

# FIRE GLASS MEDIA

## INSTALLATION GUIDELINES



## FOR YOUR SAFETY – READ BEFORE OPERATING

THIS PRODUCT MUST BE INSTALLED AND SERVICED BY AUTHORIZED PERSONNEL. FAILURE TO FOLLOW THESE INSTRUCTIONS EXACTLY CAN RESULT IN FIRE, EXPLOSION, PERSONAL INJURY, DEATH, DAMAGED EQUIPMENT, AND PROPERTY DAMAGE.

### WHAT TO DO IF YOU SMELL GAS

- Do not store or use any gasoline or other flammable vapors and/or liquids in the vicinity of this or any other unit.
- If you smell gas, shut off gas to the unit.
- Extinguish any open flame near the unit.
- Do not attempt to manually light any automated electronic burner assembly.
- If odor continues, move away from the area and immediately call your gas supplier.

This manual should remain with the homeowner or parties responsible for the operation of the unit.

## FOR USE WITH NATURAL GAS ONLY DO NOT USE SOLID FUELS

**IMPORTANT:** Use only decorative fire glass media that is approved for fire applications.  
**DO NOT use decorative fire glass media when using propane gas fire features.**

### OPERATING CONDITIONS

The unit should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary depending on environmental conditions. It is imperative that the transformer panel, pilot hood, burner assembly and circulating air passageways of the unit be kept clean and free of debris.

This system is not designed to operate in wind conditions exceeding 10MPH.

DO NOT use this unit if any part of the burner assembly has been under water or is soaked heavily. Immediately call a licensed contractor to inspect the unit and to replace any part of the burner assembly that has been under water.

Should overheating occur or the gas supply fail to shut off, turn off the manual gas control valve to the burner assembly.

### WARNING:

**HOT! DO NOT TOUCH - FIRE RISK/ BURN RISK. SEVERE BURNS MAY RESULT - CLOTHING IGNITION MAY RESULT! KEEP CHILDREN AWAY! CAREFULLY SUPERVISE CHILDREN! CLOTHING OR OTHER FLAMMABLE MATERIALS SHOULD NOT BE HUNG FROM THE UNIT NOR PLACED ON OR NEAR THE UNIT.**

## INSTALLATION REQUIREMENTS

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**Installation should be performed by a licensed contractor.** All aspects of installation must be in accordance with all local codes and/or the latest edition of the National Fuel Gas Code, ANSI Z223.1 and the latest edition of the National Electrical Code, NFPA 70 (US).

Adhere to recommended CSA/AGA clearances: sides 4ft and overhead 6ft.

Do not install near any combustibles (side or overhead) such as wood structures, fuels, clothing, fabrics or dry vegetation.

Install bowls well out of the way of pedestrian traffic.

## SYSTEM REQUIREMENTS AND COMPONENTS

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Components required for installation. Check to make sure all components are included in the correct quantities.

Do not use decorative fire glass media with propane systems. For natural gas systems, use of a mesh screen is necessary to maintain fire glass above the support plate. When using lava rock smaller than 1/2" use of a mesh screen is necessary.

When purchasing PTI fire glass decorative media along with your order, stainless steel mesh screens and are included. Open top pilot boxes will be installed per burner at the factory.

If media is not purchased from PTI along with your order; stainless steel mesh screens should be purchased from PTI individually when placing your order. When using fire glass decorative media or media smaller 1/2" in size must be specified upon order for an open top pilot box is installed at the factory.

### AUTOMATED BURNER ASSEMBLIES

#### **COMPONENTS INCLUDED WITH PURCHASE OF PTI FIRE GLASS**

- Specified color and weight of fire glass per order
- Open top pilot box per burner, factory installed
- Pre-cut stainless steel mesh screen per bowl

### MANUAL BURNER ASSEMBLIES

#### **COMPONENTS INCLUDED WITH PURCHASE OF PTI FIRE GLASS**

- Specified color and weight of fire glass per order
- Pre-cut stainless steel mesh screen per bowl

**OPEN TOP PILOT BOX**

- The open top pilot box is installed at the factory as shown



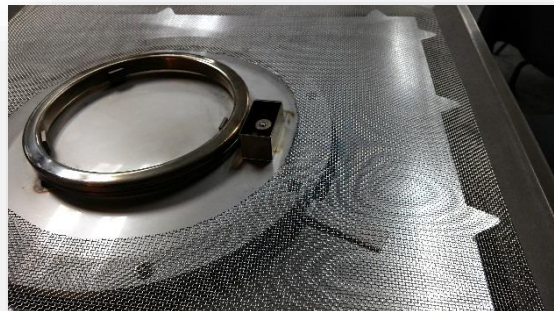
**STAINLESS STEEL MESH SCREENS**

- Screens are pre-cut to shape at the factory per bowl style.
- Place screens over the burner assembly as shown. The screen should extend over the gap between the support plate and the bowl to prevent small pieces from falling through.

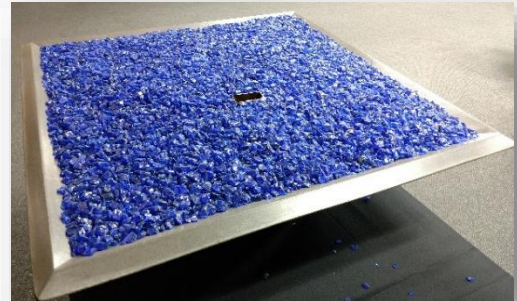
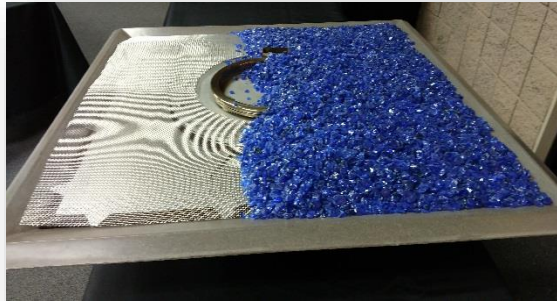
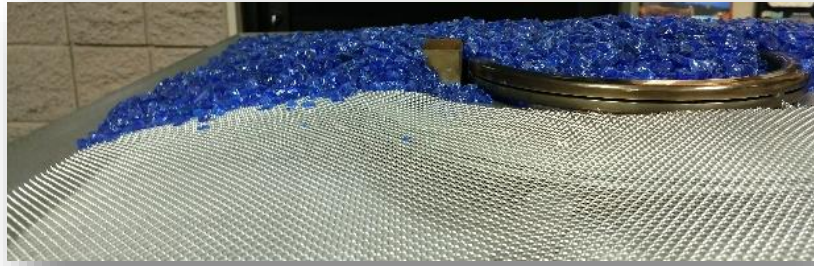
**CAST STONE BOWLS (Mesh Screen without glass)**



**CAST STONE BOWLS (Mesh screen without glass)**



## CAST STONE BOWLS (Mesh screen with fire glass)



## DECORATIVE FIRE GLASS MEDIA

- The open top pilot box must be kept clear of glass and debris. If media falls into the pilot box it can obstruct the pilot flame and sensor inhibiting the burner from igniting.
- Cover the pilot box and carefully place the fire glass over the burner, screen and support plate using hands with gloves or a scoop.
- Only fill each bowl with enough glass to come up level with the top of the pilot box with only a thin layer over the burner ring. Too much media over the burner can cause the burner not to function properly.



## OTHER DECORATIVE FIRE GLASS, POROUS & SMALL SIZED MEDIA

Smaller sized decorative media and highly porous media can trap water and moisture from humid environments and rain. As a result, steam from the moisture can cause the burner assembly to cycle on and off until all the moisture has dissipated. Excessive weather conditions such as rain, wind, snow and dust may affect operation. Wait for weather conditions to clear. Clear debris and resolve moisture before attempting to operate the unit again.