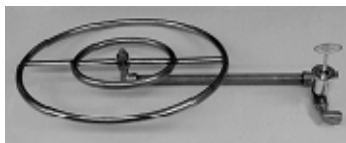


FP Series Installation Instructions

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the NFI (National Fireplace Institute) or in Canada by WETT (Wood Energy Technical Training). Installer must follow all instructions carefully to ensure proper performance and safety.



INSTRUCTIONS for ROUND, RECTANGULAR, and SQUARE BURNER KITS



(Example of Round Burner Kit)

Installer: Please leave these instructions with the consumer.

Consumer: Please retain these instructions for future use.

Gas supply must be appropriate for the pipe size and delivery pressure for the appliance.

WARNING: If the information in this manual is not followed, an explosion or fire could result causing property damage, personal injury, or loss of life.

What to do if you smell gas:

- Do not use any electrical switch; do not use any phone in your building or cellular phone in area.
- Do not try to light the appliance.
- Immediately call your gas supplier from a neighbors phone and follow gas suppliers instructions.
- If you can't reach the gas supplier, call the fire department.

Do not store or use any gasoline or other flammable vapors or liquids in the vicinity of this fire pit.

MAXIMUM BTU INPUT

The maximum Btu input of any of our rings is determined by the hub size- all rings except the 48" have a 1/2" hub; the 48" fire ring has the 3/4" hub. Here are the maximum Btu ratings for each:

	<u>Natural Gas (1/4 PSI or 4" W/C)</u>	<u>LP Gas (1/2 PSI or 14" W/C)</u>
1/2" Hub (6" ~ 36" Ring)	650,000 Btu	1,690,000 Btu
3/4" Hub (48" Ring)	1,150,000 Btu	2,999,000 Btu

In all reality, it is practically impossible to reach these maximums. The capacity will be reduced by **several factors in the fuel supply system** such as: Capacity of incoming system to meter, capacity of valve, line pressure, size of pipe, length of run, number of turns, LP orifice / air mixer, and altitude.

It is always best to consult your plumber to ensure you have adequate supply.

ASSEMBLY OF FIRE PIT KIT

Using pipe dope or tape, assemble parts (1) through (6). The piping part of this assembly should be buried in whatever solid material you are using to support the Burner. The valve must be left exposed to connect the gas supply to and allow on/off control of the gas flow.

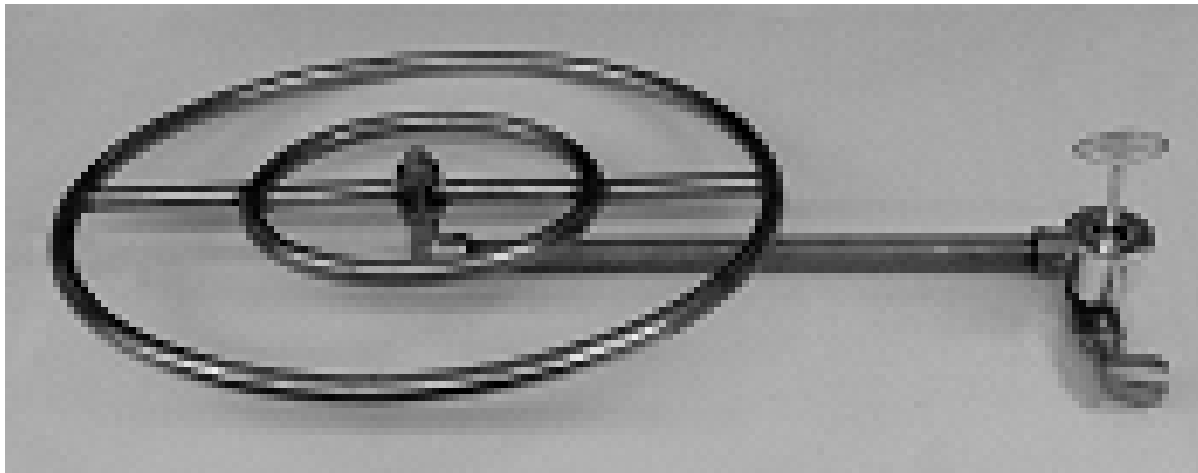
BEFORE USE BE SURE TO TEST ALL CONNECTIONS FOR LEAKS.

Step 1) Use a gas sniffer instrument or apply soapy water (or use a leak reactant) abundantly on each connection.

Step 2) Turn gas on. Inspect each connection for bubbles. The presence of bubbles in soapy water indicates a leak that must be fixed before operating the fire ring.

Step 3) If a leak is detected in Step 2, turn gas off. Tighten fittings and retest. It may be necessary to re-do a connection, re-apply pipe dope or tape and re-connect tightly. Then repeat the testing described in Steps 1 & 2.

DO NOT OPERATE BURNER UNTIL ALL LEAKS HAVE BEEN REPAIRED.



Parts List:*

- 1 Burner (Picture shows example of Round Burner Kit)
- 2 Street Elbow
- 3 Nipple
- 4 Street Elbow
- 5 Manual Valve
- 6 Street Elbow
- 7 Lava Rock

*Prices and specifications are subject to change without notice. Quantity of lava rock may vary according to the size of fire pit kit ordered.

PREPARATION OF PIT FOR INSTALLATION

1) **TO ASSURE STABILITY, PREVENT LEAKS AND ASSURE PROPER IGNITION THE FOLLOWING INSTRUCTIONS MUST BE FOLLOWED.**

For LP installations, the Burner must rest on a solid surface such as:

- A) Our optional flat, stainless steel, burner pan
- B) Concrete
- C) Soil
- D) Sand
- E) Sheet Metal

For Natural Gas installations, any of the above may be used in addition to other materials such as lava rock, stones, gravel, brick or concrete block.

- 2) The Burner should be enclosed around the circumference with a non combustible material.
- 3) The Burner should be down about 4" from the top of the enclosure but no more than 8".
- 4) The Burner is designed so the holes can be either on the top or bottom. Since LP (propane) is heavier than air and tends to sink it is more difficult to light from above. It is strongly recommended that in LP installations the holes are left facing up. For natural gas installations either up or down is acceptable.
- 5) Fill area around the edge of the ring starting at a depth of about 3" and building up to as much as 6" in the middle, with the lava rock provided with your kit. You might also want to use one of our log sets to further enhance the appearance. Our logs sets come in Campfire or Woodland style and are especially made for outdoor use.

OPERATING INSTRUCTIONS

- 1) Light a long match.
- 2) Turn gas on and simultaneously apply match as close to Burner as you can.
- 3) On LP kits, adjust air mixer/orifice to obtain a good yellow flame but reduce the amount of soot being produced. Look at very top of flame while turning nut to increase or reduce air being taken in hole under nut. This will change flame characteristic.

**THIS BURNER IS DESIGNED FOR OUTDOOR USE
OR IN A WELL VENTILATED PLACE.**

When not in use you may want to use one of our black vinyl covers that are made especially for that application.

Available Log Sets, Fire pit Pan and Fire pit Cover

Fire Pit Covers- 35", 45", & 53"

13", 17", 25", & 36" Log Sets Available



Fire Pit Pan and Burner: Pans available in Round (pictured), Rectangular, and Square.