

Fire Pit Rings – (6", 12", 18", 24", 36", 48")

(AFG-INST-007_REVB_04/18)



In order to get just-the-right effect from your fire glass and flame display, you need to make sure that your flames are realistic and distributed evenly. In order to achieve this, you need a high-quality Fire Pit Ring burner.

Our Fire Pit Rings fit on top of your fire pit burner pan. All Fire Pit Rings are made of high grade 304 stainless steel which ensures their durability under extreme heat and severe weather conditions. The crossbar design provides for better flame distribution. The holes in the rings are drilled, not punched, which prevents any loud whistling noises. The Fire Pit Ring burner works best under 2 - 4 inches of fire glass.

Our Fire Pit Rings are available in several sizes and you should choose the size that is at least 6 inches smaller than the internal dimensions of your fire pit. Installation is easy!

These instructions apply to American Fire Glass™ items:

Item No.	Description	BTU (Max)
SS-FR-6	6" SINGLE STAINLESS STEEL FIRE RING	88,000 BTU MAX
SS-FR-12	12" DOUBLE STAINLESS STEEL FIRE RING	92,000 BTU MAX
SS-FR-18	18" DOUBLE STAINLESS STEEL FIRE RING	147,000 BTU MAX
SS-FR-24	24" DOUBLE STAINLESS STEEL FIRE RING	296,000 BTU MAX
SS-FR-30	30" TRIPLE STAINLESS STEEL FIRE RING	443,000 BTU MAX
SS-FR-36	36" TRIPLE STAINLESS STEEL FIRE RING	443,000 BTU MAX
SS-FR-48	48" TRIPLE STAINLESS STEEL FIRE RING	593,000 BTU MAX

CAUTION – DO NOT DISCARD THIS INSTRUCTION MANUAL

- Important Operating and Maintenance Instructions included.
- Read, understand, and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.
- Ensure proper drainage in fire feature to allow water to drain.

Installation must comply with local codes, or, in the absence of local codes, must be compliant with the National Fuel Gas Code – ANSI Z223.1.

WARNING: If the information in these instructions is not followed exactly, a fire may result causing property damage, personal injury, or death.

- Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the Fire Department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

WARNING: FOR OUTDOOR USE ONLY

For use with NATURAL or PROPANE GAS only.

NOT TO BE USED WITH SOLID FUELS

WARNING: NEVER leave an operating fire feature unattended. Adult supervision required.

Inspect the Appliance and Components

WARNING

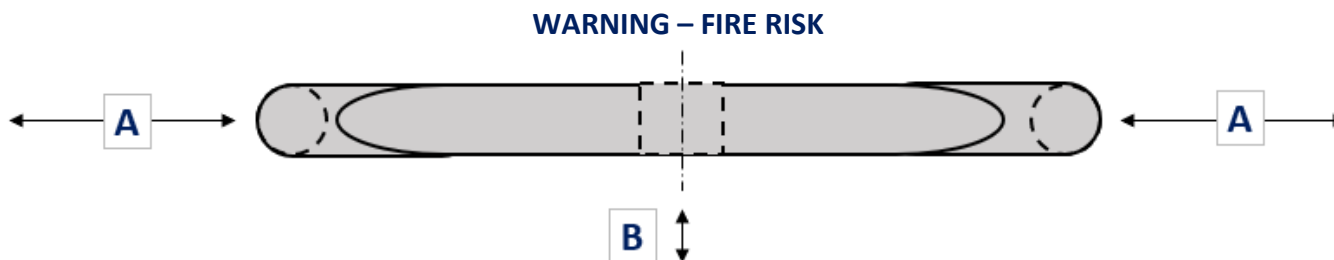
- Do NOT install damaged components**
- Do NOT install incomplete components**
- Do NOT install substitute components**

WARNING

Never operate an open flame fire feature under any type of structural overhang or cover.

Clearances

Below is a general fire feature non-structure clearance guideline. Be sure to check for fire feature clearance guidelines, codes, or ordinances specifically for your area/region.



A - 36" Minimum Clearance to Combustibles

B - 12" From Non-Combustibles

ASSEMBLY

Each Fire Pit Ring includes a center hub screw cap with wrench for installation. This screw cap provides the option to install the Fire Pit Ring with the gas exit holes facing up or down depending on the fuel type, region, and the type of fire feature the Fire Pit Ring is being used with. Install the screw cap into the center hub opposite of the gas inlet.

Before installing Fire Pit Ring to gas fitting or screw cap, be sure gas tape or pipe dope is applied to threads to assure no gas leaks with the Fire Pit Ring installation.

Be certain to install at least two vents (on opposite sides) with a minimum of 18 square inches of ventilation per side.

WARNING

NEVER operate a Fire Pit Ring without the screw cap installed in the center hub.

GAS INFORMATION

Fuel – Before making gas connections ensure the appliance being installed is compatible with the available gas type.

Gas Pressure – Proper Input Pressures are required for optimum appliance performance. Gas line sizing requirements need to be made following NFPA51.

Gas Connection – Have the gas supply line installed in accordance with local building codes, if any. If not, follow ANSI (Z)223.1. Installation should be done by a qualified installer approved and/or licensed as required by the locality.

WARNING: It is the installer's responsibility to ensure a safe installation and to educate the end user as to proper operation. **Leave this manual with the end user.**

WARNING: It is the responsibility of the installer to follow ALL LOCAL CODES concerning the installation and operation of the fire pit. In absence of local codes, please follow:

- Fixing piping system: The National Fuel Gas Code, ANSI Z223.1/NFPA 54 or International Fuel Gas Code.
- Electrical ground: The National Electrical Code, ANSI/NFPA 70.

Start-up – A small amount of air will be in the gas supply lines. When first lighting the appliance it will take a short time for air to purge from lines. Subsequent lighting of the appliance will not require such purging.

WARNING

Check for gas leaks after installation is complete.

- Check all fittings and connections
- Do not use open flame to check for leaks
- Check for leaks with a commercially available, non-corrosive leak check solution.

Fire Ring Media Coverage:

Fire Rings must be covered with 2” minimum of small to medium sized lava rock or approved American Fire Glass™. See exceptions/considerations for LP gas installations. Failure to properly cover the fire ring will damage the fire ring causing potentially dangerous excessive gas leak issues and void all warranties.

Propane Gas Installation Considerations

Due to the fact Propane Gas is different from natural gas there are some slight differences in the installation procedures. These differences are listed here:

1. **Installation of an Air Mixer.** Propane is a much more volatile fuel when compared to natural gas. For this reason, an Air Mixer is installed in the inlet of the burner element to lean out the gas, which minimizes propane soot as well.
2. **Draining/Venting of the bottom of the Fire Feature.** Unlike natural gas, propane gas is heavier than air. Because it is heavier than air, any “unburned” propane gas will go to the bottom of the fire appliance. Without proper drainage/venting at the bottom of the fire feature propane gas will collect in the bottom of the fire feature and WILL cause a very hazardous situation. For this reason, venting at the bottom of the fire appliance MUST be installed to allow any unburned propane gas to escape from the bottom of the fire appliance thereby eliminating the hazard. Be sure to install two vents on opposing sides, each with a minimum of 18 square inches of ventilation per side.
3. **Fire glass media on top of the Fire Pit Ring.** It is recommended to use not more than a 2” thick layer of media ON TOP of the Burner Element in a propane gas fire feature. The less media there is on top of the burner element, the less obstructions there are, which could prevent propane gas from being ignited at the top of the fire feature. By reducing the depth of the media, you have reduced the chance of unburned propane gas from going to the bottom of the fire feature.

WARNING

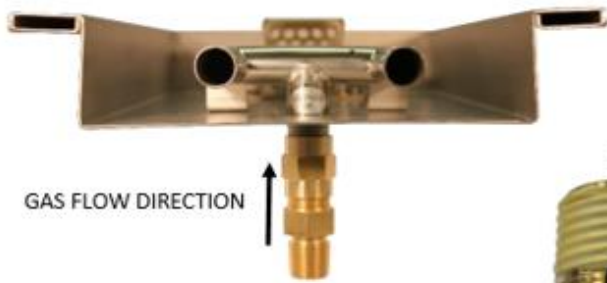
**Fire Risk / Burn Risk / HOT! DO NOT TOUCH
SEVERE BURNS MAY RESULT – CLOTHING IGNITION MAY RESULT**

- Keep children away.
- CAREFULLY SUPERVISE children in the same area as the appliance.
- Alert children and adults to the hazards of high temperatures.
- Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance.

WARNING

The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burners, and circulating air passageways of the appliance be kept clean.

PAN INSTALLATION



* 1/2" MALE NIPPLE (A) NOT REQUIRED*

A.) 1/2" MALE NIPPLE
113RB-D
PIPE SEALANT REQUIRED IF NIPPLE
USED

B.) AFG-COUPLING 99-8
1/2" FRT X 1/2" FRT
MUST BE INSTALLED FOR
PROPER OPERATION

C.) 1/2" AIR MIXER
AM8-06

D.) PIPE SEALANT/LEAK DETECTOR

RING INSTALLATION



** 1/2" MALE NIPPLE (A) REQUIRED**

SEALANT APPLIED TO
AREAS MARKED 'D'

HOLES ON THE AIR MIXER NEED TO FACE
AWAY FROM BURNER AND MOUNTED
VERTICALLY ONLY.

RECOMMENDED FOR SMALL PORTABLE FUEL APPLICATIONS (20LBS BBQ TYPE TANKS) USE ONE OF THE BELOW HOSE KITS.



AFG-FPLP



AFG-FPIK-P

CAUTION

It is NOT recommended for outdoor fire appliances to be operated when wind exceeds 25 mph.

Prior to turning appliance on, visually inspect to ensure debris such as leaves, or other combustible material has not collected inside the feature, as it could burn and emit embers when the appliance is turned on. Also, ensure any person standing close to the fire feature is aware you will be igniting the appliance on prior to turning it on.

American Fire Glass, Inc.
570 Third Street, Lake Elsinore, CA 92530
www.americanfireglass.com
1-888-264-1017
AFG-INST-007_REV04/18

LIMITED LIFETIME CONSUMER PRODUCT WARRANTY

The following warranty has been drafted to comply with the MAGNUSON-MOS-WARRANTY ACT applicable to products manufactured after July 4, 1975. It replaces and supersedes any warranty in this package or in any printed literature.

LIMITED WARRANTY

AMERICAN FIRE GLASS, 570 THIRD STREET, LAKE ELSINORE, CA U.S.A., warrants all American Fire Glass products and accessories against defects in materials and workmanship, and suitable for a particular purpose, for a period of:

1. TEMPERED GLASS – All glass is guaranteed against burnout in the original installation for the lifetime of the initial purchaser.
2. BURNERS/PANS – 5 years from date of purchase.
3. FITTINGS – 5 years from date of purchase.
4. IGNITION SYSTEM and PARTS – 1 year from date of purchase.
5. LITE STONES – 2 years from date of purchase.

THIS WARRANTY IS FOR THE BENEFIT OF THE ORIGINAL PURCHASER.

WARRANTY ADJUSTMENT:

1. AMERICAN FIRE GLASS agrees to repair or furnish a replacement for, but not remove or install any product or component, which proves defective, within the above warranty and appropriate time periods stated
2. BUYER shall notify AMERICAN FIRE GLASS of any defect within this warranty no later than thirty (30) days after a defect is discovered.
3. No product will be accepted for return or replacement without authorization by AMERICAN FIRE GLASS. Before returning merchandise, contact AMERICAN FIRE GLASS giving full details of the complaint, a copy of sales receipt, invoice or other evidence of purchase date, and an image of the item installed. Merchandise returned without proof of purchase date will be serviced out of warranty at our prevailing service and part rates. If merchandise was damaged in transit, file claim immediately with the carrier, and contact AMERICAN FIRE GLASS. Product returned must be addressed as follows:

AMERICAN FIRE GLASS

570 THIRD STREET

LAKE ELSINORE, CA 92530

Shipping charges must be pre-paid by buyer.

REPAIR OR REPLACEMENT UNDER THIS WARRANTY WILL BE SHIPPED AT NO CHARGE TO THE CUSTOMER.

EXCLUSIONS FROM WARRANTY:

1. The foregoing warranty is limited solely as set forth herein and applies only for the periods designated above.
2. AMERICAN FIRE GLASS shall not be liable for any loss, damage, incidental or consequential damages of any kind, whether based upon warranty, contract, or negligence, arising in connection with the sale, use, or report of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
3. The maximum liability of AMERICAN FIRE GLASS in connection with this limited warranty shall not in any case exceed the contract price paid for the product claimed to be defective or unsuitable.
4. This warranty does not extend to any product provided by AMERICAN FIRE GLASS which has been subjected to misuse, neglect, accident, improper installation, or use in violation of instructions furnished by AMERICAN FIRE GLASS.
5. This warranty does not extend to or apply to any unit which has been repaired or altered at any place other than an AMERICAN FIRE GLASS factory, or by persons not expressly approved by AMERICAN FIRE GLASS.
6. Components manufactured by any supplier other than AMERICAN FIRE GLASS shall bear only that warranty made by the manufacturer of that product.
7. Freight damage and color changes occurring from cause beyond manufacturer's control and are not covered by any warranty.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. AMERICAN FIRE GLASS shall be held harmless from any and all claims by the buyer as a result of injury or damage to an ultimate user or other person caused by the product sold herein by the seller to the buyer, whether the injury or damage results from the assembly, installation, operation, shipment, storage or manufacture of this product. AMERICAN FIRE GLASS makes no warranties, expressed or implied, other than those expressly stated herein.