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WATER WONDERS®

Serrano Horizontal Instruction Manual

Welcome to the Bluworld/Water Wonders family. A few simple steps will ensure that your Serrano Water Feature remains a soothing, enjoyable fountain that brings the sight and soothing sounds of falling water to you.

Tools Required:

Level
Pencil
Phillips Screwdriver
Measuring Tape

Parts List:

A. 1 x Idra Pump
B. 5 x EZ Anchors
C. 1 x Pair of 10 Watt Halogen Submersible Lights
D. 1 x Transformer for Submersible Light
E. 2 x Sets of Colored Light Covers
F. 1 x Mounting Bracket
G.1 x Splash Guard
H. EVA Pads

A.

B.

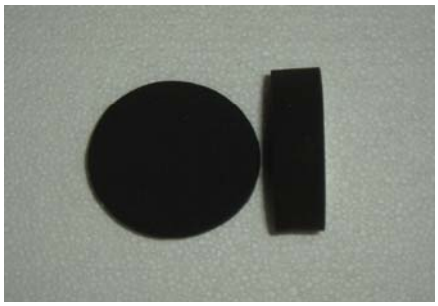
C.

D.

E.

F.

G.



H.

Assembly:

1. Decide where you want to install your fountain.

It is critical that your waterfall is level as this will ensure even water flow.

a. Because of the relatively light weight nature of your new fountain, it is not necessary to mount it directly into wall studs.

b. Mount indoors only and in a place that is not in direct sunlight.

c. We recommend you install your waterfall above an electrical outlet. A Ground Fault Interrupt (GFI) outlet with an internal circuit breaker is preferred.

2. Marking The Waterfall Location

a. Locate your Level.

b. Draw a line on the wall indicating the top of the waterfall. See Fig 2.A. Measure from the line down approximately 10 ½ inches and draw another line to indicate the bottom of the wall bracket. See Fig 2.B Using a level, hold the Mounting Bracket (F) to the wall with the top angled towards you. Mark both mounting holes on the wall. Remember to double-check your measurements. See Fig 2.C & 2.D

Fig. 2.A

Fig. 2.B

Fg. 2.C

Fig. 2.D

3. Mounting the Wall Bracket

a. To install the 5 x EZ Ancors™ (B) , Gently tap or press the tip into the drywall and slowly screw the anchors into the wall. See Fig 2.A. Make sure the flat side of the anchor is flush with the wall. Do not over-tighten the anchors as this will render them ineffective, as well as damage the drywall. If you encounter a wall stud while installing an EZ Ancor™ (B) , use the mounting screw without the anchor. See Fig 2.B When using anchors, you must use the provided EZ Ancors™ (B). Each EZ Ancor™ (B) has a weight capacity of up to 50 pound. Plastic anchors are not an acceptable substitute.

b. Install the Mounting Bracket using the 5 x 1" screws provided. Correctly installed wall bracket see Fig 2.C.

Fig. 3.A

Fig. 3.B

Fig. 3.C

4. Installing and Operating The Waterfall

a. Unwind the Pump (A) and light cords (C&D) and run the wire for the light (C) up and over the back of the resvoir from behind the mirror. Fig 3.A. Place EVA (H)pads behind the fountain on the lower left and right hand side of the fountain. See Fig 4.B and 4.C. Lift your waterfall into place and engage the brackets (F) by lowering it onto the Wall Bracket (F).

Fig. 4.A

Fig. 4.B

Fig. 4.C

b. Install the splash guard (G) by sliding it into place as shown in the illustration below. See Fig 4.D & 4.E.

Fig. 4.D

Fig. 4.E

c. After mounting your Serrano to the wall, fill with water. Note: Water level must be maintained at least 1/2" above the pump (A). If water level drops below the pump, damage may occur.

d. After filling the fountain with water, plug pump into the wall. As water begins to flow down the surface, guide the water with your hand or use a non-abrasive sponge until the water flows evenly over the entire waterfall surface. It may take a few minutes for the water to cover the entire waterfall surface. See Fig 4.F

e. To adjust water-flow, simply turn the valve located inside the base to create the desired water-flow effect.

f. Install Rock Tray amd Header. See Fig 4.G & 4.H.

Fig. 4.F

Fig. 4.G

Fig. 4.H

5. Light Operating Instructions:

a. Locate the light transformer (D) and the light wire lead. Plug in light wire (C) to transformer (D). See Fig 5.A - 5.C.

Fig. 5.A

Fig. 5.B

Fig. 5.C

b. If you would like to use a different color lens (E), see illustration. See Fig 5.D - 5. G

Fig. 5.D

Fig. 5.E

Fig. 5.F

Fig. 5.G

C. To replace the 10 Watt light, see figure 5.H- 5.J

Fig. 5.H

Fig. 5.I

Fig. 5.J

6. Pump Maintenance

To clean your pump (A), simply remove the intake pre-chamber off as shown in the illustration. Installation is reverse of removal. Make sure there is no debris caught inside. Reassemble and reinstall. See Figure 6.A-6.D

Maintenance Guide

By following some simple care and maintenance guidelines listed below, you can ensure that your water feature will give you years of reliable service.

Water Maintenance

Throughout the world, our water sources vary greatly in terms of its mineral content. If you have hard water, this means that the mineral content is very high. In this case, you must pay extra attention to the care of your fountain as hard water can create calcium deposits which can hinder the performance of your water feature.

Below you will find a recommended maintenance checklist. By following this simple maintenance checklist, you can ensure that your new water feature will function reliably for many years. Since water sources vary in mineral content, frequency of maintenance will vary. For the first few months, it is important that you monitor your waterfall for any signs of mineral deposits and adjust your maintenance intervals accordingly. It is highly recommended that you use distilled water when filling your water feature as this can reduce maintenance intervals.

Remember to unplug your waterfall before conducting any maintenance

Recommended Hours of Operation: We recommend that you allow your water feature to operate 24 hours a day.

Reservoir: Clean the inside of the reservoir thoroughly with a cloth every six months or as needed.

Distribution Bar: Should be removed, inspected, and cleaned every six months or as needed.

Glass: It is recommended that you wash the glass at least once every two weeks.

Change/Add Water: It is highly recommended that you add distilled water to the reservoir as needed. If you choose not to use distilled water, using Fountec™ a totally organic algae removing and preventative additive, in conjunction with Protec™, an all natural mineral deposit preventative additive, together will keep your waterfall running clean. For your convenience, we offer both of these products and they are readily available. Please contact our friendly service department for more details.

Safety It is always recommended that all Bluworld waterfalls use a surge protector or a Ground Fault Circuit Interrupter GFCI.

If you have any questions regarding the set-up or maintenance of your fountain please call our customer service department at 407-426-7674.

Attention

New Warranty in effect as of August 1, 2008

Bluworld's Warranty has changed as of August 1, 2008 and supersedes all previous warranties for product purchased after August 1, 2008. If there is printed material within this shipment it is considered void and the Warranty as stated below is policy.

Bluworld product is warranted against defects that render it unfit for its reasonably intended use. This Warranty is not extended to cover use of the product for a purpose other than as intended, and if the product is used unreasonably, or for purposes other than as intended, or if it is altered, modified or repaired by a party other than Bluworld, then the Warranty shall be null and void. The Warranty is in effect for a period of six months beginning from the date of sale to the original retail purchaser and the rights under this Warranty are limited to the original retail purchaser. Bluworld will, upon written notification thereof, take commercially reasonable steps to correct such defects (see "manufacturers defects below"), at Bluworld's sole option, by suitable repair, replacement, or refund. THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY IMPLIED WARRANTYOF MERCHANTABILITY, FITNES FOR A PARTICULAR PURPOSE, OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESS OR IMPLIED, EXCEPT FOR THE WARRANTY OF TITLE AGAINST PATENT INFRINGEMENT. Corrections of nonconformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Bluworld to any Dealer with respect to the goods, whether based on contract, negligence, and strict tort or otherwise. Bluworld contract sales personnel, including but not limited to authorized Dealers and Resellers (collectively, "Sales Personnel"), are not authorized to make warranties about Bluworld merchandise. ORAL STATEMENTS DO NOT CONSTITUTE WARRANTIES. Oral statements made by Bluworld employees or other Sales Personnel shall not be relied upon by a Dealer and shall not become part of any contract for sale. The entire sales contract between a Dealer and Bluworld will be set forth in the invoice and/or accompanying or reference documents provided by Bluworld to the Dealer or Sales Personnel. No other warranties are given beyond those set forth in those documents. Please be aware that you may have valuable rights under the state law in which you reside. Some of the provisions of this Warranty may be prohibited by your state law in which case your state law will govern and control. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Our products are warranted for a period of six months against defects in finish, pumps and other product performance issues. Light bulbs are not warranted. Our experience has shown that in practically 100% of incidents that any defect is apparent within a week of installation and use. Appearance defects should be noticed upon unpacking the fountain. We have found that finishes have 'failed' due to poor maintenance, local water conditions with minerals affecting the finish, attempts to clean with harsh chemicals or abrasive pads being used. Performance of water flow, spitting, and other 'leaks', are usually caused by debris getting into the fountain, buildup of minerals, algae from poor water or lack of maintenance. Pumps can also fail due to water levels not being maintained in the reservoir and this is not covered by the warranty.

Manufacturers Defect defined - A distinct and obvious flaw in the manufacturing of the product that inhibits the product's ability to function properly or a distinct and obvious flaw in the workmanship of the product that affects its physical appearance. Bluworld water features are manufactured under generally accepted manufacturing techniques as recognized by the International Organization of Standardization. Our products are hand made and hand finished thus minor scratches in materials within accepted ranges are not considered defects.

Slate- Many of our products contain natural slate. Slate can vary to a large degree and that individuality is what is considered to be unique and inherent to the beauty of the natural product as no two are exactly alike. Photos in our marketing materials are representative of our slate products but should not be relied on to duplicate the photo. We use natural mined slate in our products. Personal taste in the appearance of slate is not considered a reason for a return.

Mirrors-We use tempered mirror in our water features for safety reasons and the process of tempering the mirror may cause the mirrors not to reflect images in the same manner of a non-tempered mirror which is designed to reflect images in their true form. When water is flowing over our tempered mirror surfaces, these slight differences are not noticeable and this is not considered a reason for a return.

Copper- Since we have numerous products manufactured with natural pure copper it is important to note that we do protect the copper with a clear heat-baked on powder coat material. This material should last for a minimum of one year but water conditions may affect the length of protection it will afford to the copper. Copper oxidizes differently than other metals and personal tastes differ as to an individual's perception of it. It may oxidize as a green oxidation or rose colored blush. You can minimize this by wiping down the oxidation and then applying wax or Pledge™ to that area. This condition is not a reason for a return or warranty claim.