



Congratulations on your purchase of an Adagio water feature! We are confident it will bring peace and tranquility into your home by bringing the sights and sounds of nature to you. It will also act as a natural humidifier. Chances are that you have already designated a wall for your new fountain. It is essential when choosing this location that there is a power source and a sturdy, mounting surface. Before you install your fountain, decide where you are going to plug in the electrical cord that comes with it. You have two options for plug-in points: We suggest a standard wall outlet placed behind the left most stone in order to hide the cord. We recommend having an electrician or licensed contractor install this outlet for you. Once you have decided the location of the fountain, make sure the outlet is placed at least 18 inches above the bottom of the tray and more than 24 inches below the top of the hood. In other words, place the outlet near the middle of the fountain. Your fountain measures 69 inches from the bottom of the tray to the top of the hood. The hood and tray are each 61 inches wide and the stones are each 60 inches high by 26 inches wide. These measurements will help you in deciding the location of the fountain on the wall and placement of the outlet. It is recommended that your new outlet be wired to a wall switch so that you can easily turn it off and on. **Do not** use a recessed outlet since our plug is flat and may not fit into the recessed box.

If you do not want to place an additional outlet behind the fountain just make sure there is an outlet close by.

**IMPORTANT:** If you have purchased a Cottonwood Falls with the Green Stone, the above measurements of length will be 12 inches shorter. The Green Stone is 48 inches tall while the Multi-color or the Black stones are 60 inches tall. The width is the same on all stones, hoods and trays.

Because of its weight, it is required to mount each stone to at least one wall stud. If you cannot find a second wall stud behind each stone or the positioning of the fountain does not allow for the use of a second wall stud behind each stone, use the enclosed EZ Anchors. You may use a wall stud for the left side, right side or center of the Wall Bracket. **Failure to use at least one wall stud in mounting your fountain may result in damage to your wall, the fountain, and the possibility of the stone falling off the wall.** Assistance in mounting your Adagio water feature is also recommended.

### 1. Component Layout

The image displays the following components:

- Hood
- Water Distribution And Baffle
- Wall Bracket
- Back Splash Guard
- Water Tray
- EZ-Anchor
- Rubber Washer
- Pump
- Toggle Nut
- Pan Head Screw
- Scotch Brite Pad
- Toggle Bolt
- Lag Bolt
- Rubber Stopper
- Hose Clamp
- Pump Pad
- Front Splash Guard

## 2. Beginning Points

- 1) Before you begin the actual installation, use your stud finder and determine the position of all the studs in the wall directly behind the location of your water feature. Mark each stud.
- 2) Then determine where you want the bottom of your water feature to be. This is not the bottom of the stone but the bottom of the Water Tray that holds the water reserve. This is the lowest point of the fountain. Mark this point with a small horizontal line (you may want to use a level to insure exact horizontal).
- 3) The next step is to find the vertical center. Mark this vertical line in a few places on the wall. The water feature will hide these marks when it is completely installed. You should have an intersection of these two lines that indicate the bottom center of your water feature. (Reference diagram)

## 3. Mounting the Water Tray and Back Splash Guard

- 1) From the intersection of these lines measure up the wall 53 inches (or 41 inches for Green Slate) and mark this point with a 24 inch horizontal level line. This mark is the bottom of the Wall Brackets. You should now have a second intersection where the vertical centered line intersects the mark for the bottom of the Wall Brackets. Each Wall Bracket is 20 inches long and will be fastened to the wall with the lip on the bottom.
- 2) Make sure the studs are marked in the area of both Wall Brackets
- 3) Measure over from the center line 5 ½ inches in both directions. This mark indicates the starting point of the bottom inside corner of each Wall Bracket.
- 4) Place the Wall Bracket on the wall so the bottom lines up with the indicator line and the inside corner matches the mark. With your level in the lip adjust it until at least one set of holes lines up with a stud. The Bottom inside corner of the Wall Bracket does not have to be exactly on the indicator mark. It can be shifted to the left or right up to one inch, but no more. **Failure to use at least one wall stud in mounting your Wall Bracket may result in damage to your wall or the fountain, and may cause the stone to fall off the wall.**
- 5) When you have decided the location of the Wall Bracket make sure it is level then mark **ALL** the holes.
- 6) You will only need to use 6 of the holes, one set over the stud and four others. Space the other four holes evenly across the Wall Bracket to support the weight of the stone.
- 7) The four holes that do not line up with the stud should be fastened to the wall with the supplied EZ-Anchors. After determining the location of the four EZ-Anchors pre-drill the holes with a 1/8" bit and screw them into the wall.
- 8) Then, align the Wall Bracket with your EZ-Anchors and screw the pan head screws into the anchors but **do not tighten**. First double check your level, and then tighten.
- 9) Once the Wall Bracket is up, pre-drill the two holes over the stud with the same 1/8" bit and screw the two hex head screws into the stud all the way tight.
- 10) Repeat this process for the second Wall Bracket

#### 4. Mounting the Water Tray and Back Splash Guard

- 1) Line the bottom of the Water Tray up with the line you marked earlier as the bottom of the Water Tray. This line is the lowest point of the water feature.
- 2) When the bottom of the tray and the marked line are equal use a level to insure level and mark the eight holes at the top. Before you mark the holes make sure the center of the Water tray is lined up with your vertical center line. Now remove the Water Tray from the wall.
- 3) Of the eight holes, the two outside holes (furthest right and furthest left) carry almost all the weight of the water and the Water Tray using a toggle nut and bolt in each of the holes. Pre-drill these outside holes with a 1/2" spade bit this will allow the toggle nuts to set in the wall.
- 4) The other six holes use the supplied EZ-Anchors. Pre-drill each with an 1/8 inch bit, then screw them into the wall.
- 5) You are now ready to mount the water tray. Find the bolts that fit into the toggle nuts (if the toggle nuts are on the bolts remove them).
- 6) Put a rubber washer on each of the bolts then insert the bolts through the two outside holes.
- 7) Screw the toggle nut on the end of the bolt just enough to allow the threaded end of the bolt to stick out the other side of the toggle nut. Then, pinch both toggle nuts closed and insert each into the wall where you pre-drilled with the 1/2" spade bit.
- 8) Push the bolt and toggle nut into the wall until you hear or feel the toggle bolt open on the other side. Then tighten each bolt while lightly pulling on it. Do not tighten all the way. Leave about 1/2" left to tighten.

**NOTE:** If you are planning on plugging the fountain into an outlet that is **NOT** behind the stone but near by, we suggest you feed the power cord from the Hood between the Water Tray and the wall. Because of its limited length, leave only 6 inches of the power cord exposed beneath the Water Tray. If the power cord will not reach the intended outlet you may need to use an extension cord. We suggest putting the power cord behind the left most stone between the two left most EZ-Anchors. You may simply set the hood on the floor while doing this, just set it out of the way so as not to damage it or trip over it.

- 9) Now, take four pan head screws and insert them into the 1 inch rubber stoppers. These stoppers are used to hold the stone away from the wall.
- 10) When the pan head screws are all the way through the stoppers insert two of them into the two slots at the bottom of each Back Splash Guard. This is the flat rectangular piece of copper. When the Back Splash Guard is up against the wall the folds of copper should be towards the wall. Then, line up the pan head screws with the two holes of the Water Tray that will fall behind each stone. The Back Splash Guard should be on the inside of the Water tray, **NOT** between the wall and the Water Tray.
- 11) Screw the pan head screws into the EZ-Anchors but do not tighten all the way.
- 12) Get two other pan head screws and fit a rubber washer on them and feed them through the two holes toward the center of the Water Tray. Begin threading them into the EZ-Anchors but do not tighten. Get your level out and check for level. Tighten these two pan head screws first. Then, finish tightening the Pan Head screws with the Rubber Stoppers. **Warning: Do not over tighten these pan head screws; this could cause them to pop through the 1 inch rubber stoppers.**

- 13) The Toggle Bolts should be the last fasteners tightened. Remember these Toggle Bolts support almost all the weight of the Water Tray so take special care to ensure a tight fit.
- 14) Make sure the Water Tray is secure and tight against the wall. The Back Splash Guards may not be flush against the wall, but should be firmly in place.
- 15) Before you hang the Stones fasten the Center Cover to the wall. This is the piece of metal that hides the wall in-between the two stones. It needs to be vertical and exactly in the center of the Water feature. Make sure the finished side is out and it is covering the center line then tuck the bottom edge between the top lip of the water tray and the wall. You should not need to tuck it more than 1/8 of an inch.

## 5. Hanging the Stone

- 1) If you are going to use an electrical outlet behind the left most stone now is the time to plug in the power cord from the Hood. You may simply set the hood on the floor out of the way so as not to damage it or trip over it.
- 2) With at least two people, stand one of the stones up in front of the Water Tray and set it on a block of wood. The block of wood will allow you to get your fingers underneath the stone without pinching them.
- 3) You will need to lift the stone high enough to clear the top of the Water Tray. Bring the bottom of the stone inside the Water Tray and lift it high enough to rest it on the Wall Bracket. You may slide the stone from side to side until it is 2 inches from the edge of the Water Tray. Be careful not to pull the stone away from the wall at the bottom as this can damage the mounting bracket.

## 6. Installing the Water Distribution and Pump

- 1) From the top of each stone, feed the hose through the notched middle area of the brackets.
- 2) Take the Water Distribution Unit (WDU) and attach the top of the hose to its copper nozzle using the hose clamp to ensure a tight fit. **Warning: Watch for sharp edges on the copper, they can cut easily.**
- 3) Place the WDU on the top of the stone with the copper nozzle in the back and pointing down. Make certain it is level.
- 4) The tabs on the back of the WDU can be used to adjust the fit of the WDU on the stone. Because the stones vary in thickness the tabs may need to be bent dramatically to ensure a tight fit across the stone. It may take some maneuvering, but it is worth the time and effort now to get a good fit because it will only become more difficult later in the installation.

**Note:** For stones that are thinner than normal you may apply the supplied 1/4" thick foam tape to the inside of the back tabs on the WDU. Do not put any type of spacers on the front lip of the WDU. The functionality of the water feature depends on a close fit between the front lip of the WDU and the front of the stone.

- 5) After installing the WDU, vigorously rub the supplied Scotch Brite pad on the front copper piece of the WDU that overhangs the stone by a couple inches. This is where the water will flow and rubbing the pad over the entire section will help with overall water coverage.

**Note:** The Baffle fits inside the WDU and should already be there. The Baffle has a set of wings on both sides. The smaller wings should be on the top and are used as handles for inserting and removing the baffle from the WDU. The Baffle fits tightly in the WDU and may be difficult to remove and insert. The larger wings should be on the inside of the baffle and are used to adjust water flow. For example, if there is not enough water flow to the left side of the stone you can remove the baffle and open the left wing a little to allow for more water to the left side. *Important: The notched edge of the baffle goes to the back of the WDU.*

- 6) Now you are ready to attach the each pump. First, you must remove the adhesive cover from the supplied ½" foam pad and attach it to the bottom of the pump. The bottom of the pump is determined by the plastic nozzle pointing up. The pump pad is used to dampen the vibration of the pump and reduce pump noise.
- 7) With the hose fed down behind the stone and between the two 1 inch rubber stops attach it to the plastic nozzle of the pump. Be sure to use the supplied hose clamp to ensure a tight fit. *Important: Before running the pump be sure there are no kinks in the hose behind the stone.* The pump will sit in the middle of the Water Tray with the nozzle and hose towards the back pointing up.
- 8) Now fill the Water Tray with enough water to cover the pump entirely. Plug the pump power cord into a temporary outlet or extension cord. This is for testing purposes only. You should hear the pump turn on immediately, but it takes a few seconds for the water to start coming down the stone. Let it run for a few minutes.
- 9) Watch the WDU to make sure you are getting even water coverage across it. If you are not getting even water coverage refer to the instructions above and make the necessary adjustments.
- 10) There may be places on the stone that are dry. If this is the case just run your finger down from a wet spot through the dry spot to get it wet.
- 11) If you are getting little splashes off the face of the stone, take a flat edge screwdriver and wear away any edges that may cause the splashing.

## 7. Mounting the Hood and Start Up

- 1) Place the Hood over the stone with the light bar towards the front, make sure it is level and is balanced left to right with the Water Tray. The top of the Hood should be about 1 ½ inches above the top of the WDU.
- 2) When you have it in the right location and level mark all the holes at the top.
- 3) Remove the hood, pre-drill the holes with a 1/8" bit, and screw in the supplied EZ-Anchors.
- 4) Place the Hood in line with the EZ-Anchors and fasten it to the wall with the pan head screws.
- 5) With the hood securely fastened to the wall, coil up and hide the excess power cord behind the light bar or the stone.
- 6) If you have not already, disconnect the Pump power cord from the temporary outlet or extension cord. Bring it up behind the stone and plug it into the light bar at the top of the Hood. *Important: No power cords should be run through the middle notch of the Mounting Brackets. That notch is for the Pump Hose only. The power cords should be run around the side of the Mounting Brackets.*

- 7) The Light Bar has a dimmer switch that can turn on or off the lights by pushing it in, and can dim or brighten the lights by turning it to the left or right. You may use any standard size light bulb in your water feature, but we suggest using halogen PAR 20 50 Watt flood lights. **Warning: Always turn the fountain completely off before installing or replacing the light bulbs.**
- 8) Fill the Water Tray with water. **We highly recommend the use of distilled water!** If you choose not to use distilled water we recommend the use of filtered or purified water. This will slow the build up of hard water stains and calcification.
- 9) Salt softened water will whiten or dull the stone. Reverse Osmosis softened water may be used. *Important: To avoid damaging the pump, keep the water level above highest point on the pump. Never fill the Water Tray higher than 1 ½" below the top of the Water Tray.*
- 10) The last piece is the Front Splash Guard. Just above the top of the Water Tray hook one side of the Front Splash Guard around the stone. Then carefully without scratching it hook the other side around the stone. Then, slide the Front Splash Guard down and hook the two tabs onto the top lip of the water tray so it hangs evenly. *Important: Make sure not to hook the Back Splash Guard with the Front Splash Guard.*

**MAINTENANCE:**

**\*\*IT IS IMPORTANT TO REMEMBER THAT THIS PRODUCT NEEDS MAINTENANCE ON A REGULAR BASIS.\*\***

- **Pump.** Check the water in your fountain daily. NEVER ALLOW YOUR PUMP TO OPERATE DRY! Pumps that have been operated without water will not be covered under warranty. Over time your pump may get calcium build up on it. Unplug it from the light bar then remove it and clean thoroughly.
- **Copper Finishes.** We have applied a clear coat (similar to the one put on automobiles) to our copper Water Trays, Hoods, and Splash Guards. This is to help prevent the natural patina process and/or corrosion. We recommend that once every 60 days (or as needed) you apply a hard shell car wax to the outside of the Water Tray and upper half front side of the Splash Guard. This will help prevent water from penetrating the clear coat. If you get white spotting on your copper and the wax does not remove it, apply Calcium Lime Remover (CLR) or Lime-away to the spots and **rinse it very thoroughly**. After drying, apply car wax again. Do not let water stand on the lip of the Water Tray.
- **Stainless Steel.** Do not apply wax to the stainless steel. If spotting occurs, apply CLR or Lime-away as noted above.
- **Stone.** If the stone whitens, colors dull, gets a slimy feel to the surface, or you notice algae building up, turn off the pump and get a scrub brush and apply CLR or Lime-Away. Vigorously apply the brush with some water and cleanser to areas of concern as well as the entire stone. *Important: Take precaution when scrubbing that your floor or walls do not get splashed.* Rinse the stone thoroughly and remove all the dirty water from the Water Tray. Then refill with clean water. Sometimes after the initial start up of your water feature you may discover your water is dirty. Although we have cleaned the stones after their arrival from India the constant flow of water over the stone may dislodge dirt from the stone. Simply remove the dirty water and replace it.
- **Water.** Depending on the amount of usage, you may want to put 1-2 **drops** of Clorox into your water per week. **Do not overuse Clorox.** This will help keep your water clean and prevent slime and algae from growing. *Important: If you are using distilled water do not use Clorox.*

**TROUBLE-SHOOTING:**

- *Pump is too noisy:* Make sure the pump is sitting on the bottom of the Water Tray and not touching either of the walls and that the pad is under it. Be sure the rubber tubing is securely fastened to the pump nozzle and the water distribution nozzle, as forced water escaping the connection may cause unwanted air bubble noise. Make sure the pump is completely immersed in water.
- *Water does not flow:* Check for any kinks in the rubber tubing at the bottom of the slate. Make sure pump nozzle is inserted into rubber tube, and the pump is completely immersed. Over a long period of time and depending upon the type of water you use, buildup may occur in the hose. Replace hose or clean it.

**Note:** Although Adagio Water Features 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.