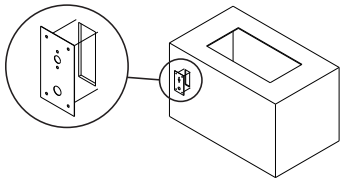
Crystal Fire® Plus Burner Quick-Start Guide

THE OUTDOOR GREATROOM COMPANY

• THIS GUIDE IS ONLY TO BE USED AFTER YOU READ AND UNDERSTAND THE FULL INSTALLATION INSTRUCTIONS SUPPLIED WITH YOUR CRYSTAL FIRE® PLUS BURNER.

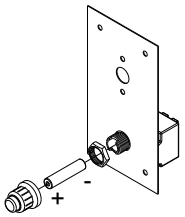
1

Secure the control panel in place.



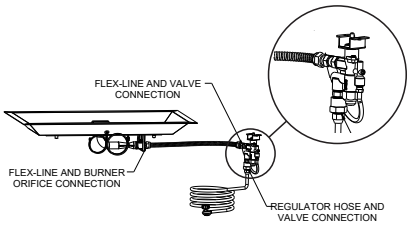
2

Secure the sparker box to the control panel.



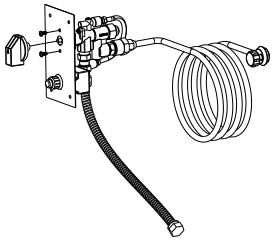
3

Using two adjustable wrenches, ensure all plumbing connections are tight.



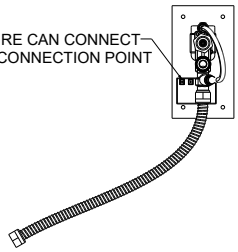
4

Secure the control valve to the control panel with the two screws provided.



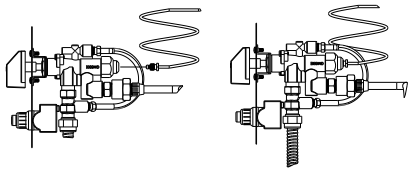
5

Connect igniter and ground wire to sparker box.



6

Carefully uncoil the thermocouple lead. Connect to the valve first by hand then tighten with a 10mm wrench. One thread should be visible when properly installed. **DO NOT** cross-thread thermocouple connection.

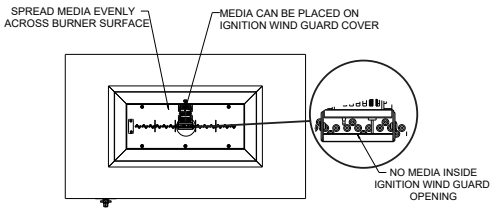


7

Carefully place burner into enclosure location.

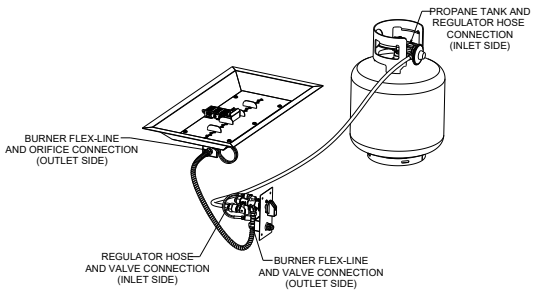
Place media in burner **DO NOT GET ANY MEDIA INSIDE THE IGNITION WIND GUARD.**

Remove the cardboard from ignition wind guard.



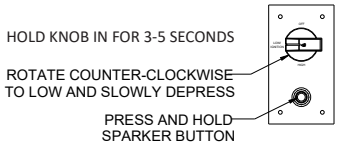
8

Connect hose and regulator to self-contained propane cylinder.



9

Test fire unit and check for leaks prior to full operation.



If no leaks are present, your system is ready to use.

Scan QR code below for CFP installation video.

How to scan a QR code on a phone or tablet:

- *Point your camera at the QR code.*
- *(On Andriod only) Tap the magnifying glass icon to scan the QR code.*
- *Tap the pop-up notification.*

Videos are not ment to replace insallation instructions

See reverse side for natural gas conversion instructions

Crystal Fire® Plus Burner Natural Gas Conversion

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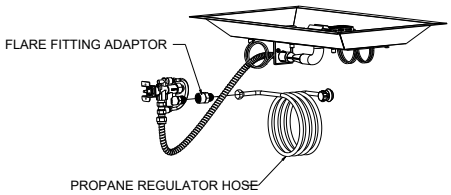
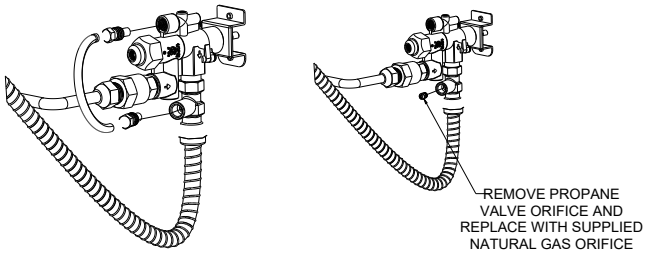
⚠ WARNING ⚠

Installation and service to be performed only by a qualified service technician.

1 Remove propane regulator hose and flare fitting adaptor.

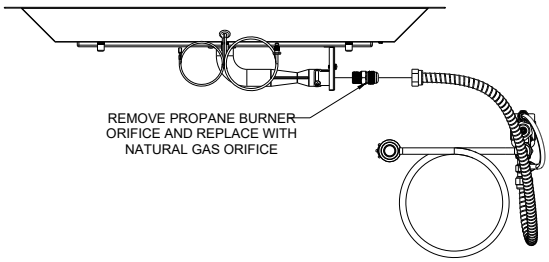


2 Remove bypass tube and valve propane orifice. Replace with natural gas orifice and reinstall bypass tube

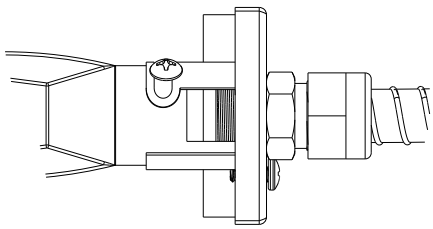
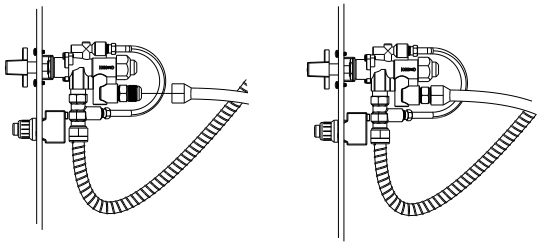


NOTE: CFP1242 AND CFP30 DO NOT HAVE A NATURAL GAS VALVE ORIFICE.

3 Remove burner flex-line and burner propane orifice. Install burner natural gas orifice and reinstall flex-line.



4 Close air shutter to 1/8” opening. If at altitude above 2500 ft.; keep air shutter open at 1/4”.



5 Connect main gas supply to 1/2” male flare connection on valve.