

# YOSEMITE FALLS

## FOUNTAIN INSTRUCTIONS

Water Wonders®



Welcome to the Water Wonders family. A few simple steps will ensure that your *Yosemite Falls* 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. Because of its weight, we stipulate mounting the fountain directly into wall studs whose centers are normally 16” apart. Assistance in mounting your *Yosemite Falls* fountain is also stipulated.

### **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 rocks before turning on pump.
- Always maintain a water level of approximately ½” 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.
- There is a control valve that attaches to the pump for this fountain. Adjust the flow of the water by turning the lever on the valve to open or close the valve. Adjusting the angle of the PVC water disperser pipe can also change the water flow.

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### **TOOLS NEEDED:**

- |                              |                |
|------------------------------|----------------|
| • Phillips Head Screw Driver | • Tape Measure |
| (Power Driver Optional)      | • Stud-finder  |
| • Hammer                     | • Pencil       |
| • Level                      | • Masking Tape |

<b><u>FOUNTAIN COMPONENTS</u></b>	<b><u>HARDWARE</u></b>
 Water Pan	 #12 x 1 1/2" Hex Head Screws (4)
 Light Ring	 EZ-Ancors (4)
 Splash Guard	 #8 x 1" Pan Head Screws (6)
 Valance	 10-12 x 1" Plastic Anchor (2)
Not Pictured  Pump	 Wall Mounting Bracket

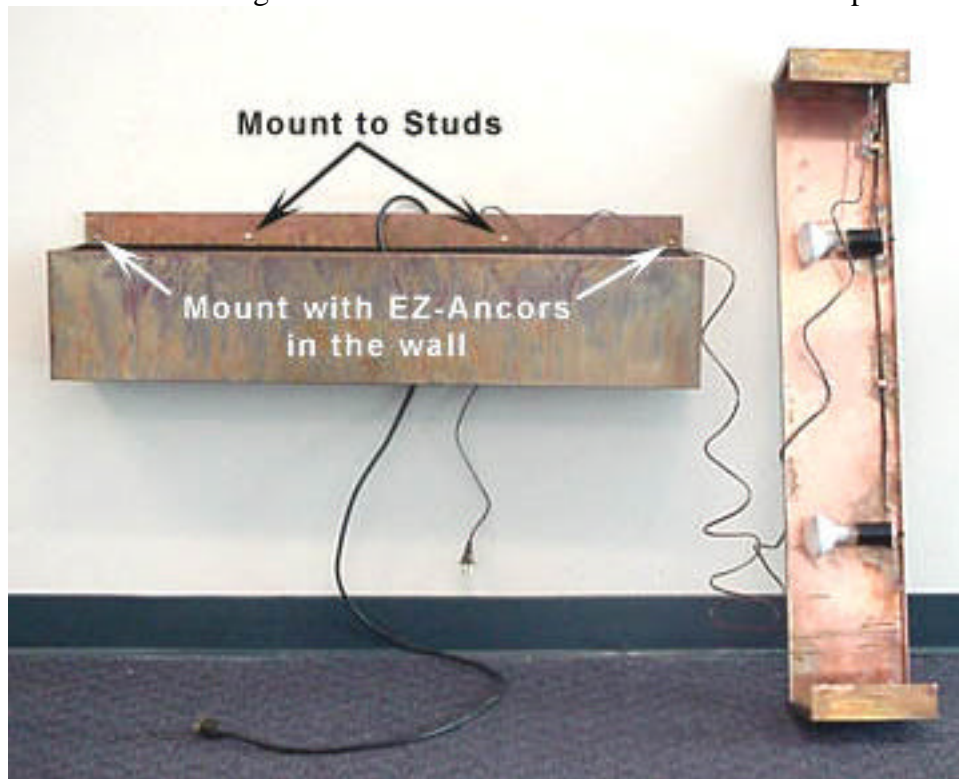
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### 1 MOUNT THE WATER RESERVOIR PAN

The height of the water reservoir pan depends on the height of your wall. The best way to decide on a height for mounting the water reservoir pan is to take the overall height of the fountain, 72 ¼ inches, and figure where you want the bottom of the fountain to be on your wall. Use that point to gauge the height of the water reservoir pan. The two inside holes of the water reservoir pan are lined up 16 inches off to be mounted into studs. Use your studfinder to locate two studs (16" apart) in the vicinity of where you want to mount your fountain. Mark those studs at the height of the top of the water pan. Set the pan on the wall where you plan to install it and use a level to make sure you have it level. Line up the two inside holes with the studs that you marked earlier. Once it is lined up and level, mark the two outside holes with a pen or pencil. The two outer holes will require the installation of the provided EZ-Ancors into the wall. Remove the pan from the wall and screw in the two supplied EZ-Ancors into the wall at those marks. Now place the pan back on the wall and screw in one of the 1" pan head screws into one of the EZ-Ancors on one side of the pan. Before mounting the other side of the pan to the wall, you must consider where you plan to plug in the pump and light cords. If you plan on plugging in the two cords behind the fountain with a switched, recessed "clock box," then you don't need to feed the cords behind the water reservoir pan. If you plan to plug the two cords in below the fountain, then both of the cords should be fed behind the water reservoir pan before the other side is mounted to the wall. The cords should be run between the two masonite spacers at the top of the back of the pan. With the cords in their correct position screw the other 1" pan head screw into the EZ-Ancor. Finally, screw in the two 1 ½" hex head screws into the studs through the middle two holes of the water reservoir pan.

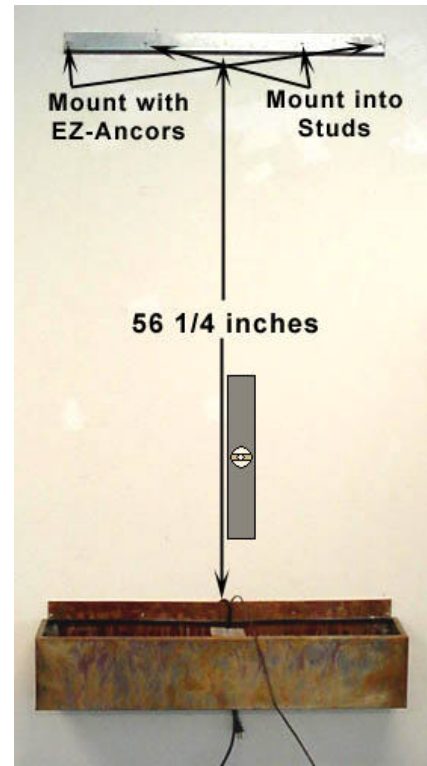


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## 2 MOUNT THE WALL BRACKET

Because of the weight of the tile assembly, you will need to mount the wall bracket into studs. Using a stud finder, determine the location of the studs behind the wall and mark with a pencil. The wall mounting bracket has been drilled with two holes 8" off center, the same as the water reservoir pan to allow for mounting into wall studs. Measure up 56 1/4" from the top of the back of the water reservoir pan to find the bottom of the wall mounting bracket. Use a level along side your measuring tape to ensure that you are lining up the wall mounting bracket with the water reservoir pan vertically. Mark a spot on the wall to represent the bottom of the bracket. Locate the wall studs and hold the mounting bracket against the wall so that the bottom is on its wall mark and the two stud mounting holes are over the studs. Place a level on the wall mounting bracket to ensure that it is level. With the bracket in position, mark the four holes with a pencil/pen. Remove the bracket and insert the EZ-Anchors at your two outside marks just as you did on the water reservoir pan. Next place the bracket on the wall and screw in the 1" pan head screws on the two outside holes and then the 1 1/2" hex head screw through the two center holes into studs.



## 2 HANG TILE FRAME ASSEMBLY

If you are using a switched, recessed "clock box" style outlet behind the fountain, plug both of pump and light cords in with the switch in the "off" position. **\*\*CAUTION: ONLY PLUG IN PUMP IF YOU ARE USING A SWITCHABLE CLOCK BOX RECEPTACLE. DO NOT LET THE PUMP RUN DRY!** Before hanging the tile frame assembly, tape the pump cord to the back of the pan so that the cords is routed through the notch in the foam (See the picture). Also, remove all of the white foam packing material from back of the fountain frame. Using caution and with help, lift the tile assembly onto the wall so that the wall mounting bracket and the tile assembly mounting bracket interlock and their edges are even. The bottom of the tile assembly should hang just below the edge of the water reservoir pan. Connect the pump to the vinyl tubing by inserting the black nozzle on the pump into the tubing. Use a hose clamp to secure this connection. **Set the pad of Scotchbrite beneath the pump to reduce vibration.**

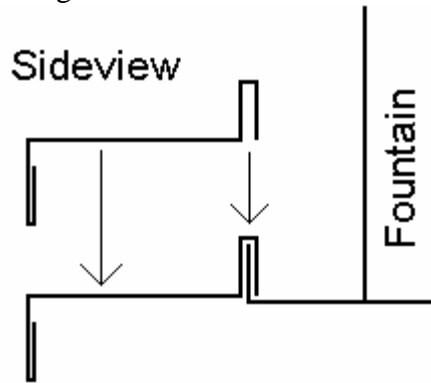


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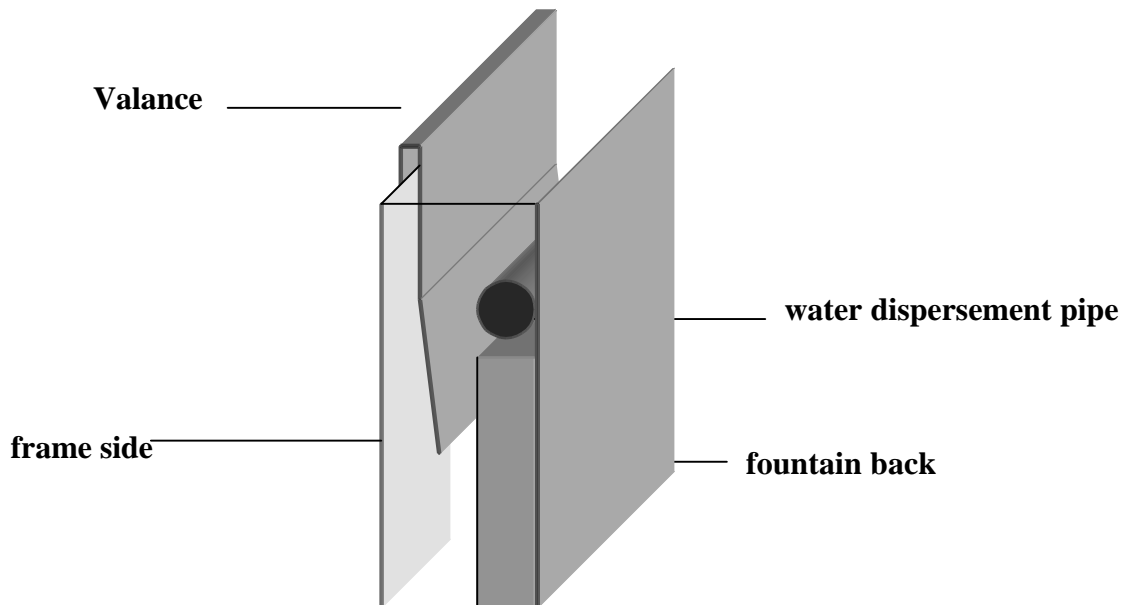
## 4 INSTALL THE SPLASH GUARD

The splash guard clips onto the bottom of the tile assembly. The diagram below shows how the splash guard clips over the copper edge on the bottom of the tile assembly.



## 5 ATTACH THE VALANCE

With the patina side facing outward, slide the valance down onto the top of the frame's side rails by the hemmed edge. The valance should not touch the water as this would restrict water flow. See diagram.



**SIDE VIEW**

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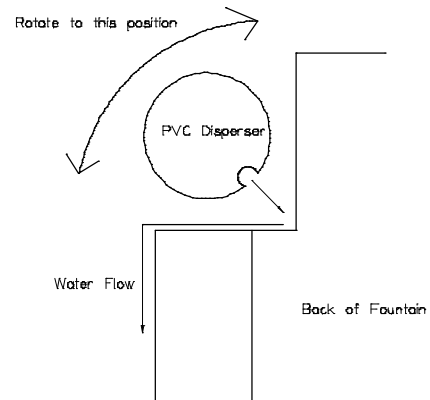
## 6 TEST BOOT UP

Fill the water reservoir pan with water (distilled or purified is stipulated) to within ¼” of the top of the pan. **Before you start the fountain all of the tiles must be wet.** If not, the flowing water will not adhere to the slate and will tend to run off of the fountain. The easiest way to wet the slate is with a spray bottle or a sponge. Spray or wipe the entire surface. Now plug in the fountain. After a few seconds the water should flow evenly over the face of the fountain. You can adjust the sound of your fountain with the level of water in the water reservoir pan.

**Initially, water may spray out off the top of the fountain. This is due to either the PVC pipes not being directed properly, or the tile has not been prepped with water and a sponge. To avoid this, boot up the fountain and have a sponge in hand. As water is running off the top of the fountain and down the face, wipe the sponge across the top of the fountain several times to get the water to adhere to the pebbles. Also, adjust the positioning of the disperser for the water to flow smoothly down the face. In the picture below, the arrow indicates the proper direction of the water flow when it comes out of the PVC. The holes in the PVC are directed back and down** towards where the tile and copper meet, then it pushes forward and out over the face of the fountain.



Side View



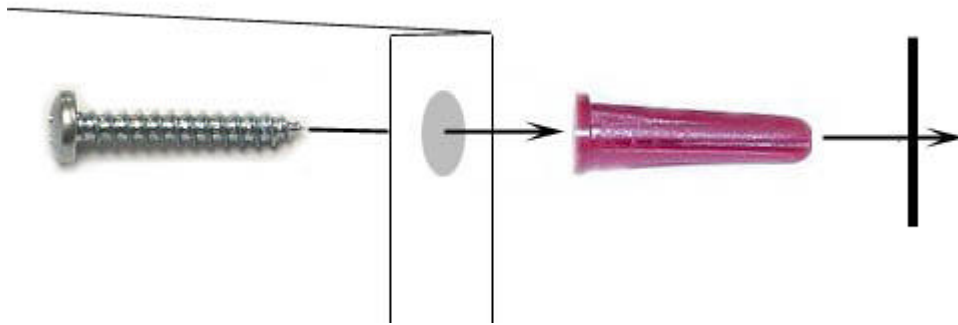
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### 7 MOUNT THE LIGHT RING

Slide the light ring in behind the tile assembly with the cord going behind the side of the tile assembly. The top of the light ring should be approximately 3 inches above the top of the fountain. Make sure that the light bulbs are at least two inches away from the water flow. If the light bulbs get wet while on, they could pop and shatter. Mark the location of the two screw holes on your wall with a pencil. Using those marks, make two holes in the wall with either a drill or by poking holes with a screwdriver. Try to make the holes smaller than the diameter of the plastic anchor so that you get a good fit. Insert the plastic anchors into the two holes and tap lightly with the hammer until flush with the wall. With the anchors in position, place the light ring on the wall and slide it into position. Line up the holes with the anchors and screw the 1" Pan Head screws into the anchors.



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### Maintenance:

- In order to help preserve the original look of the fountain, it is recommended that the copper components (pan, side rails) are wiped down periodically with Pledge to remove any water drops that have accumulated.
- Check the water in your fountain periodically – about as often as you would water your houseplants - for a water level of  $\frac{1}{4}$ "-  $\frac{3}{4}$ " **from the top of the pan.** Water will evaporate from the fountain and adversely affect the performance of the water pump, which **MUST** be completely submerged for proper operation and longevity. **NEVER ALLOW YOUR WATER PUMP TO OPERATE DRY!**
- Little Giant™ pumps are designed to provide exceptional pumping capacity with minimal maintenance. **Please read the manufacturer's instruction sheet for important safety, operation, maintenance and warranty information.**
- We have carefully hand-applied a patina finish to your fountain's copper components. If you like this finish as much as we do, it can be protected from natural oxidation by applying Pledge or another household wax with a soft cloth. **DO NOT USE COPPER CLEANER**, as this will remove the patina, leaving the original bright copper finish. However, should you wish not to preserve our finish, simply do nothing and allow nature to perform its own permanent patina.
- **Warning:** Petroleum based oils, including petroleum based fragrances, should never be used in this fountain as they will cause permanent damage.

### 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. Reposition the Scotchbrite pad beneath the pump.
- *Uneven water flow:* Make sure the valance is not obstructing the flow of water at all. Spray the dry surfaces of the slate until water flows evenly. Fountain will perform best when allowed to run continuously. Increase the water flow by opening the flow control valve on the pump.
- *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.

Note: 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 our customer service department at 800-549-1880.*