



Triple Spillway Bowl Fountain Kit Installation Manual



Blue Thumb

For use with Brass Kit #ABBTB3K

Thank you for choosing our Brass Patina Triple Spillway Fountain Kit!



This kit comes complete with everything you need for an easy installation. Please read carefully and when directed please reference specific product manuals for detailed product installation guidance, and you'll have your fountain running in no time!

Included in your Spillway Kit:

- 18", 24" and 28" Dia. Brass Patina Spillway Bowls
- 12"H and 6"H Matching Pedestals
- 48" AquaBox Achelous Basin with pre-drilled Grate for easy installation
- 1,300 gph Mag-drive Pump
- 1" Kink-free Hose with plumbing connectors
- 12" x 12" Anti-splash Mat
- 5 bags Polished Pebbles
- Plastic Shims

STEP 1

Choose Basin Location

1a Locate your fountain near your preferred viewing area where both water and electricity services are accessible.

1b Clear the area and prepare to excavate by tracing the fountain basin using marking paint.

Be certain to avoid underground utilities.

If uncertain call your utility company or Miss Dig.

STEP 2

Excavation of Basin Area

Using a shovel dig 90 degrees into the ground, slightly wider and just as deep as the fountain basin making sure to remove any sharp rocks or roots.

NOTE: If installing a splash apron, make sure the basin is about 2" below grade, allowing you to slope the surrounding terrain toward the basin.

STEP 3

Determine Fountain Placement

Consider placement of the fountains. These basin grates have been pre-drilled for best plumbing and pump access ease. Place the fountains in the direction for best viewing, while providing easy access to an electric source for both the pump access in the grate, and the auto-fill spinweld located on the side of the basin. Turn basin to align these elements before backfilling.



STEP 4

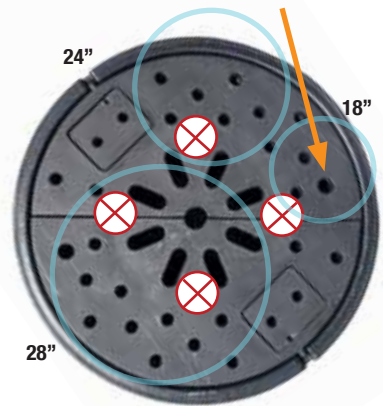
Fountain Position on Grate Overview

⊗ Notice that the two halves of the installed grate should meet over a set of support columns for greatest strength. An additional PVC center support is included for even more added stability.

NOTE: The larger hole noted at right is where the 18" bowl on the 12" high pedestal will sit. Water will be pumped up to this highest point and spill down into the 24" bowl on the 6" high pedestal, then down to the 28" bowl, and back into the basin to recirculate.

The bowls will need to be placed close together so the spouts can direct the flow as you choose.

Molded larger hole in grate for hose from the 18" spillway bowl to attach to pump



⊗ = Location of support columns

STEP 5

Position & Backfill Basin

Place the basin within the hole. Make sure the pump opening in the grate is orientated near electrical service. Using a 2 - 4 ft. level ensure the fountain basin remains level side to side.

Once the fountain basin is level, carefully back fill using excavated soil. Tamping the soil tightly around the basin to prevent shifting.

Consider adding water to the basin at this time to complete the stabilization of the basin and save time during the installation process.



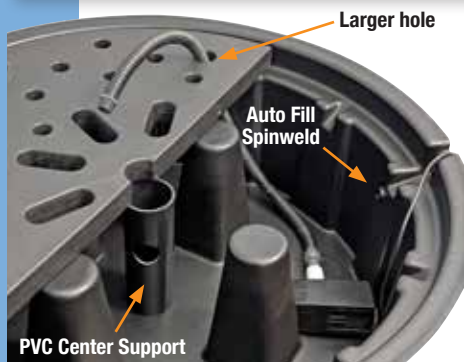


Optional Auto Fill Kit Install

If a Blue Thumb Elite Auto Fill Kit is being incorporated, you may bury your water supply line and make any Auto Fill connections at this time.



Kit Item: #ABDAUTO



STEP 6

Basin Set-up

We have a newly designed basin with a larger hole specifically designed for our brass bowl spillway fountains.

Place PVC Center Support in the center of the basin for added strength, then place both grates.

Take notice of the pump placement for the following instructions. These steps may show a different basin grate, however the process is the same.



7a



7b



7c

STEP 7

Fountain Plumbing

7a Attach 1½" intake connector assembly to the inlet in the center of the bottom of the 18" Spillway Bowl.

The second inlet is capped with a threaded plug inside the vessel. It may be used for internal lighting, if desired.

7b Attach hose to the intake connector assembly.

7c Feed the other end of the hose through the 12" tall base that the 18" bowl will sit on, then through the designated hole in the grate and into the reservoir/basin. (See Page 3.)

Make sure the plumbing has no kinks or twists, which will cause a reduction in water flow, and possibly no flow at all.

Notice that this is the only hose for this triple fountain. The rest of this beautiful waterfall flow happens with the spillway placement and adjustment.

STEP 8

Pump Plumbing

8a Attach discharge assembly connector to the pump.

8b Grab the connected hose from inside the reservoir/basin and attach to the pump discharge assembly connector.

8c Set pump and hose in the basin. The fountain pump will be located beneath the pump access panel and inside the fountain basin. Keep the pump positioned as close to the pump access opening as possible for best accessibility. This pump can be installed on its side, it will run in either position.



Note: Keep power cord outside the basin and away from water. The power cord will pass through the notch on the pump access cover.



If you chose to add lighting, shown on page 7, install lights as you place each fountain.

STEP 9

Place Fountains

A Place the 24" fountain bowl on the 6" tall base so that the tallest 18" bowl spout flows completely into it.

B Then place the 28" bowl under the 24" bowl spout. Choose the direction of this flow toward the smaller bowl (see cover image) or away from it (see photo on page 2).

C Place the Anti-Splash Mat. The 28" bowl should flow onto to the anti-splash mat and back into the basin. Keep clear of rocks and clean from debris. Splash should be kept to a minimum to avoid excessive refilling.



NOTE: Normal evaporation is about 1-2" weekly, however, that is dependent on your region. Many factors including humidity, rainfall, wind, and splash will determine exactly how frequently you need to refill.



STEP 10

Adjust and Level Placement

It is recommended to slope the bowls slightly toward the spillway openings. Level Spillway Bowls to help direct water flow by adding plastic shims where needed to adjust leveling and flow.



STEP 11

Fill and Test

If you haven't already added water to the fountain basin, use a garden hose to add water until the basin is filled to the bottom of the basin covers.

Plug in the pump cord to test your fountain.

Step 12

Landscape Finish

Cover your basin with Polished Pebbles and surround with your favorite foliage. Avoid placing soil or bark on the grate because it may fall through the screen into the basin and affect water flow.

ENJOY!

Grab your favorite beverage, sit back, relax, and enjoy your new fountain!

We'd love for you to share your new fountain with us and future customers on our social media platforms!



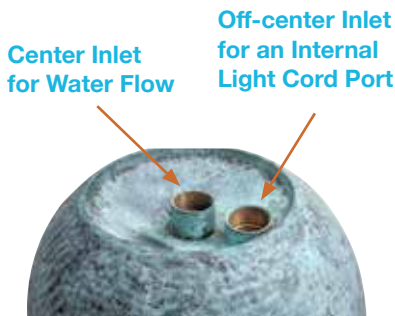
Kit Tips:

- Plumber's tape or silicone (not included) can be used to provide a watertight connection.
- These bowls have a patina finish that will naturally evolve in coloration. The finish requires no maintenance, but upon occasion you may want to clean it with detergent and a soft cloth, do not use an abrasive.
- These Spillways are designed to produce a vertical sheer with little projection. The spillway lip should protrude far enough over the catch basin to keep the water within the system's flow.

Lighting Options

Internal Lighting Add-on

Patina Spillway Bowls feature dual inlets in the base of the spillway bowls. The center one is typically used for as a water inlet, the off-center can be capped or used for lighting with a proper watertight light assembly.



Overview of Optional Ring Lighting Install Item# PBRING + Item# PBSGSP



A On the inside of the bowl, drop the four-pin end of the light's power cord through the off-center inlet.



B Set the Ring Light cord into the cord notch on the threaded Plug. Push it to the top of the notch.



C Secure the plug in the inlet by screwing the plug into the inlet, making sure the cord stays in place in the plug notch.



D The Ring Light will fit over the threaded stand pipe that will screw into the center inlet.



E Push the Ring Light to the bottom of the stand pipe

See light kits for detailed instructions.

External Up-lighting Add-on

Our IllumiGlow® Fountain 3 Light Kit will bring your display center stage by illuminating the water flowing from the spillway in a warm white light, for a dramatic but soothing evening show.



Kit Item: #PB2897



Maintenance

General Fountain and System Maintenance

- Keep Anti-Splash Mat to clear of pebbles and remove debris by rinsing regularly to help prevent water loss due to splash.
- Fill evaporated water as necessary or consider installing an Auto Fill Kit #ABDAUTO.
- Add Muck Buster® #PB2682 every couple of weeks to the basin to ensure muck doesn't build-up over time and clog the pump. 3 tablets treat 500 gallons of water.
- If algae forms on your Spillway Bowls, use CrystalClear® Algae D-Solv® #PB2002 to quickly clear organic debris and remove odors. 1 ounce treats 360 gallons. You may also use a soft bristle brush to clean algae off of the bowls.
- It is OK to run pump continuously 24/7, or you may choose to connect it to a timer.



Auto Fill Kit
#ABDAUTO



Muck Buster®
#PB2682



Algae D-Solv®
#PB2002

Winterizing:

- If you live in a climate that experiences prolonged freezing conditions, we recommend removing the pump from the basin. Place the pump in a bucket of water and store it in a place that will not freeze.
- **Do not drain the basin during the winter months** - allow the water to freeze in the basin so that the ground doesn't cause the basin to rise or "pop up" from expansion of the freezing soil around it. Leave basin 50% full of water.
- Our Brass Spillway Bowls should be drained and protected to prevent freeze damage during winter months. They may be removed and stored, or covered with a patio furniture cover, to prevent re-filling from rain or snow melt.

Spring Start-Up:

- Once everything has thawed in the spring we recommend draining the water in the basin and replacing it with fresh, clean water. A wet/dry vacuum works well for removing water and accumulated debris.
- Reconnect the pump and plug it in.
- Add Muck Buster® to remove any remaining muck that was not able to be removed manually.

If you need replacement parts please contact us directly at **888-619-3474** or email us at **sales@bluethumbponds.com**.

Now, snap a picture of your completed waterfall and post it to our Facebook page at facebook.com/bluethumbinc!

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