



Water Fountain

Installation Instructions

NOTES: Please check for any damage caused by the shipping company and take appropriate steps to file a claim, if needed.

*Please call **Digsafe** and check for any underground utilities before digging anywhere.

Materials needed

Post hole digger, spade shovel, level, tape measure, 14mm wrench or socket, 60 lb bags of fast set concrete (not included). Concrete amounts can be easily calculated at <http://www.quikrete.com/Calculator/Main.asp>. Amount required depends on how deep you dig the hole.

NOTE: In cold climates, make sure to drain the system in preparation for winter. Unhook the line attached to your water source (spigot), open the valve on the spigot attached to the water fountain assembly, then remove the supply line attached to the water fountain bubbler. Blow the lines out using forced air (such as an air compressor) at the supply line that you removed from the water fountain bubbler. You could also pump the water out following the same procedure.

Instructions

1. Remove items from pallet or packaging. You should find one (1) wooden enclosure, one (1) Top Plate/Cover, one (1) stainless steel water fountain/bubbler, one (1) 2 way hose splitter w/ braided hose and PVC adapter attached, one (1) garden hose spigot with PCV pipe attached, and one (1) pack of PVC glue & primer (all shown in order below).



2. Before installing, the garden hose spigot with the PCV pipe needs to be attached. Remove the top plate/cover and the side of the enclosure referencing the image below.



3. Apply PVC primer around the end of the pipe that's attached to the garden hose spigot, followed by PVC glue. Then insert the end of the pipe through the hole and into the PVC tee as far as it will go as shown below.

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Note: Once the pipe with primer and glue is inserted into the PVC tee you won't be able to twist it, so make sure to orientate the spigot matching up the two screw holes in the spigot to the two predrilled holes through the enclosure.

4. Fasten the spigot to the enclosure with the two screws, then reattach the side of the enclosure and the top plate/cover that were removed in step 2. The stainless steel water fountain/bubbler will be attached after the enclosure is cemented in the ground to prevent any damage during installation.
5. Now you're ready to install the water fountain enclosure into the ground. Find the perfect location for the water fountain, then dig a 21 inch diameter hole, 4 feet deep (or whatever you determine is necessary).

Note: Keep in mind that you will also need a shallow trench leading from your water source to the water fountain, so you may want to dig this at the same time to make sure it all works together. We recommend a trench at least 12 inches deep. Also, at this time the two braided supply lines going in and out of the enclosure should be taped or zip tied up until they are connected to prevent debris from entering the lines.

6. Fill the bottom 6" of the hole with drainage stone (optional) then test fit the water fountain enclosure in the post hole and make any adjustments to the hole location and the length of the enclosure, so the enclosure is at the appropriate height and surrounded by equal amounts of concrete when poured. Enclosure is left intentionally long for areas that they need to extend below a frost depth.

Note: If you encounter immovable objects the enclosure can be trimmed so the grade mark ends up at finished grade.

7. Using a bubble level, check the level of the water fountain enclosure vertically by placing the level on two adjacent sides of the enclosure. Make any adjustments needed.
8. Once level and plumb, it is optional to hold this positioning by using strapping and stakes, but it is not required.
9. Holding the water fountain enclosure upright by hand or with strapping, fill 1/4 of the hole with fast setting concrete mix and add water per instructions on bag. Recheck to make sure water fountain enclosure is level and plumb, and make any adjustments.
10. Fill the rest of the hole with concrete per instructions on bag, stopping four inches below the grade line marked on the water fountain enclosure. Recheck to make sure enclosure is level and plumb periodically while concrete cures. Let cure for 2 hours.

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11. If you haven't already, now you'll run your hose or PVC pipe (recommended) from the 2 way hose splitter w/ braided hose and PVC adapter coming off your water supply to the PVC adapter and braided hose going into the water fountain enclosure.
12. Now you'll attach the stainless steel water fountain/bubbler. Slip the water fountain behind the hex screws and washers attached to the enclosure as shown below, then tighten the hex screw with a 14mm wrench or socket and connect the supply line coming out of the water fountain enclosure to the bubbler.



13. Turn the water on and check for leaks before backfilling. Once checked, backfill the trench and the hole and hand tamp good draining soil firmly to 3" below finished grade. Install top soil to finish grade and plant grass to fill in around the hole and over the trench.
14. All wood is treated with kid-friendly preservative, but as is the case with all wood facing the elements, it needs to be cared for, so check it periodically for rough spots, splinters, etc, and sand them out, and treat it with kid-friendly wood preservative (we have it available if you can't find it) once or twice a year to keep the wood from deteriorating.
15. Enjoy your Water Fountain!

