLK

GLASS WIND GUARDS & FOLDING WIND GUARDS

- Custom options available
- Provides protection from the wind and acts as a barrier between the user and the flame
- Enhances the beauty of the flame
- Tempered glass
- Folding Wind Guards offer the convenience of a glass wind guard and burner cover in one. Available for CFP1224 and CFP1242 models.

CRYSTAL FIRE® PLUS BURNER FINISHES

Stainless Steel
(Standard)

Matte Black
(Optional)

Dora Brown
(Optional)
ready-to-finish enclosures

Made in USA ready-to-finish fireplace and fire pit enclosures made from Hardiebacker® fiber cement board and commercial-grade G90 marine-grade galvanized steel framing. These enclosures can be finished on-site to match your landscaping, hardscaping, or exterior design with granite, stone, tile, Supercast™ Concrete tops, hardscape block, and more. Includes vents pre-installed and a cut out for a control panel. Custom options also available. Recommended for hardpipe natural gas or liquid propane installation. Enclosures 8’ or less ship in one piece with drop-ship option available. Made in USA. For commercial and residential applications. See our Ready-to-Finish brochure or visit outdoorrooms.com for more information.

VENT BLOCK & VENT PLATE

- Crystal Fire® Plus burners require ventilation for any DIY or field-installed application
- Vent Block (VENT BLOCK BLACK) is 4” H x 8.5” W x 4” D black powder-coated steel
- Vent Plate (21005) is 3” H x 12” W brushed stainless steel