

PROPER VENTILATION & BURNING MEDIA GUIDE



-WARNING-

IF THE INFORMATION IN THIS GUIDE IS NOT FOLLOWED PROPERLY, A FIRE OR EXPLOSION MAY RESULT, CAUSING PROPERTY DAMAGE, PERSONAL INJURY, OR LOSS OF LIFE.

COVERING THE BURN AREA

PROPER VENTILATION & BURNING MEDIA

WHAT TO DO

WHAT NOT TO DO



-WARNING-

COVERING THE PILOT IGNITER WILL TRAP GAS, BLOCKING PROPER AIRFLOW TO THE PILOT IGNITER.

-WARNING-

DO NOT USE FIRE GLASS WITH PROPANE GAS FIRE FEATURES

DANGER - FIRE OR EXPLOSION HAZARD

If you smell gas:

- > Shut off gas to appliance.
- > Extinguish any open flame.
- > If odor continues, leave the area immediately.
- > After leaving the area, call your gas supplier or Fire department.
- > Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

PROPER VENTING

Certain Fire Pit enclosures may require extra ventilation depending on size, material, or extended use.

This is especially important for propane units, as propane gas is heavier than air and can pool in the bottom of an enclosure.

1 Square Inch of ventilation is REQUIRED for every 25,000 BTUs.

ACCEPTABLE MEDIA

Lava rock no smaller than 1/2" average diameter.

1/2" to 3/4" Fire glass **specifically designed and approved** for fire features.

Stones of man made materials (refractory) designed for fire pits.

DO NOT USE SAND, DO NOT FILL HOLLOW AREAS.

Media used in the fire feature enhances the look of the flame and improves the fire pit performance. As gas is emitted from the burner, the media helps mix air with fuel resulting in a more uniform flame and a cleaner burn. The media will also help spread the flame across all areas of the burner resulting in faster and more even ignition.

The media covering the burner should never exceed 2". If using fire glass, we recommend you use 1/2" diameter minimum and only cover the burner 1/2" to 3/4". With all media, the pilot burner **MUST** be left open to the air for proper ignition. When the media is placed correctly, you should see the top of the pilot burner shield. If ignition is delayed or inconsistent, you may need to remove some media from the pilot burner area. When using propane gas it is important to check for back pressure created by excessive use of media that could result in gas being forced back through the air mixer.

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VENT SIZING

Vent Sizing should be 1 SQ. Inch of Ventilation per 25,000 BTUs.

Venting and drainage are critical for long term performance of fire features and installers should lean on the side of excessive venting and drainage while trying to maintain aesthetics.

-WARNING-

Do not use any fire brick, filler, sand, or concrete within the interior hollow space of a masonry fire pit. This will void the warranty!

DO NOT COVER PILOTS WITH SAND! USE ONLY FIRE-RATED MEDIA

-WARNING-

- > Venting is required to dissipate heat and any residual fuel. Failure to provide proper ventilation could result in overheating and or explosion.
- > Do not use any other material as media in the fire feature other than those listed below.
- > Do NOT use this appliance if any part has been under water.
- > Immediately call a qualified service technician to inspect
- > the appliance and to replace any part of the control system and any gas control which has been under water
- > Placement of media (glass, lava, stone, etc.) **MUST NOT** cover the pilot assembly.
- > **DO NOT USE SAND!**

Note: The information in this document applies to all of our products that use burning media.

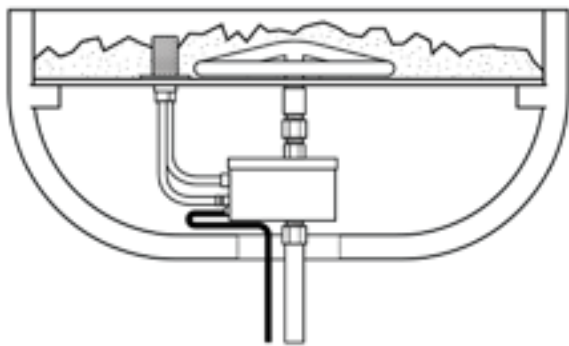
INSTALLATION & VENTILATION DIAGRAM

PROPER VENTILATION & BURNING MEDIA



Correct installation

- > ONLY FIRE-RATED MEDIA
- > PAN TO HOLD MEDIA
- > PROPER VENTING & CAVITY



Wrong installation

- > NO PAN TO HOLD MEDIA
- > IMPROPER VENTING
- > COVERS PILOT IGNITER

