

# *Echoes of Nature*™

## Installation Instructions – Millstone or Stone Pillar Fountains Includes Pump and Plumbing

**Contents:** Millstone or Stone Pillar fountain – pre-plumbed; submersible pump and fountain liner.

**Tools:** Shovel, (4) bricks or stones of relatively equal size, accent materials (pea gravel, indigenous stones, or washed river stone to surround the fountain), wheel barrel (to remove excess soil) and scissors/utility knife to cut the excess liner material.

**Installation Site:** Your fountain can be installed on a patio (in a suitable container) or in-ground.

### 1. Installation site preparation: Dig installation hole. (See Photo A)

(6" to 8" deep by 40" round for the Millstone Fountain)

(6" to 8" deep by 34" round for the Stone Pillar Fountain)

Hint: The depth of the hole should be relatively the same all the way around. Excavated dirt from the hole can be used to "shore up" the low wall of the hole.



A.



B.

### 2. Place liner into the hole.

Note: Remove sharp objects from the hole or cover any sharp objects with newspaper if removal is not an option. Form the liner material into the hole so that it makes contact with both the base and the walls of the hole. The liner circumference should extend 3" to 5" past the edge of the hole. Wrinkles can be folded over. All excess liner material can be cut away with scissors or a utility knife after the accent rocks and the fountain has been placed (see step 8). Try to keep dirt from getting into the installed liner as much as possible. This will help keep the water clear when you turn on your fountain. (See Photo B).

### 3. Attach the pump to the fountain.

Thread the pump clockwise into the ½" fitting on the underside of the fountain.

**4. Raise the fountain.**

Place (4) or more bricks or similar sized rocks on the liner base to support and raise the fountain off of the liner to the desired fountain height. (**See Photo C**).



**C.**

**5. Install and level the fountain.**

Extend the pumps electrical cord out from under the fountain in the least noticeable direction. Use a level as a guide to shim the fountain. This insures water will flow over the edge of the fountain equally in all directions. (**See Photo D**).



**D.**



**E.**

6. Use your choice of washed river stone, pea gravel or indigenous stones to hide the liner and its “collar”. Note: Hosing off the rocks prior to adding water will insure clear water when you plug in your fountain. (**See Photo E**).

7. Fill in the hole with fresh, clean water.

8. Cut excess liner. We recommend a 3” to 5” collar be left.

9. Plug in the pump.

10. Final leveling adjustments can now be made. The hole material (i.e. rocks) will support the fountain in the position you find most appropriate.

11. Enjoy your fountain’s beauty and soothing sound!

**Note:** Check local electrical codes for the approved electrical outlet installation. Some codes require the use of a Ground Fault Interrupter outlet (GFI).

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## **Care and Maintenance – Millstone or Stone Pillar Fountains**

### **Water Maintenance:**

Some people like to keep their fountain water sparkling. We recommend they run the fountain often and use small amounts of liquid chlorine bleach or swimming pool chlorinating products to keep the water “fresh”. Avoid over chlorinating. Birds and other wildlife will be attracted to your beautiful fountain. We don’t want to harm them!

Some people enjoy a more “organic” look. Letting algae form over the fountain is perfectly acceptable. Make sure you keep enough water in the hole to supply the pump with adequate volume.

Should you suspect your pump is clogged, disconnect the electrical cord, place a garden hose over the fountain opening and reverse “flush” the pump. This should dislodge the foreign material from the pump.

### **Fountain Maintenance:**

Although your fountain weighs less than its stone counterpart, it is extremely durable and resistant to attack by the natural elements. Should the surface become marred during installation or usage, surface touch-up kits are available.

Prolonged freezing conditions can cause the pump to “run dry” if the water freezes in the fountain hole. It is recommended to turn the pump off and siphon the fountain hole dry in extremely cold climates. Removal of the fountain is optional but is not mandatory.

### **Pump Maintenance:**

The pump provided with your fountain is highly reliable and very energy efficient. Keeping it under water is your best maintenance tip. The water pumping mechanics of your pump can spin in different directions. If the pump hums when you are sure there is enough water to fully submerge it, disconnect the power and then reconnect it. Your pump will spin in the opposite direction and operate again. Should you suspect a clog, follow the suggestion described above in the Water Maintenance section.

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## Installation Instructions – Millstone or Stone Pillar Fountains

### QUICK GUIDE

(For detailed instructions read the whole manual before installation)

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**Tools:** Shovel, (4) bricks or stones of relatively equal size, accent materials (pea gravel, indigenous stones, or washed river stone to surround the fountain), wheel barrel (to remove excess soil) and scissors/utility knife to cut the excess liner material.

**Installation Site:** Your fountain can be installed on a patio (in a suitable container) or in-ground.

1. Remove contents from the box.
2. Dig installation hole. (6" to 8" deep by 40" round for the Millstone; 6" to 8" deep by 34" round for the Stone Pillar). Hint: depth of hole should be relatively the same all the way around. Excavated dirt from the hole can be used to "shore up" the low wall of the hole.
3. Place liner into the hole.
4. Remove the pump from the box and thread pump onto fountain plumbing.
5. Place (4 or more bricks or similar sized rocks) on the liner to support and raise the fountain off the liner.
6. Level the fountain. Shim with thin stones, stainless steel washers or coins.
7. Use your choice of washed stone, pea gravel, or indigenous rocks to hide the liner "collar".
8. Fill the hole with fresh, clean water.
9. Cut excess liner (scissors or utility knife). A 3" to 5" collar of liner material on the horizontal shelf of the hole is recommended.
10. Plug in the pump.
11. Enjoy the sights and sounds of your handy-work!