

Triple Wall Wave Fountain Installation Instructions

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Welcome to the Water Wonders family. A few simple steps will ensure that your *Triple Wall Wave* remains a soothing, enjoyable fountain that brings the sights and sounds of nature to you. Two important considerations when choosing the proper location for your fountain are power source and a sturdy mounting surface. To eliminate visible electrical cords, you have the option of mounting your fountain with a switched, electrical “clock box” receptacle installed into the wall directly behind the fountain. You must have or install enough clock boxes to accommodate each plug. This fountain has a total of three plugs. Because of its weight, it is necessary to mount the pan brackets for this fountain directly into wall studs whose centers are normally 16” apart. Assistance in mounting your *Triple Wall Wave* fountain is also recommended.

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****Very Important****

Keep These Instructions with the Fountain

In order to maintain the beauty and function of your fountain, it is very important that these simple steps are taken to ensure satisfaction for years to come.

Maintenance and Operation Techniques

- **The use of distilled water is highly recommended. This will prolong the life of the pump, and greatly reduce the occurrence of mineral build-up.**
- **Maintain a water level of 1" from the top of the pan by periodically adding water. Do not allow the pumps to run dry.**
- **Wipe away any excess water that may accumulate on the copper surfaces. This will prolong the life of the copper.**
- **Use Pledge Furniture Polish with wax to help maintain the original finish of the copper. Spray the Pledge on a soft cloth and wipe the copper. This should be done 3-4 times a week.**
- **To clean the clear coated components of your fountain, use mild soap and a damp rag to remove stains and dust. Then take a damp rag that has no soap on it to clean off the soap residue.**
- **If the fountain is splashing, there are some steps that can be taken.**
 - **Increase the water level**
 - **Turn the pump volume down by using the adjustment switch on the side of the pump.**
- **Do not allow the fountain to run dry, as the pump will burn out and need to be replaced.**
- **Every four months, it is a good idea to clean the pump. The pump can be taken apart by sliding the plastic face off of the pump body, and the magnetic impeller can be removed and cleaned with a calcium/lime/rust remover.**

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Helpful Hints

Before getting started, keep in mind these important points which will help ensure a successful installation and smooth operation of your new fountain.

- Always wet the slate before turning on pump.
- Always maintain a water level of approximately 1" from the top of the water pan.
- Be careful where the fountain is set up. Try not to place the fountain in a spot where it could potentially be bumped into or cause damage. Avoid delicate surfaces that could be damaged by splashing.
- Never use chemicals or copper cleaner on the fountain, as this will ruin the finish.
- Distilled water is recommended for optimum fountain performance.
- Periodically apply a coat of wax, like Turtle Wax's® hard shell wax to the pan shroud, curtains, splash guard and side rails. This helps to keep the clear coated finish looking new, and prevents any oxidization from occurring. (recommended approximately every 6 months after the initial coating).
- Protect your fountains finish by following instructions in the Fountain Maintenance section.

Tools needed:

Electric Drill
1/8" Drill Bit
#2 Philips 6" Screwdriver
#2 Philips Bit Driver
Spray Bottle with Water
Step Stool
4' Level
Pencil
Stud Finder
Towels
Tape Measure

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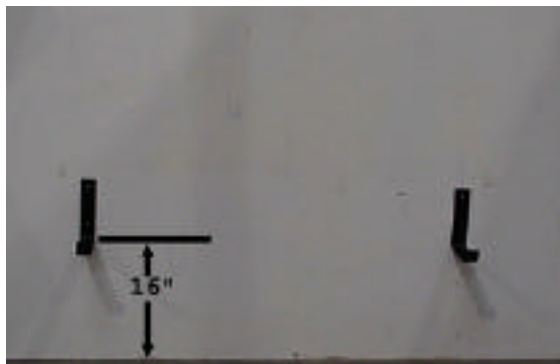
1 Lay Out and Assess Components

Set all of the fountain components out on the floor for inspection. The fountain consists of...

- 1 copper pan that rests in the pan brackets and holds the water.
- 1 clear-coated copper shroud that fits over the copper pan.
- 2 black steel L-shaped pan brackets to support the water pan. These are mounted into studs 32" apart.
- 2 clear-coated sheets of copper (Copper Dividers) that separate the three fountains.
- 3 clear-coated wave wall slate/frame assemblies.
- 1 galvanized slate bracket.
- 4 E-Z Ancors to hang the galvanized slate bracket.
- 4 #8x1" zinc pan-head screws to secure the bracket to the wall.
- 4 #12x2-1/2" zinc Phillips head screws to secure the black pan brackets into studs 48" apart.
- 2 #12x1-1/2 hex head screws to hang the wall bracket into studs.
- 3 hose clamps

2 Hang the Pan Brackets

- Choose an area on a sturdy mounting surface to hang the fountain. Standard GFI outlets should be used. If you would like to hide the power cords, switched clock-boxes can be used. A total of 3 outlets are needed for the fountain.
- Ideally, the pan should be mounted 16" from the floor, although this is not required.
 1. Use a stud finder to locate the studs that the pan brackets will be mounted into. They should be spaced approximately 32" apart. Measure up from the floor 16" on the studs and mark this point. This will be the location of the bottom of the pan brackets. Install the brackets using a level to ensure a straight bracket. Secure them to the wall using the #12 x 2-1/2" zinc screws (x4).



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3 Install the Pan

1. Set the copper water pan into the brackets that have just been installed. The flat edge should go against the wall.
2. Use a tape measure to ensure the pan is resting evenly in the two pan brackets.
3. Mark the center of the back edge of the pan at 37-1/2". This mark will be used for reference when installing the wall bracket.



4 Install the Wall Bracket

1. Using the center mark that was made on the water pan, measure up **59"** from the bottom of the inside of the pan and mark this point. **This will be the center of the bottom edge of the wall bracket.**



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2. Hold the wall bracket up to the wall at this height. **Make sure the bracket is centered above the pan.** This is critical. Mark one of the holes through the bracket onto the wall and remove the bracket.



3. At this point that was just marked; insert one of the provided E-Z Anchors. To install an E-Z Anchor, drill a 1/8" pilot hole. If there is a stud, use one of the #12x1-1/2" hex head screws to secure the bracket at this point. If there is no stud, proceed to push the EZ-Anchor into the wall until it reaches the spiral. Once at the spiral, slowly screw the anchor into the wall until flush with the head of the anchor. Be careful not to over-tighten.



Triple Wall Wave Fountain Installation Instructions

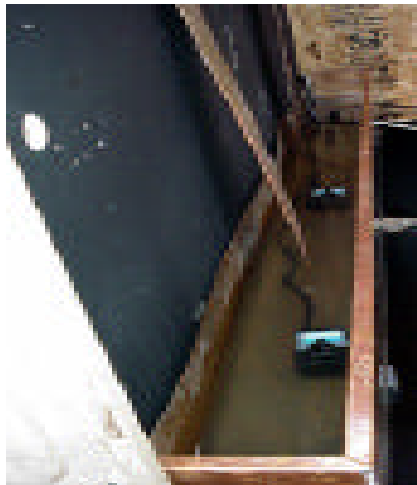
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4. Hold the bracket back up to the wall and secure it to the wall with a #8x1" pan head screw if EZ-Anchors are being used.
5. With one end secured, use a level and hold the bracket up on the wall. Mark out the remaining locations for EZ-Anchor installation, or #12x1-1/2" hex head screw installation into studs, and proceed to install the remaining anchors into the wall. Secure the bracket with the #8 pan head screws or the hex head screws.



5 Hang the Slates

1. Make sure the pan is centered below the wall bracket.
2. Remove the pumps from hardware bags and place them into the pan. Make sure that the water outlets are in an upward position and the pumps should all be adjusted to the high position.
3. Extend the cords behind the back of the pan if the fountain will be plugged into outlets below the pan. **Do not plug them in at this point.** If the plugs will be going into a switched outlet behind the fountain to hide the cords, go ahead and plug them in with the outlets turned off.



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4. Before hanging the slate, the copper curtains need to hung up on the bracket. There is an open hem at the top of the curtains that slide over the top of the galvanized wall bracket as shown below. Do this for both curtains.



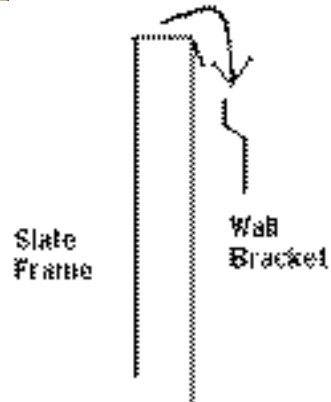
5. Lift one slate at a time and set it up on the edge of the pan. Have one person take the remaining slack out of the power cords before hanging the fountain.
6. Connect the pump to the vinyl tubing that is extending from the frame. Secure the pump to the tubing with a hose clamp.



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7. Notice the open hem at the top of the slate frame. This will slide over the top of the wall bracket. Make sure the frame is fully seated on the bracket. Repeat this process with the remaining slates.



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8. Once all three slates have been mounted, the copper pan shroud can be placed over the top of the pan. See below. The shroud covers the face the pan and the black pan brackets.



6 Boot Up the Fountain

1. The fountain is now ready to be booted up. Fill the pan with water (distilled is preferred). The water level should come to about 1" from the top of the pan.
2. Spray all three slates prior to starting the fountain to help improve water flow.
3. Position the flow tab to the desired water flow (see picture below).
4. Plug the fountain in at this point. After a few seconds, water should be flowing over the top edge of the fountain and down the face of the slate. To improve water flow, use a hand to push the water up and over the edge of the top trough. (see below) Also make sure that the fountain is completely level, as this is critical to proper water flow. Slight adjustments in the frame position can be made if necessary. **Enjoy the fountain! Remember to**

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follow the maintenance and operation instructions to ensure proper function of the fountain.



Trouble-shooting:

- *Pump is too noisy:* Make sure the pump is securely attached to the pan with the supplied suction cups. Be sure the pump's output nozzle is securely inserted into the fountain's clear intake tube as forced water escaping the connection may cause unwanted air bubble noise. Make sure the pump is completely submerged.
- *Water does not flow:* Make sure pump output nozzle is inserted into rubber intake tube, pump is completely submerged and the power receptacle is switched to an "ON" position.

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- *Uneven water flow:* Make sure the fountain is level on the wall. Remember that our fountains perform best when allowed to run continuously.

Notice: The process that we use to build these fountains can be described simply as peeling a layer of slate from a full slab of slate. When each layer is pulled, often times there are small diameter holes that are left on the slate that has been peeled off of the original slate. This is a result of the natural undulations and character of the slate that are transferred to the new piece. If any large holes are present, then that slate is discarded. Small holes are sometimes patched with real slate, or they left untouched. The presence of some small holes does not affect the performance or life span of the fountain. When water is flowing over the slate, the holes are not noticeable and do not pose a problem. If holes exist on your particular slate that you are dissatisfied with, a patch kit can be obtained by calling customer service at Water Wonders, 1-800-549-1880

Although Water Wonders Fountains are designed not to splash, sweating from condensation and splashing droplets can occur if set up incorrectly. As a precaution against water stains, please protect fine surfaces under and near fountain.

If you have any questions regarding installation and/or maintenance, please call your dealer.