

# Double Wall Wave Installation Instructions

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Welcome to the Water Wonders® family. A few simple steps will ensure that your *Double 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. Before you set your fountain up, decide where you are going to plug in the power cord. The fountain should be plugged into a standard GFI outlet. It can be mounted over a switched outlet if you wish to hide the cord, using a recessed outlet.

## 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 slate before turning on pump.
- Do not fill pan closer than 1" from the top while it is running as water drains back into pan when the power is off and may cause overflowing.
- 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.
- Save these instructions for future reference.
- See trouble shooting guide for pump maintenance information.

## **Tools Required**

**Power Drill**

**Phillips Head Screwdriver**

**1/8" Drill Bit**

**Level**

**Hammer**

**Ladder or step stool**

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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. Water on the outside of the copper will accelerate the verdigris (copper turning green) process.**
- **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.**
- **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. It is also recommended that the entire fountain is cleaned at this point (new water, clean the water basin, etc.)**
- **A product called ProTec Scale and Stain Remover can be added to the water to help prevent calcium and mineral deposits from building up on the slate. This can be purchased at your local aquarium and pet store.**
- **Make sure the pumps have been set at their highest setting. If adjustments need to be made, the flow control knob can be turned on the face of the pump.**

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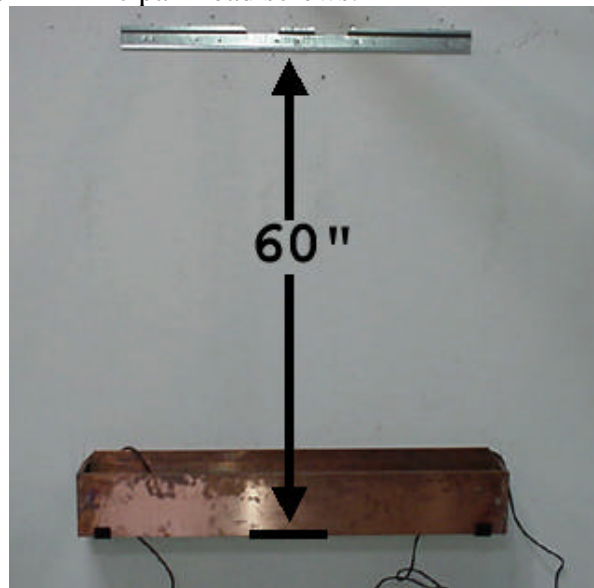
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## 1 Hang the Pan and Slate Brackets

- This fountain is ideally mounted 18"-20" from floor. Install the two black L-shaped pan brackets into studs with the #12 x 2-1/2" Phillips head screws.
- These should go directly into studs. They should be approximately 32" apart, and must be level with one another.
- Once the two brackets have been installed, place both pumps in the pan and set the pan in the brackets. If the fountain is to be plugged in beneath the pan, extend enough of the pump cords over the back side of the pan and down the wall. If the fountain is being plugged into recessed clock boxes, they can be plugged in at this point.
- **From the bottom of the inside of the pan, measure straight up the wall 60".** This point will be the location for the bottom of the wall bracket (galvanized strip of sheet metal).
- Center the wall bracket above the pan brackets and install using the provided E-Z Ancors™. **To install E-Z Ancors, drill a 1/8" pilot hole. Press the tip of the anchor into the hole and push it in until it reaches the spiral. At this point, begin turning the anchor with a screwdriver until it is snug into the wall. Be careful not to overtighten.**



- Use a level to install the wall bracket. Hang the galvanized wall bracket using the #8 x 1" zinc pan-head screws.



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## 2 Hang the Copper Curtain

- The copper curtain is the long strip of copper that will separate the two frames. Before installing the frames, hang the curtain from the center of the galvanized wall bracket. There is an open hem at one end of the curtain. This hem will slide over the top of the lip of the wall bracket. Make sure the curtain slides all the way down onto the bracket (this is the same way the fountains themselves will hang from the brackets).



## 3 Connect the Pumps

- Prior to installing the pumps, set some soft towels over the edge of the pan.



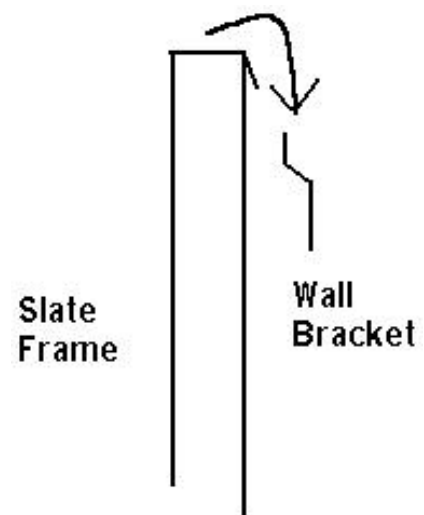
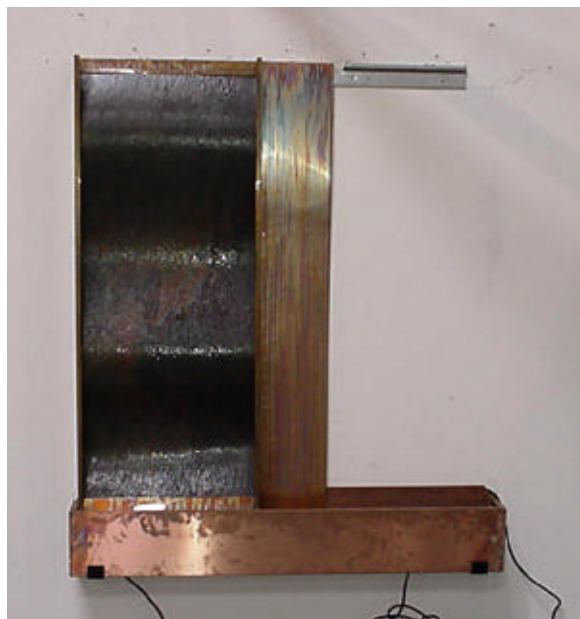
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- Lay the face of one of the fountain frames on the edge of the pan, as shown below. With one person holding the frame, another must connect the pump to the vinyl tubing that is extending from the frame. Secure the pump to the tubing with a hose clamp.



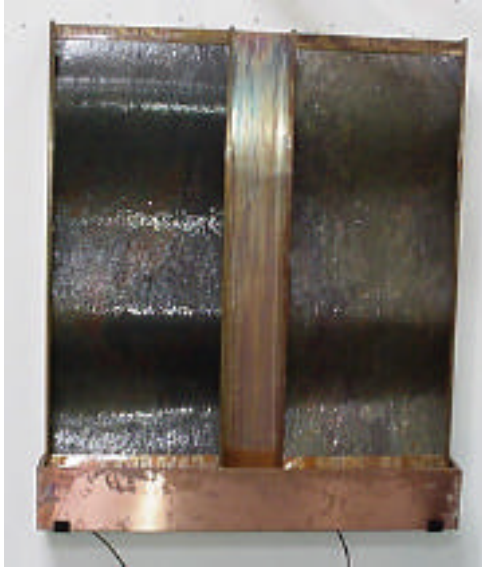
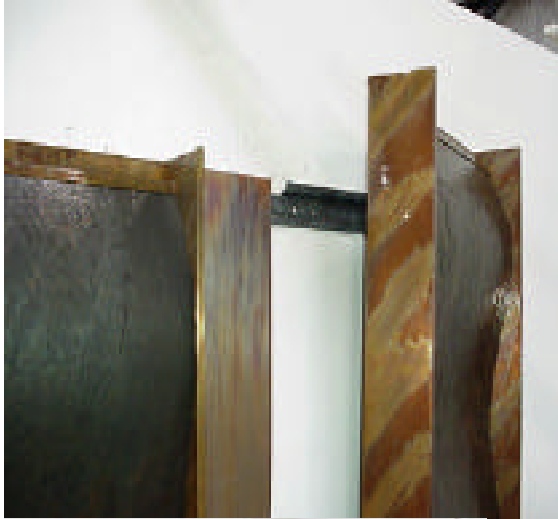
- With the pump secured to the frame, the first frame can be hung from the wall bracket. Lift the frame up to the bracket and slide the top hem down over the top of the bracket until it is fully seated.



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- Repeat the previous steps for the second frame.



### **4** Install the Copper Shroud

- The Copper Shroud fits over the face of the pan to hide the raw copper finish of the pan and the visible pan brackets. This piece simply clips over the top of the front edge of the water pan.

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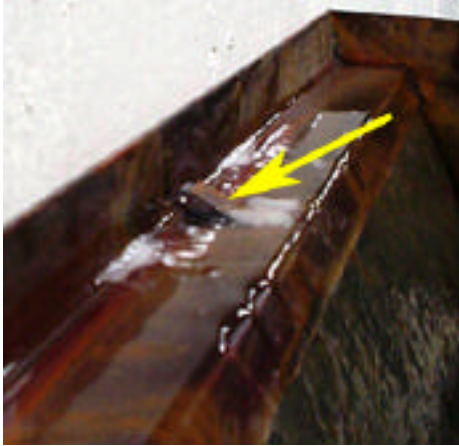


### **5 Boot Up the Fountain**

- Fill the reservoir pan with water (distilled is preferred). The water level should come to within 1" from the top edge of the pan, and should be maintained at this height.
- Prior to turning the fountain on, spray the face of the slate with a water bottle to help improve initial water flow.
- Position the flow tab to the desired water flow (see picture below).
- Turn the fountain on. Push the water across the face of the slate to achieve full water coverage.
- Wipe away any excess water that has splashed on the copper during initial boot-up.
- Enjoy the fountain!

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### **Trouble-shooting:**

- *Pump is too noisy:* 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. Also, a scotchbrite pad can be placed underneath the pump to dampen any noise that may occur.
- *Uneven water flow:* The fountain must be mounted level. Spray the dry surfaces of the slate until water flows evenly. Fountain will perform best when allowed to run continuously
- *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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- *Pump Maintenance:* The pump should be pulled apart and cleaned every four to six months. Instructions for this procedure can be found on the Water Wonders website at [www.waterwonders.com](http://www.waterwonders.com).

**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 the set-up or maintenance of your fountain please call your dealer.*