

Installation Guide for the 4x4



LiquidArt
PONDLESS FOUNTAINS



Warranty Card and Customer Survey inside (for free Extended Warranty!)

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401 S. Redwood St., Canby, OR 97013

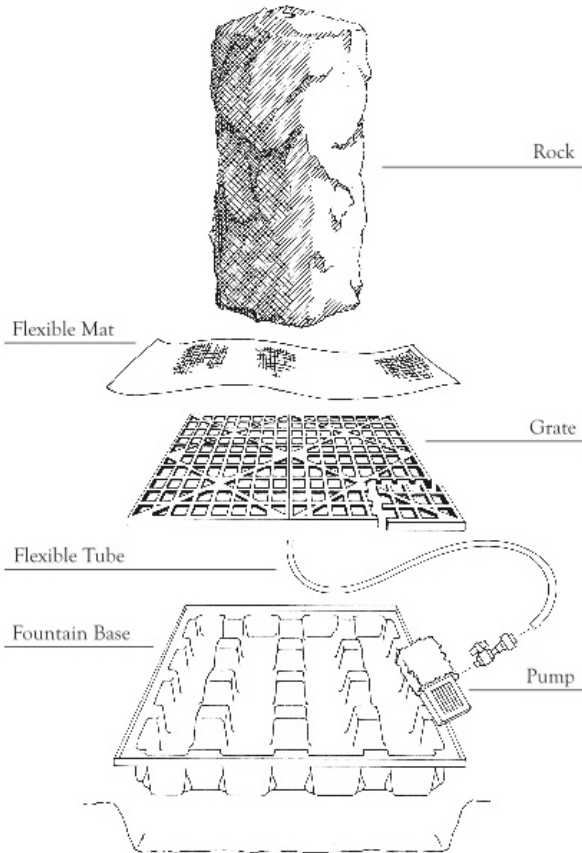
Phone: (800) 974-9586 • Fax: (503) 263-7699

www.liquidartfountains.com



Parts List

- 4' x 4' 70 gallon single, double or triple fountain reservoir
- 700 gph, 950 gph, or 2100 gph water pump
- Water flow control valve
- Flexible hose(s) with appropriate fittings
- Fountain rock(s) or pottery



Step-By-Step Installation Instructions

TOOLS NECESSARY FOR INSTALLATION:

Shovel, level, box knife or scissors and marker paint (optional).

STEP 1 – CHOOSING YOUR FOUNTAIN BASE LOCATION

Choose a location for the 4'x4' 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

Remove the fountain base from the marked area and dig a 10-inch deep hole, using the marked ground as a guideline for the outer edges.

Note: If you have soft soil, you may need to dig the hole an extra three inches deep, and back-fill with three inches of crushed rock or gravel. This will provide a solid foundation for the fountain base. Always make sure the base is evenly supported to avoid flexing of the base when water is added.



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.



STEP 4 – PUMP/MANIFOLD CONNECTION

Thread the manifold/valve assembly onto the threaded pump **outlet**. Turn until hand-tight (**do not over-tighten**). Then hand-press the pre-filter onto the water pump **inlet**.



Single Fountain (LA5000)



Double Fountain (LA6000)



Triple Fountain (LA7000)

STEP 5 – POLYMESH SCREEN

Pull the threaded ends of the hoses through the grating at the location desired for placement of the rocks. Lay down the mesh screen on top of the grate, and cut small holes to allow the hoses to be pulled through the screen. Trim the screen between the edge of the grate and the inside edge of the reservoir, so that no part of the screen is hanging over the edge of the reservoir. (This is to keep water from “riding” the screen, and dripping outside the edge of the reservoir.)



STEP 6 – ATTACHING THE ROCK BUBBLERS

Place the rocks on top of the grating, with the pipe over the protruding hoses. Tilt the rocks on edge and thread the union and hose together on each rock.



Step-By-Step Installation Instructions

STEP 7 – WATER FLOW CONTROL

Your rock or pottery fountain will come with a small insert located in the top. If installing one of our pottery or bowl rocks (featured) it is suggested to adjust up or down for desired water head height.



STEP 8 – FILLING THE FOUNTAIN BASE/WATER FLOW ADJUSTMENTS



Fill the fountain base with clean water. Check and adjust the water level periodically, keeping the water level at or near the bottom of the grating.



Plug the water pump power cord into a grounded GFCI (Ground Fault Circuit Interrupter) outlet.



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.

STEP 9 – ROUTING THE PUMP POWER CORD

With the water flow and nozzle/insert adjusted, place the access panel in position, routing the power cord **between the holes where the access panel and grate meet**.



STEP 10 – 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, as well as most major home improvement stores.

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.

If you'd like to put flowers or decorative plants on top of your fountain base, we suggest using the LiquidArt matching rock accent planter (accessories page). It's made with the same GFRC process as our rocks, and the colors and textures will match your LiquidArt bubblers.





ACCESSORIES



SAVE TIME

Automatically fills the reservoir to the proper water level, keeping you fountain full

Auto-Fill Kit:

The Liquid Art Autofill system is designed to attach to the 4'x4' reservoir via a water source, hose or in-line. It can be added at any time during or after installation to keep proper water levels.

Part Number: LA3700



LED Light Kit:

LED lights are energy efficient and last 10 times longer than conventional lighting. These three lights are equipped with super bright LEDs, high quality waterproof housing, and a 23 foot cord. They are great for fountains and garden landscapes as they can be used in and out of water.

Part Number: LA3000

“Foothills” Accent Rock:

The Foothills Accent rock is constructed with the same reinforced concrete to match your Liquid Art bubblers. It stands at 16” tall and is available in Dapple Grey or Sedona Brown.

Part Number: ACRA16

“Planter” Accent Rock:

The Accent Planter accessory is constructed to match your Liquid Art bubblers. It allows you to change the look of your fountain throughout the seasons by adding flowers or plants without having to move your ground cover rocks. No assembly required, just plant your accents of choice and place next to your fountain. Available in Dapple Gray or Sedona Brown.

Part Number: LAPLANTER

FOUNTAIN CARE

Caring for Your LiquidArt Rocks—Tips to Keep Your Bubblers Looking Great!

LiquidArt's Glass-Fiber-Reinforced-Concrete (GFRC) 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 the color fade or discoloration common in inferior faux stones.

Cleaning—Dirt Spots

LiquidArt's 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 a mild soap and soft-bristle brush can be used as well, if needed.

Cleaning—Algae and Moss

Over time, moss and algae may develop on your LiquidArt 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, LiquidArt recommends using an algaecide designed to reduce moss/algae growth. These additives are available at most pond shops. Just remember to make sure they are deemed safe for colored concrete!

Efflorescence—Causes and Cleaning/Removal

Any material containing Portland cement (precast 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 in a couple of ways—either as a powdery, fluffy, substance, which is easily brushed off with a nylon-bristle scrub brush, or as a crystallized deposit on the rock.

To keep efflorescence to a minimum, run your bubblers non-stop for three to four weeks after first installing your 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 efflorescence has been allowed to dry, and has attached itself to the rock, then an efflorescence remover, (such as Techni-Seal, available through LiquidArt) 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

LiquidArt's 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 grating and no lower than the water pump inlet. 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 water pump due to an inadequate water level in the fountain base 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 can reach below 32 degrees Fahrenheit on a regular basis, or where temperatures will drop substantially below freezing, even for short periods of time, it is recommended that all water be removed from the fountain kit during the cold months. Also, remove the water pump by disconnecting the pump from the valve/manifold assembly. Store the pump in a temperature-controlled atmosphere (above freezing).

How to Get Replacement Parts

Replacement parts are available by contacting LiquidArt by phone, at (800) 974-9586, by email, at info@liquidartfountains.com, or by writing to:
LiquidArt, LLC • 401 S. Redwood St. • Canby, OR 97013

Pump Service and Maintenance

Periodically inspect and clean the pre-filter. To clean, remove the pre-filter from the water pump and rinse using clean water. Replace the pre-filter if it is 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 capacity. 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 that a ground fault circuit interrupter (GFCI) be installed in the branch circuit supplying fountain or pond equipment. LiquidArt has several styles of GFCI units available.

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!

Go to www.liquidartfountains.com
for additional information and tutorial videos

WARRANTY

LiquidArt Rock and Pondless Fountain

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

This warranty covers the product you purchased from LiquidArt, LLC 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 LiquidArt, LLC. 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 LiquidArt will replace or repair, at LiquidArt's option, the defective item(s).
- Water pump: It's 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 or LiquidArt.

Additional Information for Returns

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

Contact Information

Corporate Name: LiquidArt, LLC
Phone Number: (800) 974-9586
Fax Number: (503) 263-7699
Email: info@liquidartfountains.com
Address: 401 S. Redwood St.
Canby, OR 97013

Free Extended Warranty

In exchange for information, LiquidArt will extend this product warranty from 1 year (3 years on the water pump) to 5 years (including water pump). Simply fill out the customer satisfaction survey on the next page, within 30 days of product purchase, and return it by mail or fax to LiquidArt, LLC. In return, you will receive by mail, an extended warranty certificate specifying the extended dates. Any information collected is for the use of LiquidArt only and will be utilized to help improve service and future products.

Steve Stamback, Manager, Founder
LiquidArt, LLC



Mail Customer Satisfaction Survey and Warranty Registration to:

LiquidArt, LLC,
401 S. Redwood St.,
Canby, OR 97013

Customer Satisfaction Survey and Warranty Registration



Name:	Date:
Address:	
Phone:	Product # Purchased:
Email Address:	

Thank you for your recent purchase of a LiquidArt Pondless Fountain product. Please complete the following information to register your product. **As a thank you for giving us this valuable feedback, when this warranty registration form is returned, you will receive an extended warranty totaling 5 years.** For each item identified below, circle the number to the right that best fits your satisfaction level. Use the scale to select the quality number. Please add any additional comments.

Category	Scale				
	P o o r	Good			G r e a t
1. Overall store/purchase experience	1	2	3	4	5
2. Literature available to aid in purchasing decision	1	2	3	4	5
3. Helpfulness of salesperson in purchase	1	2	3	4	5
4. Helpfulness of installation manual	1	2	3	4	5
5. Ease of installation process	1	2	3	4	5
6. Price of Product	1	2	3	4	5
7. Selection of sizes and colors available for purchase	1	2	3	4	5
8. Overall product quality	1	2	3	4	5
9. Ease of delivery of product to home/or setting	1	2	3	4	5
10. Ease of use and maintenance of product	1	2	3	4	5
11. Overall satisfaction with product purchase	1	2	3	4	5
12. Would you recommend LiquidArt products to your family and friends	No				Yes

After first seeing this product, how long before you actually made your purchase?

Please tell us the store and location where your purchase was made.

Is there anything we could have done to make your purchase experience better? (Please feel free to give us any additional comments about the product or service not included in this survey)

** Mailing instructions on back



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