Commercial/Multi-family Use Guidelines

Outdoor Fire Tables, Fireplaces and Crystal Fire® Plus Burners
Thank You

Thank you for purchasing your commercial rated burner by The Outdoor GreatRoom Company. Please read the document below before installing your Crystal Fire® Plus burner and Direct Spark Ignition (DSI) system. **As always, you must read the Crystal Fire® Plus DSI manual before you begin your installation.**

Commercial Requirements

Beyond the listing for Commercial applications The Outdoor GreatRoom Company requires the minimum of a Direct Spark Ignition system to the Crystal Fire® Plus Burners. The system will include the burner, DSI module, control panel, and emergency stop. There are optional timers or on/off wall switch controls available.

Requirements Checklist

To limit potential risks please follow these requirements.

- **Anyone operating the appliance must thoroughly read the Crystal Fire® Plus and DSI installation manual.**
- Operate unit from building’s main NG/LP source
- Electronic ignition systems with automatic and safety shut offs should be used on all commercial installations.
- Gas installation, hook up, and set up must be done by certified gas technician/gas plumber
- Electrical supply, controls, and connections must be done by a certified electrician.
- An emergency shut off is included with every Outdoor GreatRoom Company commercial burner and must be installed by a certified electrician.
- Yearly maintenance done by certified gas technician/gas plumber
- Anyone operating the fire pit should be trained in its proper and safe use.
- Control switch must be located within site of the fire pit. Prior to each use, the operator must verify the fire pit is safe to ignite.
- Use of glass guards: OGC Highly recommends glass guards for all commercial applications. OGC is not responsible for any damages to fire pit top surfaces.
- Cover or protect when not in use
Commercial Application Checklist for OGC Fire Products

- All gas connections (orifice to flex hose, flex hose to gas valve, gas valve to LP/NG line) should be tightened using two wrenches.
- All gas connections should be checked for leaks by gas technician/plumber.
- Correct gas orifice is installed in unit (Propane or natural gas____).
- Product has been operating without any leaks or smell of gas.
- Gas pressure (NG) has been checked while unit is operating and documented ___________
- Ignition system has been tested for proper operation
- Installation manual and burner manual have been read and followed by installation group.

Maintenance Checklist

Perform the following on an as-needed basis

- Clean fire table top and base surface with gentle non-abrasive products
- Clean debris and glass gems from burner system periodically
- Check burner ports to ensure no blockage
- Cover when not in use

Perform the following on minimum annual or as-needed basis

- Leak test fittings (can be completed by a certified gas technician/gas plumber)
- If applicable, replace battery
- Clean and seal top surface as needed
- Clean areas when corrosion show
Other Considerations

Many people using or enjoying this gas appliance may not be familiar with an open flame. Please consider the following.

- Ensure they are aware that this is real fire providing real heat with open flames
- Ensure they are aware not to touch the controls during operation or non-use
- Ensure they are aware not to touch the burner area or media. Area can be hot for 20 minutes after operation
- Ensure that garbage or debris is not thrown into the gas burner.
- Ensure they are aware to notify staff of concerns of operation