

# BERNINI<sup>TM</sup>

F O U N T A I N S



## CALCATA FOUNTAIN

Owner's Manual

# BERNINI<sup>TM</sup>

F O U N T A I N S

## **PLEASE READ FIRST BEFORE RETURNING**

**Please call us for assistance at 1+ (619) 449-2392  
or email us at [customer care@berninifountains.com](mailto:customer care@berninifountains.com)**

**Our Customer Care Department is available:**

**Monday - Friday 8:30am to 4:00pm PST, 11:30am to 7:00pm EST**

If you have any questions regarding assembly, parts, or operation, please visit our website at [www.berninifountains.com](http://www.berninifountains.com). You will find instructional videos on how to assemble and operate your fountain, and keeps you up to date on our newest products.

This product comes with a one year limited warranty against materials and workmanship.

**Please review the list of accessories included with your Bernini<sup>TM</sup> Fountain on the next page. Please note, images of parts are not to scale with one another.**

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# Parts to your new Bernini™ Fountain:



Large Bowl



Plate



Electrical Plug



Base



Connection Port  
Compartment  
Door



Fountain Tier with  
Water Tubes



Water Pumps X3



Leveling Shim



Connection 3-Port  
Cord Splitter



Connection Port



Power Cords &  
Plugs

# Step 1:

## Base & Large Bowl

You will need:



Base

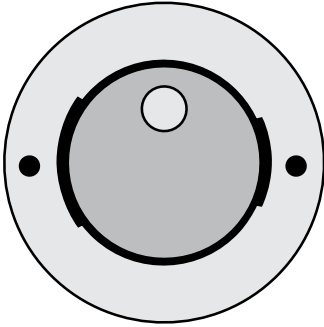


Large Bowl

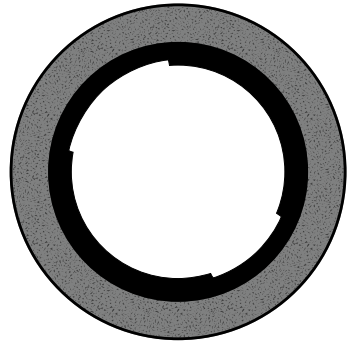


# Bowl Locking System

A look at how the bowl locking system works on your Fountain.



**Bottom of large bowl**



**Top of base**

**Note:** You will notice that there are two different sized tabs on the bottom of the Large Bowl and there are two corresponding grooves in the top of the Base. These tabs fit together and lock when turned clockwise.



**Step 1:** Make sure to place the Base of your Fountain on a flat, firm surface.



**Step 2:** Apply downward pressure by stepping on the edge of the Base to prevent it from turning.

Align and connect the Large Bowl to the Base.



**Step 3:** Turn the Large Bowl a quarter turn clockwise to lock it into place.





At this point, your fountain should look like the image below. Go to the next page for the next step to setup your new Bernini™ Fountain.



# Step 2:

## Fountain Bowl Installation

You will need:



Assembled Base  
& Large Bowl



Plate



Fountain Tier with  
Water Tubes

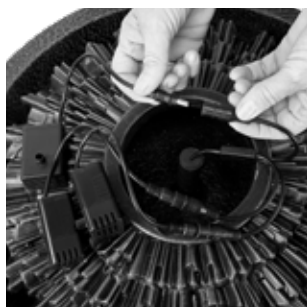






In the next step you will be installing the plate and fountain tier with Water Tubes onto the top of the Large Bowl.

**Step 1:** Feed the Water Pump cord down the pipe. The cord will be connected to the Connection Port at a later step.



**Step 2:** If the cables slip out of the rubber stopper, you can press the cables into the slot in the side of the rubber stopper. Maneuver the cord to fit snugly inside the hole that is located in the center of the rubber stopper.

***If you are having trouble pressing the plug into the pipe, you can rub a small amount of soapy water on the plug to help it slide into place.***

**Step 3:** Plug the three (3) pumps to the three (3) ends of the power cords (To ensure that you have a good seal, make sure the plug fits snugly as pictured above).

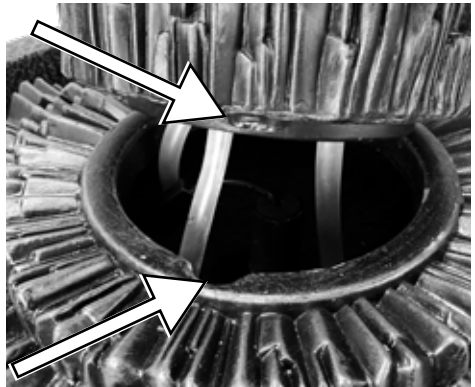
**Step 4:** Connect the three (3) rubber tubes from the Fountain Tier with Water Tubes to the three (3) pumps.

**NOTE:** If the 3 tubes are stiff or difficult to work with submerge them in not water for a few minutes this will make them more pliable.





**Step 5:** Place Water Pumps into Large Bowl ensuring they sit on the bottom of the bowl (for water flow).



**Step 6:** Align notch of top tier with notch cutout on Fountain Plater.



At this point, your Fountain should look like the image on the left. Go to the next page for the next step to setup your new Bernini™ Fountain.



# Step 3:

## Plugging In The Fountain

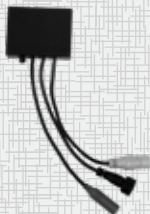
You will need:



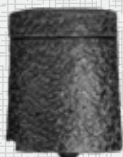
Fountain  
assembled



Electrical Plug



Connection Port



Connection Port  
Door



Power Cords &  
Plugs



## Plugging In The Fountain



**Step 1:** In the open Fountain Base, you will see two cords hanging down that you must connect to the Connection Port.

**If you do not see the two cables inside the Fountain Base,** reach up into the Fountain Base and gently pull them down until they are hanging inside the Base Compartment.

**NOTE: USE CAUTION WHEN REACHING FOR CABLES AND PLACING CONNECTION PORT INSIDE THE FOUNTAIN BASE, DUE TO THE MANUFACTURING PROCESS THERE MIGHT BE SHARP EDGES.**



**Step 2:** Using the cords from inside the Fountain Base and the cords from the Connection Port, connect the color coded cords to their corresponding connectors.

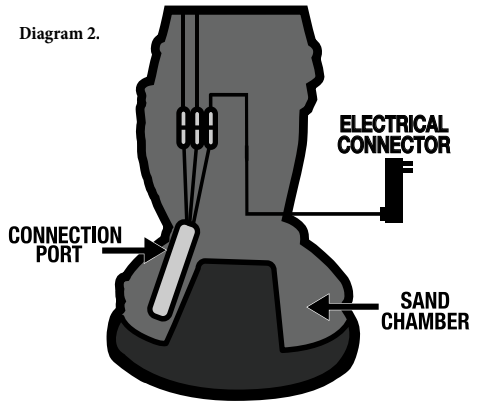
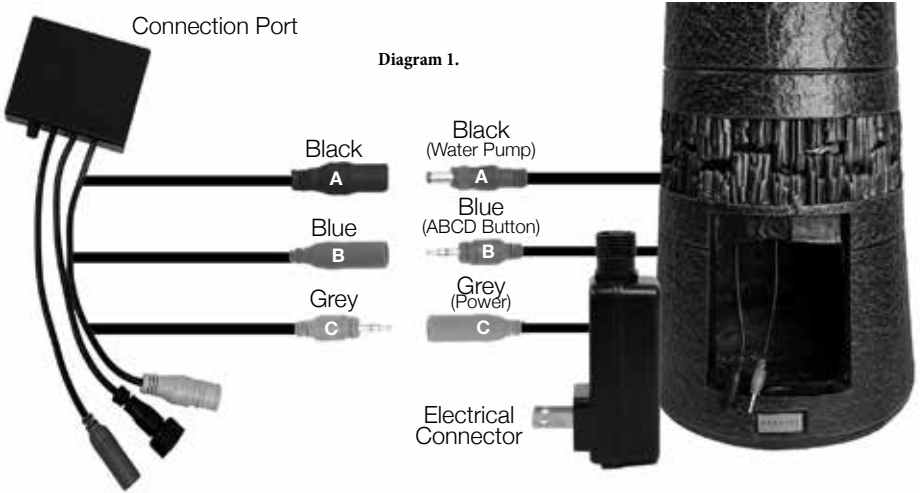
Use Diagram 1 for a more in depth explanation on connecting the Electrical Connector.



**Step 3:** Place your Connection Port inside the designated angled area located at the back of your Fountain Base. (Diagram 2)



# Plugging In The Fountain (Cont.)



**Step 4:** Ensuring that the three prongs on the Power Cord and the three holes on the Electrical Plug are lined up, screw together the Power Cord and the Electrical Plug, and then plug into any electrical outlet of your choice.



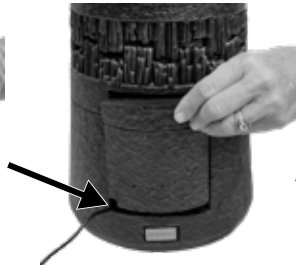
## Inserting the Fountain Base Door

After you have connected the cables inside your Fountain to the Connection Port, you should then place the Fountain Base Door on the Base of the Fountain.

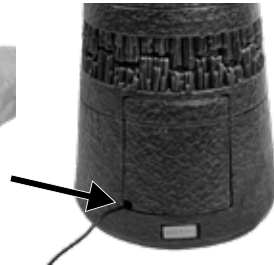
**NOTE:** Ensure the Power Cord is placed in the notch on the Fountain Base Door (arrow) prior to closing. Make sure not to pinch the cord.



**Step 1:** Start by lining up the notch on the bottom of the Fountain Base Door with the notch in the bottom of the Fountain Base opening.

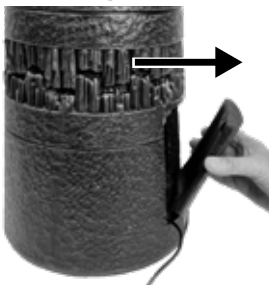


**Step 2:** Push the Fountain Base Door in toward the Fountain Base. You will know it is in position when the magnet locks the door in place.

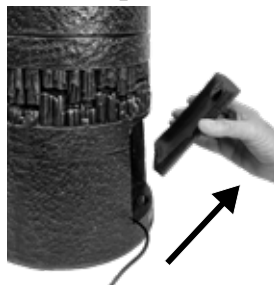


Once the Fountain Base Door is in place, you may notice a small notch in the bottom left corner of the Fountain Base Door. This is for the Power Cord.

## Removing the Fountain Compartment Door



**Step 1:** Carefully disconnect the Fountain Base Door from the Fountain Base by gently pulling outward from the top.



**Step 2:** Then, pull the Fountain Base Door up and out to remove from the Fountain Base.



**DO NOT OVER EXTEND THE FOUNTAIN BASE DOOR BY PULLING DOWN!**

This may cause damage to your new Bernini™ Fountain.



At this point, your fountain should look like the image on the left. Go to the next page for the next step to setup your new Bernini™ Fountain.



# Step 4:

## Setting Up Your Fountain

You will need:



Water To  
Fill Your  
Fountain

Fountain Assembled



## Fill Your Fountain

Fill the Fountain Tier until water pours over the spouts. Then fill the Large Bowl until the water is about 1 inch (2.5 centimeters) from the top of the bowl.

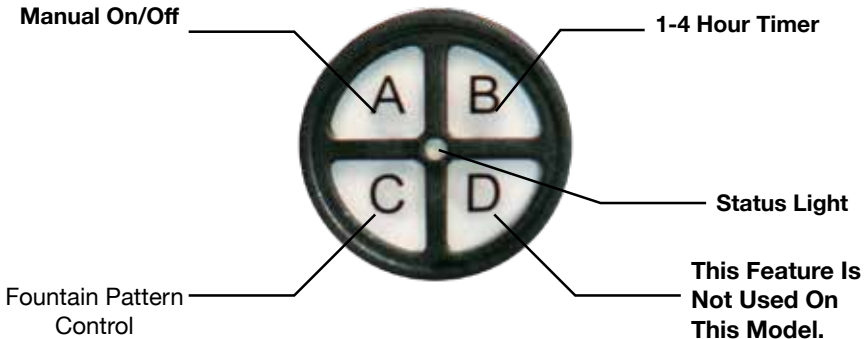
After you have filled your Fountain, grab both sides of the Large Bowl and quickly shake your Fountain for ten seconds. This is to dislodge any air bubbles that may be caught in your Water Pump. Press the C button once to turn your Fountain on. Water should be flowing from the top of your fountain. If water is not flowing, press the C button once more to turn your Fountain off, and repeat the step above.

### IF YOUR FOUNTAIN IS MAKING A LOUD NOISE, DON'T PANIC!

This just means that there are air bubbles stuck in the Water Pump. Your pump will not be harmed and you can easily fix this issue. You can try priming the Fountain again by repeating the steps above however, if the problem still persists, refer to the “Priming The Water Pump” section of this manual for instructions on how to prime the Water Pump.

## Operating Your Fountain

The on-board control panel is located towards the top of the base, just below the Large Bowl. See the diagram below to see how the all-new on-board controls work for your Bernini™ Fountain.



BUTTON	DESCRIPTION
A (Manual On/Off)	Turns the fountain on and off without any timer. Can be used when extended run times are desired. <b>Note:</b> Fountain will run until the battery loses its charge.





BUTTON	DESCRIPTION
<p><b>B (1-4 Hour Timer)</b></p>	<p>Runs the fountain for 1-4 hours with automatic shut off.</p> <p><b>One hour operation:</b> press the A button once for your fountain to turn on with an automatic shut-off after one hour of operation.</p> <p><b>Two hour operation:</b> press the A button twice and your fountain will automatically shut-off after two hours of operation.</p> <p><b>Three hour operation:</b> press the B button three times and your fountain will automatically shut-off after three hours of operation and repeat daily at the same time.</p> <p><b>Four hour operation:</b> press the B button four times and your fountain will automatically shut-off after four hours of operation and repeat daily at the same time.</p> <p><b>How To Use This Function:</b></p> <ol style="list-style-type: none"> <li>1. Select the amount of time you would like the fountain to run by pressing the B button one, two, three or four times.</li> <li>2. Your fountain will then run for the selected amount of time and at the end of the selected duration it will automatically turn off. Then your fountain will automatically turn on at the same time the next day for the run time duration you selected.</li> <li>3. At the end of the desired interval, your fountain will automatically turn off.</li> </ol>

BUTTON	DESCRIPTION
<p><b>C (Fountain Pattern Control)</b></p>	<p>Push the button to scroll through the 5 different water show patterns.</p> <p><b>How To Use This Function:</b></p> <ol style="list-style-type: none"> <li>1. All pumps on full power.</li> <li>2. All pumps on half power.</li> <li>3. Random Dancing Water actions.</li> <li>4. Random Dancing Water actions.</li> <li>5. Random Dancing Water actions.</li> </ol> <p><b>Example:</b> If you want to set the pattern number 3 in your fountain just click the C button 3 times.</p>
<p><b>D</b></p>	<p>This feature is not used on this model.</p>
<p>Status Light</p>	<p>Status light will blink for the number hours you have selected when using the timer functions (buttons A and B).</p>





You can now try your Bernini™ Fountain to see if everything is working correctly! Turn your Fountain on and if you see water flowing from the outlet in the middle of the Fountain Tier, go to the next page and select one of the many decorative options for your fountain. **If water is not flowing, refer to the “Priming The Water Pump” section of this manual for instructions on how to prime the Water Pump.**

## Troubleshooting and Maintenance

### Cleaning your Fountain

In order to keep your Fountain in tip-top shape and free of algae, you should clean your Fountain every two months. To clean your Fountain, drain of all water and disassemble. Use a mild soap and a soft cloth to clean the parts of your Bernini™ Fountain. Your Fountain Bowl will form a natural patina finish which with time may appear lighter or whiter than the original color. This is normal. **DO NOT SCRUB YOUR FOUNTAIN, AS THIS COULD CAUSE DAMAGE TO THE FINISH OF YOUR BERNINI™ FOUNTAIN.**

### Cold Storage

Drain the water from fountain prior to the first freeze of the season. Clean and dry the fountain of all water. Remove the Connection Port and Water Pumps and bring it indoors. (Now is a great time to clean the pumps to remove any debris that may have accumulated throughout the year) Store in a warm dry area.



# Cleaning the Water Pump's Parts

## Water Pump Air Filters

After about six weeks of usage, you may want to clean the Water Pump's filter and impeller to keep your Bernini™ Fountain in tip-top shape.



Begin by disconnecting the pump from the Fountain Tier.

**Step 1:** Remove the front of the Water Pump by grabbing the sides of the front panel and pull it off the unit.



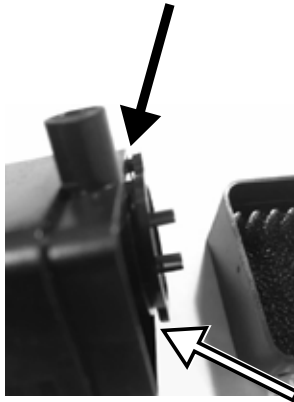
**Step 2:** Pull the water pump filter from the front panel.



**Step 3:** Wash the filters under running water until debris has been removed. Then replace the filters and pump's front cover.

## Water Pump Impeller

The impeller inside of the Water Pump is what pushes water up through your fountain, allowing you to enjoy the soothing sounds and wonderful sights of your Bernini™ Fountain. After long periods of usage, this part will need to be cleaned to make sure your fountain runs optimally.



**Please Note:** If pump is bubbling and or water is not flowing or not flowing properly, check that the water pump impeller chamber cover is pressed on all the way.



**Step 1:** Remove the front of the Water Pump by grabbing the sides of the front panel and pull it off the unit.



**Step 2:** Remove the impeller chamber cover. This is tightly fitted on to the impeller chamber, but will come off.



**Step 3:** Remove the impeller from its chamber.



**Step 4:** Rinse the impeller until all debris has been removed. Then replace the impeller in the impeller chamber, put the impeller chamber back on and then replace the pump's front panel.



# Is your fountain making a loud noise or do you not see water flowing?

## Try Priming the Water Pump(s)

If you find the water pump(s) is running, but water is not flowing from your fountain, or you hear a loud grinding noise coming from your fountain, not to worry, you can try priming the water pump(s):

Begin by turning your fountain off. Firmly grasp onto the two sides of the large bowl. Agitate the water by quickly shaking the fountain back and forth for about five seconds. Stabilize your fountain and press the C Button to turn your fountain On.

If the problem still persists, repeat previous step 2 - 3 times. This helps dislodge any air bubbles in your pump(s) that may be causing the problem.

**If the problem still persists, try the method below:**

**Before beginning, remove any decorative tops from the fountain tier.**

Remove the fountain tier by turning the bowl a quarter turn counter clockwise and then lift. You can now rest the fountain tier carefully on the bowl of the fountain.

Now detach the water pump(s) from the feeder tubes inside the fountain tier.

**When removing the water pump(s), use caution when pulling the pump(s) from the feeder tube. Pinch the bottom of the feeder tube close to the pump(s) with one hand and then pull the water pump(s) from the feeder tube with your other hand.**



**Step 1:** Submerge the Water Pump(s) into the water inside the Large Bowl and lightly shake the pump(s) underwater to release air bubbles inside the vents on the Water Pump(s).



**Step 2:** Turn the Fountain on and you should see water flowing from the pump(s). Let the pump(s) run for about ten seconds and then turn your Fountain off.



**Step 3:** Reconnect the Water Pump(s) to the feeder tube inside the fountain bowl and reattach the Fountain Tier to the Large Bowl.



## Using Leveling Shims

If you are having trouble getting water to flow evenly off of the spouts on your Bernini™ Fountain, you may need to level the surface that your Fountain was placed on. With the included leveling shims, you do not need to move your Fountain, just follow the instructions below to get even water flow.



Place the shim underneath the base on the opposite side that is not flowing as strongly as the other sides.



Once the fountain is flowing equally on all sides, then grasp the shim and break it on the crease closest to the end of the base.



Once the shim is broken, it will be hidden but will level your fountain.

## Weighing Down Your Fountain

**Do you happen to live in an area with strong winds? You can secure your fountain from possibly falling by using the weighted chamber inside the Fountain Base.**

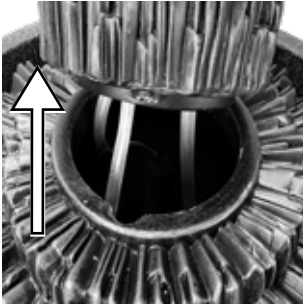
Note: Do not put sand on top of the Connection Port. Remove Connection Port prior to adding sand.

Simply add several scoops of sand to the chamber in the bottom of the Fountain Base. Even with sand added to the Fountain Base, the Control Panel can safely sit atop the platform in the middle of the Fountain Base's chamber.



## Water Pump Connection

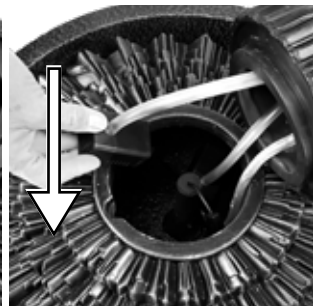
If your Water Pumps becomes disconnected for any reason from the Water Tubes inside of the Fountain Tier use these instructions to reconnect your Water Pumps.



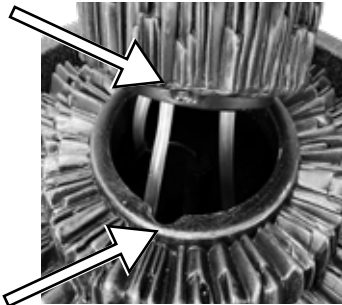
**Step 1:** Lift off the Fountain Tier and Water Tubes.



**Step 2:** Check the connection of the 3 Water Pump and tubes and reconnect any Water Pumps and Tubes that may have become disconnected.



**Step 3:** Ensure that all of the water pumps are placed back into the Large Fountain and are fully submerged under the water.



**Step 4:** Align notch of the top tier with notch cutout on the Fountain Plate.



# Troubleshooting Guide

PROBLEM	SOLUTION
<b>Fountain Is Not Working or Suddenly Stops</b>	Check that all connections are properly connected.
	Pump suddenly stops: Check pump is free of debris, kinks or obstructions. See Troubleshooting section.
<b>Pump not working</b>	Check that all connections are properly connected.
	Check that the connection port cables are secure.
<b>Water Not Flowing</b>	Prime Pump as instructed. (Refer to priming the water pump)
	Add Water
	Check to see that pump tubes are connected
	Check to see that the pump and pump tubes are clear of debris.
<b>Loud Pump</b>	Prime Pump as instructed. (Refer to priming the water pump).
	Check water level. Ensure pump free of debris.
<b>A/B/C/D Switch not working</b>	Make sure fountain is plugged into a working power outlet.
	Check that the connection port cables are secure. If secure disconnect Electrical Plug from the power outlet and reconnect.
<b>Fountain Settings not working</b>	Make sure fountain is plugged into a working power outlet.
	Check that the connection port cables are secure. If secure disconnect Electrical Plug from the power outlet and reconnect to clear settings.

PROBLEM	SOLUTION
<b>Water Not Flowing</b>	Check that all connections are properly connected.
	Make sure fountain is plugged into a working power outlet.
	Pump is on but no water flow: Check water level.
	Pump is on but no water flow: Check pump is free of debris, kinks or obstructions. See Troubleshooting section.
	Pump is on but no water flow: Check water tube is connected properly. See Base and Fountain Ball Installation Section 1.
<b>Low Water Flow</b>	Check that all connections are properly connected.
	Make sure fountain is plugged into a working power outlet.
	Pump has low water flow: Check water level.
	Pump is on but low water flow: pump is cavitating. See Priming The Water Pump Section.
<b>Loud Sound</b>	Loud sound and weak flow: Air in pump: See Priming The Water Pump Section.
	Loud sound and weak flow: Check pump is free of debris, kinks or obstructions. See Troubleshooting section.



# LIMITED ONE YEAR WARRANTY

This product has a one year limited warranty on all materials and workmanship. Bernini™ warrants the original purchaser of this product that the product will be free from manufacturing defects in workmanship and material for a period of one (1) year from the date of original purchase. If within one (1) year this product fails due to defect in material or workmanship, Bernini™ will repair, replace or supply any defective part at their option. The purchaser must contact Bernini™ and provide a description of the defective part, including digital pictures if requested, with this original purchase documentation as validation of warranty coverage.

This warranty does not cover or apply to: (a) damage to the product due to misuse, mishandling, and abuse, (b) products not used in accordance with instructions, (c) product not assembled or installed according to instructions, and (d) normal wear and tear.

Call us for assistance at 1+ (619) 449-2392 or you can email us at:  
customer@berninifountains.com  
Our Customer Care Department is available:  
Monday - Friday 8:30am to 4:00pm PST / 11:30am - 7:00pm EST

## IMPORTANT ELECTRICAL SAFETY INSTRUCTIONS

**PROPOSITION 65 WARNING:** This product can expose you to chemicals including lead and lead compounds which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**WARNING:** When using electric devices, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

**B E R N I N I**<sup>TM</sup>  
F O U N T A I N S

Santee, California 92071

World Wide Patents Pending

Email: [customer@berninifountains.com](mailto:customer@berninifountains.com)

On the web: [www.berninifountains.com](http://www.berninifountains.com)

Facebook & Pinterest: Bernini Fountain Company

Instagram: @berninifountains Twitter: @yrdllc

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Made in China  
Designed in the USA

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