

















## **G. ENCLOSURES FOR LP GAS SUPPLY SYSTEMS**

For building an enclosure for LP gas cylinder, follow these recommended specifications and you must follow local codes.

A. Enclosures for LP gas supply cylinders must be ventilated by openings at the level of the cylinder valve and at floor level. The effectiveness of the opening(s) for purposes of ventilation must be determined with the LP gas supply cylinder(s) in place. This must be accomplished by one of the following:

- 1) One side of the enclosure must be completely open
- 2) For an enclosure having four sides. A top and bottom:
  - a. At least two ventilation openings at cylinder valve level shall be provided in the side wall, equally sized, spaced at 180° (3.2 sq. cm/kg) of stored fuel capacity and not less than a total free area of 10 square inches (64.5 sq. cm).
  - b. Ventilation opening(s) must be provided at floor level and shall have a total free area of not less than ½ square inches (3.2 sq. cm/kg) of stored fuel capacity and not less than a total of 10 square inches (64.5 sq. cm). If ventilation openings at floor level are in a side wall, there must be at least two openings. The bottom of the openings must be at floor level and the upper edge can't be more than 5" (127 mm) above the floor. The openings must be equally sized, spaced at 180° (3.14 rad) and unobstructed.
  - c. Every opening must have minimum dimensions to permit the entrance of a 1/8" (3.2 mm) diameter rod.
- 3) Cylinder valves must be readily accessible for hand operation. A door on the enclosure to gain access to the cylinder valves is acceptable, provided it is not-locking and can be opened without the use of tools.
- 4) There must be a minimum clearance of 2" (50.8 mm) between the lower surface of the floor of the LP gas supply cylinder enclosure and the ground.
- 5) The design of the enclosure must be such that:
  - d. The LP gas supply cylinder(s) can be connected disconnected and the connections inspected and tested outside the cylinder enclosure.
  - e. Those connections which could be disturbed when installing the cylinder(s) in the enclosure can be leak tested inside the enclosure.
  - f. Be certain to mount or set the LP gas cylinder on a flat stable surface and retain it to prevent it from tipping.

B. Purge the gas supply line of any trapped air prior to the first firing of the Fire Ring.





## H. OPERATING INSTRUCTIONS

Inspect the Fire Ring before use. If there is any evidence of damage, it must be replaced before operating.

After completing the gas line installation, there will be ambient air in the Fire Ring and new installed gas line. When first lighting the Fire Ring, it will take a few minutes to purge out all the trapped air. Subsequent lighting of the Fire Ring will not require such purging.

**Note: Never allow the ON/OFF valve to remain in the open position without placing a burning match on top of the Fire Ring gas outlet holes First!**

### For Your Safety, Read Before Lighting

#### Warning!


If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury and /or loss of life.

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| <p>A. Light fire rings only by hand. When lighting Fire Rings, these instructions must be followed exactly.</p> <p>B. <b>Before lighting</b> – smell all around the fire ring for gas leakage. Be sure to smell the base of the fire ring pit, because some gas is heavier than air and will settle to the bottom.</p> | <p>C. Use only your hand to turn the gas control knob or valve. Never use tools. If the valve will not turn by hand, don't try to repair it, call a qualified service technician. Forced or attempted repair may result in a fire or explosion.</p> <p>D. Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance, and to replace any part which has been under water.</p> |
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#### 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 from a neighbor's phone. Follow the gas supplier's instructions.
- ✓ If you cannot reach your gas supplier, call the fire department.

### LIGHTING INSTRUCTIONS

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| <p>1. Stop! Read safety information above.</p> <p>2. Place a burning match on top of the Fire Ring (gas exit holes). <b>DO NOT HOLD MATCH WITH YOUR HAND!</b> For natural gas, turn on the ON/OFF gas valve approximately ¼ on position, for LP gas; turn on the LP tank counterclockwise  all the way, and then turn on the ON/OFF valve slowly at the Fire Ring.</p> | <p>3. If the Fire Ring does not light before the match goes out, immediately turn the gas valve to "OFF".</p> <p>4. Wait at least five minutes to clear out any gas. Then smell for gas, including base of the Fire Ring. If you smell gas, <b>STOP!</b> Follow the safety information above. If no gas is present, then repeat step 2.</p> |
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### TO TURN OFF GAS TO FIRE RING

Turn the ON/OFF valve to the "OFF" position at the Fire Ring for natural gas. For LP gas hook-ups turn the ON/OFF valve to the "OFF" position at the Fire Ring and then turn the valve on the LP tank  to the "OFF" position.



**I. Recommended Materials**

- a. Outdoor barbeque lava rocks
- b. UL tested Ceramic fiber fireplace logs
- c. Fire retardant Vermiculite

River rock is prohibited, and not to be use with Dagan Fire Rings. River rocks when exposed to high temperatures may build up internal gases and explode, causing personal injury.

Beach sand not recommended outdoor Fire Rings. Beach sand (silicon) will retain moisture and promote rust/contamination of carbon steel fire rings.

**DAGAN, LLC**  
**OUTDOOR FIRE RINGS LIMITED ONE YEAR WARRANTY**

Dagan, LLC Fire Ring(s) product is thoroughly inspected before leaving the factory. It is warranted to be free of defects in workmanship and materials under normal use for one (1) year from date of original purchase. Should any trouble develop during the one year period, you must call the factory, which will at that time determine if you should send back the items for inspection (do not return any merchandise without a R.G.A. Number). If inspection reveals a factory defect, then at our option we will repair or replace at no charge and Dagan, LLC will pay for freight charges. This warranty is subject to the conditions, exclusions and limitations described below.

This warranty applies only to the original owner of the Product and is non-transferable. Dagan Industries, Inc., obligation under this warranty does not extend to damages resulting from (1) assembly, operation or maintenance of the Product not in accordance with the Installation/Assembly instructions, Operating instructions; (2) Installation or use which does not comply with local building codes and ordinances; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unauthorized repairs; (4) use of fuels other than those specified in the Operating Instructions; (5) installation or use of components not supplied with the Product or any other components not expressly authorized and approved in writing by Dagan, LLC Any of the circumstances described in the previous sentence voids this warranty. This warranty is void if the Product or any component has been removed, repaired or replaced before Dagan Industries, Inc. has been afforded a reasonable opportunity to inspect the Product.

This warranty is limited to the replacement or repair of defective components or workmanship and Dagan, LLC, may fully discharge its obligation under this warranty by repairing or replacing, at its discretion, the defective components. Dagan, LLC, will provide replacement parts at no charge and will pay reasonable and necessary labor and freight cost related to replacing or repairing defective components under this warranty. The maximum amount recoverable under this warranty is limited to the purchase price of the Product and, if Dagan, LLC is unable to provide replacement or repair in an expedient and cost-effective manner, Dagan, LLC may discharge all obligations under this warranty by refunding the purchase price of the Product.

EXCEPT TO THE EXTENT PROVIDED BY LAW, DAGAN, LLC MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THE WARRANTY SPECIFIED ABOVE. IN NO EVENT SHALL DAGAN, LLC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY DEFECTS IN THE PRODUCT.

To obtain service under this warranty, you must:

1. Send written notice of the claimed condition to: Dagan, LLC 13200 Corporate Exchange Drive, St. Louis, MO 63044
2. Affirm, you are the original purchaser of the Product.
3. Provide Dagan Industries, Inc, the opportunity to investigate the claim.
4. Obtain, Dagan Industries, Inc. consent to any warranty work before the work is done.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. 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. Some states do not allow limitation on how long an implied warranty may last. So the above limitations may not apply to you.