# Hudson Stone™ Gas Fire Pit Kit

## Installation Instructions

Refer to The Outdoor GreatRoom Company user manual for DIY-38 installation and gas connection instructions.

The Outdoor GreatRoom Company DIY-38 Crystal Fire™ box contains: 4 piece burner support & hardware, electronic ignition, gas burner, metal flex hose, NG orifice, control panel with knob & mounting bracket, grounding wire with extension, user manual.

**Materials List**

- 1 Crystal Fire™ box
- 1 Vent
- 1 Control panel
- 59 Hudson Stone™ block units
- Lava Rock

**Installation Tools Needed for Surround**

- Exterior-grade concrete adhesive
- Caulk gun
- Level
- Mallet

Control panel side shown

| Overall Dimensions | Lower 3 Rows | Top Row |
|---|---|---|
| Outer dimension | 50" | 56" |
| Inner dimension | 24" | 32" |
| Height | 18" | 4" |
| Weight | 1,090 lbs.* | |

\* includes 52-lb. pallet

Actual product dimensions and weights may vary from these nominal values.

**Side not shown—vent (Layer 2)**

Keep debris or objects from blocking vent

**Questions? Call The Outdoor GreatRoom Company at 866-303-4028**

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**READ ALL INSTRUCTIONS AND USER MANUAL PRIOR TO ASSEMBLY.** *If considering placement on wood or composite deck confirm weight restrictions.* **If placing in grass see instructions on page 3 before assembly.** *Ensure area is clean and level. Be sure to check city and county codes and home association covenants prior to installation.*

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**1. Layer 1** (15 block units)

Start by placing 15 wall block units on top of base. Lay them tightly together to form the circle. Level each stone front-to-back and side-to-side. Make sure each stone is even with the previously leveled block. Use a rubber mallet to level.

**2. Layer 2** (14 block units)

After the 1st course is set and leveled, start the 2nd course by placing 14 wall block units, center of the top block in alignment with the joint between the blocks below. Insert vent in place of one block anywhere in row 2. Continue this all the way around the circle.

Vent Block

**3. Gluing**

Once the 2nd course is all lined up, carefully remove one block at a time and apply two thick beads of concrete adhesive to the center of the blocks. Reinstall the block and push down firmly. Continue for all remaining blocks on 2nd course—repeat this step for each course.

**4. Layer 3** (14 block units)

After the 2nd layer is finished, install the 3rd by placing 14 wall block units the center of each block in line with the joint of the blocks below. Insert control panel in place of one block (typically the opposite side of the vent). Repeat step 3 for gluing.

Control Panel

**5. Placing the burner unit**

Place burner with shield insert on top of layer 3. Center on blocks with a overhang of roughly ½ inch all around. **Refer to DIY-38 Crystal Fire™ box user manual included in box for gas connection.**

DIY-38 Kit

**6. Layer 4** (16 block units)

After the 3rd layer is finished and gas lines connected, install the 4th layer by placing 16 wall block units center of each block in line with the joint of the blocks below. There will be a 1-inch overhang of this layer. Repeat step 3 for gluing. Plastic and rubber spacer may be needed to offset the metal flange of the burner shield.
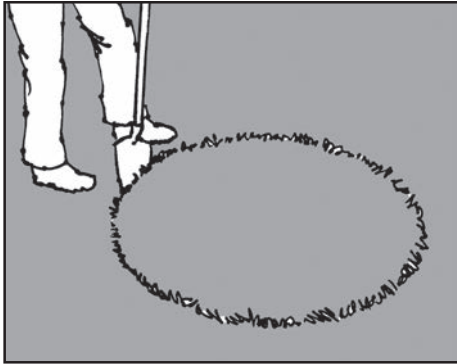
**7. Finishing**

After the adhesive cure time has lapsed, pour lava rock into the fire burner until covered completely, roughly 2-3 inches. Enjoy!
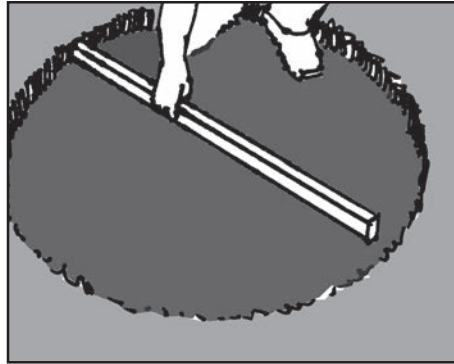
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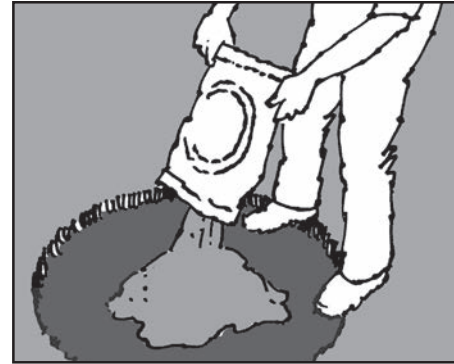OutdoorRooms.com

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## *Instructions for grass area preparation for fire pit installation*

**1.** If putting your fire pit on a lawn, mark a 40-inch diameter circle and remove all sod and roots inside the circle. Dig approximately 2 inches deep. If putting your fire pit on a patio, mark the circle with chalk and skip ahead to step 4.

**2.** Check the level of the soil inside the circle in all directions. Remove soil from the high spots to bring it close to level.

**3.** Add 1.5-2 inches of paver base to your circle and rake it level. Using a tamper, pack the entire area of paver base until firm. Make sure the surface is level before laying blocks. Proceed with assembly.

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