



## **Raised Sprayer**

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 (change as needed)**

Portable drill with Phillips head drive, small piece of paper or plastic to protect the post, staple gun, to temporarily fasten this material to the post, 4' piece of rebar to stir the concrete in the post hole, 1x3 x8' strapping (from each of 4 pieces of strapping, cut off a 12" piece and make a point on the ends of the 12" pieces to make stakes), and 12 sheetrock screws, Post hole shovel, level, tape measure, 80 lb bags of premixed 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: this is a water feature with a constant stream of water once it's turned on, so plan drainage accordingly. Some people have a concrete pad sloped to a drain, some people use peastone in a circle for drainage, some people mount it in a sand play area, etc.

We suggest you temporarily hook it up to a hose, and then turn on the water to see the spray pattern. Then design your drainage accordingly.

NOTE: if you have strong water pressure, and run the water full force through the sprayer, the spray goes several feet up into the air. This is why we suggest hooking the hose up to a spigot which will allow you to control the spray pattern. Alternatively, you could install a valve right on the spray post. If you do this, however, keep in mind that the kids will happily experiment!!!

NOTE: in cold climates, make sure to drain the system in preparation for winter. Unhook it from your spigot so at least the vertical column of water in the post will drain back out the hose, but there will still be water remaining in the hose that's underground. You could pump it out, or you can force air into the system to blow out all the water.

- 1) The hollow post is long enough to adjust the height for short or tall people. If necessary, you can cut the post shorter as long as there is a sufficient length to go into the ground to below the frost line.
- 2) Find the perfect location for the sprayer, and then dig a 12 inch diameter hole, 3 feet deep (or whatever you determine is necessary), into solid ground below your drainage medium.
- 3) Keep in mind that you will also need a shallow trench leading from your water source to the spray post, so you may want to dig this at the same time to make sure it all works together. If any soil drops into your hole while you're digging your trench, make sure to clean it out.
- 4) We recommend a trench at least 12 inches deep. Once the line is in place and hooked up to the sprayer, and everything looks good, you would then backfill the trench.

# **Raised Sprayer**

## installation instructions

- 5) The braided hose has a standard hose fitting on the end, so it may be connected to a garden hose. Alternatively, you can get a transition adapter that allows connection to a PVC line.
- 6) Drop the spray post into the hole, turning it as needed to align the hose with the trench.
- 7) Attach the strapping to at least two adjacent sides of the post, then grab at least two of the pointed stakes, and pound them in at the end of the strapping. Then use the level in both directions to plumb the post. Use the sheet rock screws to attach the strapping to the stakes to keep the post plumb.
- 8) Decide the finished height of the concrete, and mark that place on two sides of the post.
- 9) Mix concrete according to instructions, and pour around post up to your marks. Move the rebar up and down on all sides of the post in the concrete as it's being poured. This removes any bubbles and helps the concrete settle completely around the post. NOTE: try to avoid getting concrete on the exposed portions of the post. It's a bit unsightly and very difficult to remove. To avoid this issue, staple paper or plastic around the post, to be removed after you finish pouring the concrete.
- 10) Let concrete cure for a day, remove the strapping, and finish around the base of the post as desired.
- 11) The 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, then 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.

# **Raised Sprayer** installation instructions

