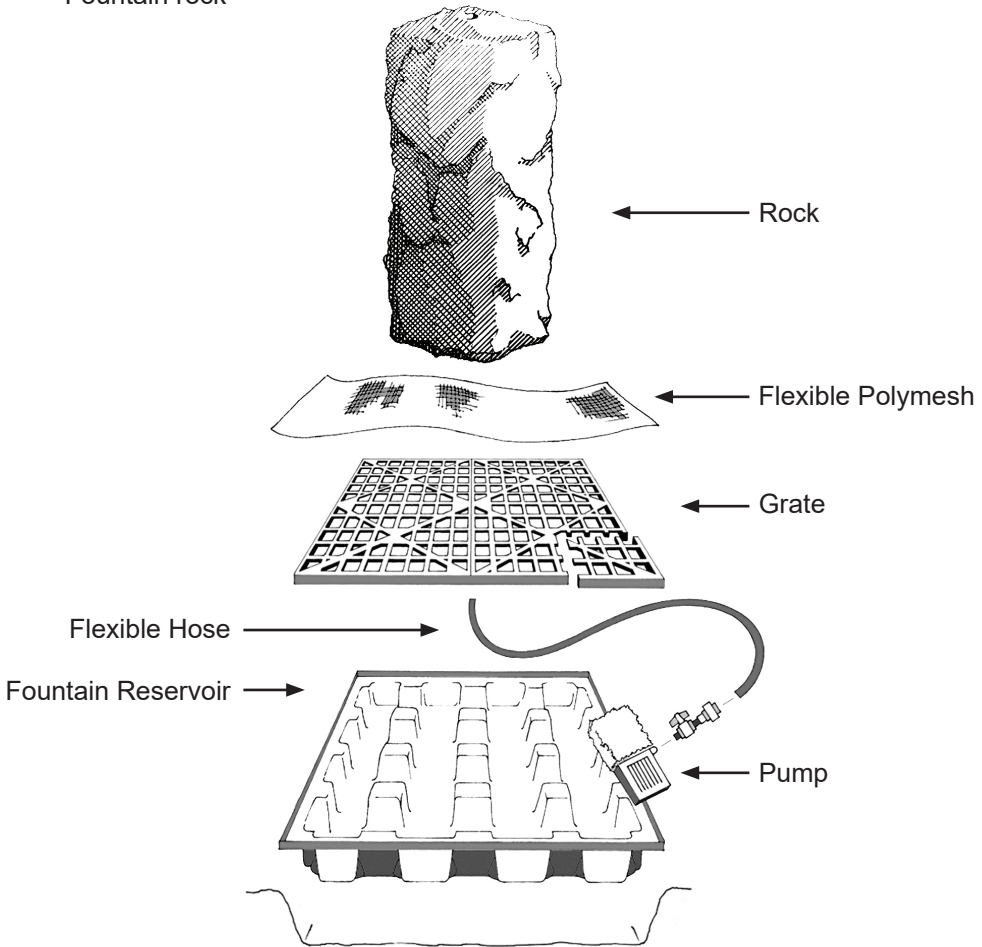


Installation Guide



Parts List

- 4' x 4' - 70 gallon water reservoir with grate and polymesh
- 530gph water pump
- Flexible hose with water control valve
- Fountain rock



Step-By-Step Installation Instructions

Tools necessary for installation:

Shovel, level, and marker paint (optional).

STEP 1 - Choosing your fountain base location

Choose a location for the 4' x 4' pondless reservoir and use the base (or marker paint, if available) to mark the ground.

Note: When choosing a location for your fountain, select an area large enough to accommodate the base AND any possible water overspray. The base should not be put near vegetation or structures not suitable for excessively wet conditions.



STEP 2 - Digging the fountain base hole

Follow the outline and dig a 6" to 7" deep hole. If the soil is soft or unstable, then dig the hole 3" deeper, and back fill with 3" of crushed rock or gravel. This will provide a solid foundation for the fountain base.



STEP 3 - Leveling the fountain base

Insert the fountain base into the hole and use a level to make sure the base is level front-to-back and side-to-side. Use previously removed soil to backfill around the fountain base. Be sure to pack the dirt in as tightly as possible because settling will occur. The corner grate piece is used to access the pump.



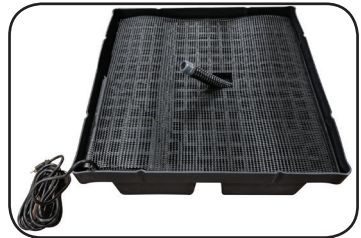
STEP 4 - The valve/water pump

The valve and pump is assembled and should be beneath the corner access hole in the grating. Remove any protective material, pump cord, and any paperwork.



STEP 5 - Polymesh screen

Take the threaded end of the hose and pull it through the grating and screen. The pump cord should be pulled out near the corner access.



STEP 6 - Attaching the rock bubbler

Place the rock on top of the grating, with the pipe over the protruding hose. Tilt the rock on edge and thread the union and hose together on the rock. Stand the fountain upright, keeping the flex-hose from binding where it exits the grate.



STEP 7 - Final Steps

Fill the reservoir with water and turn on the pump by plugging it into a grounded GFCI (Ground Fault Circuit Interrupter) 110 volt electrical outlet.



Step-By-Step Installation Instructions

STEP 8 - Water flow control

Adjust the rate of water flow to your bubbler by turning the ball valve handle on the valve assembly until the desired flow is obtained. The valve is “open” when the colored handle is parallel to the manifold pipe, and is “closed” when the colored handle is perpendicular to the manifold pipe. Your fountain will come with a small insert located in the top which can be adjusted up or down for desired water head height.

STEP 9 - Finishing landscape touches

Your fountain is now ready for the final touches of landscape design. Start by covering your polymesh screen with river rock or other decorative rock products. There are many styles and colors available, and these can be found at any rock yard or major home improvement store. Avoid placing soil or bark on top of the polymesh screen, because it may fall through the screen and into the water inside the reservoir.



Fountain Care

Caring for your Rocks - Tips to keep your bubblers looking great! GFRC (Glass Fiber Reinforced Concrete) bubblers are designed to provide years of enjoyment, with minimal care or maintenance required. Because they are made of concrete, they are very rugged and will withstand the elements without color fade or discoloration common in inferior faux stones.

Cleaning - Dirt spots

GFRC rocks will age in a very similar manner as natural stones. If you need to clean the rocks, a good blast from a garden hose will usually work, although mild soap and a soft-bristle brush can be used as well.

Cleaning - Algae and moss

Over time, moss and algae may develop on your rock, just as it would on natural stone. The time it takes will depend on how often you have your fountain turned on, how much shade or sunlight it gets, and how often fresh water is added to the fountain base. If your rock is accumulating more moss or algae than you desire.

Efflorescence - Causes and cleaning / removal

Any material containing Portland cement (pre-cast stone, GFRC products, etc) has the potential to effloresce. Efflorescence is caused when soluble salts and other water materials come to the surface of concrete and mortar. Most often, efflorescence will be minor, and can manifest itself in a couple of ways - either as a powdery, fluffy substance, which is brushed off with a nylon-bristle scrub brush, or as a crystallized deposit on the rock.

To keep efflorescence to a minimum, run your bubbler non-stop for three to four weeks after first installing the fountain. If efflorescence appears, do not let it dry! While it is wet, scrub the area with the nylon-bristle brush, until the efflorescence is gone. This may need to be repeated until all the salt has been worked out of the rock. The key is to not let any efflorescence dry! If the efflorescence has been allowed to dry and has attached itself to the rock, then an efflorescence remover (such as Techni-Seal), is recommended. Even with that, some staining or efflorescence may remain which is why rocks should not be allowed to dry until any efflorescence has been worked out of the rocks.

Reservoir maintenance

Our fountain kits are designed to require very little maintenance. Because of the "pondless" design, there are no filters to change and very little if any debris should get into your water reservoir. However, periodic attention is suggested to identify any potential issues before they start.

Check and adjust water level periodically, keeping the water level at or near the bottom of the grating and no lower than the water pump outlet. Also, remove any dirt, rock or debris from inside the fountain base that may cause damage to the water pump or flexible hose.

Note: Due to overspray and evaporation, clean water must be added periodically. Failing to do so could cause the water pump to run dry, resulting in a damaged pump. Damage to the pump due to an inadequate water level will void the limited warranty. Periodically inspect the grating and polymesh screen for damage. Replace if necessary.



Winterization of your fountain

In colder climates where temperatures reach 32 degrees Fahrenheit on a regular basis or where temperatures will drop substantially below freezing, even for short periods of time, you should shut your fountain off during the cold months. Remove the pump by disconnecting from the valve / manifold assembly. Store the pump in a bucket of water (to prevent the pump seals from drying out) in a temperature controlled atmosphere (above freezing). Leave the water in the reservoir, do not empty it.

Pump service and maintenance

Periodically inspect and clean the pre-filter. To clean, remove pre-filter from the water pump and rinse using clean water. Replace the pre-filter if it becomes damaged or torn.

The cap over the impeller should occasionally be removed to clean and inspect the impeller assembly. The impeller is the only serviceable item and can be pulled out of the pump body. Do not take the impeller apart. If it is worn or broken, the entire impeller assembly should be replaced. This will restore the pump to its original functionality. Pumps taken out of service for an extended period with fluid inside run the risk of forming a crust, which may prevent subsequent starting. Saltwater should be flushed out with fresh water. Always check the electrical cord for sharp bends, which can cause premature cracking. Do not use the power cord to lift or move the pump.

Electrical precautions

Always use a properly grounded outlet. Do not immerse the pump plug in water. If the plug falls into the water, DO NOT REACH INTO THE WATER TO REMOVE THE PUMP PLUG. TURN OFF THE CIRCUIT FIRST! A "drip loop" should be used. The "drip loop" is a loop in the electrical cord below the level of the receptacle or plug, which prevents water from traveling along the cord. The National Electric Code requires a ground fault circuit interrupter (GFCI) be installed in the branch circuit supplying fountain or pond equipment.

WARNING: NEVER REMOVE THE GROUND PIN FROM THE ELECTRICAL PLUG. FOR YOUR PROTECTION, ALWAYS UNPLUG THE PUMP UNIT FROM ITS POWER SOURCE BEFORE INSTALLING OR SERVICING YOUR FOUNTAIN. SHOULD THE UNIT APPEAR TO NOT BE WORKING PROPERLY, DO NOT REACH FOR, REMOVE OR DISASSEMBLE THE PUMP BEFORE YOU DISCONNECT THE POWER!



WARRANTY

Rock and Pondless Fountain

Thank you for purchasing our product, we hope you enjoy it for years to come. We have a very simple philosophy as to how we treat you, our customer. We want you to be 100% happy with the product and with our service.

This warranty covers the product you purchased from us, for a period of one (1) year as follows. **If you have a warranty question or claim, please do not contact the place of purchase. Please direct all warranty claims to us. This will expedite the resolution of your claim.**

What this warranty covers

- Returns: You may return your product for a refund at anytime within one (1) year of purchase as long as the product has not been installed or used.
- Manufacturer defects: If your product has been installed and/or used, We will replace or repair it, at our option, the defective item(s).
- Water pump: The water pump is covered under this warranty for a total period of three (3) years.

What this warranty does not cover

- Removal and/or disposal costs of defective or non-defective product.
- Freight and/or shipping costs to return defective or non-defective product to place of purchase.

Additional information for returns

- Please call, write, or email us, to obtain an RMA (Return Materials Authorization) number. You must have this number when returning or replacing product originating from us.
- Please include a copy of your original receipt.