

# How to Set Up the Handwashing Station

## WHERE TO SET IT UP

- Table level or higher, so people can wash their hands in the water falling from the spigot.
- Is water falling on the ground at this location okay?
  - If it's indoors, probably not. Put a bucket on the floor to catch the water.

## SETTING IT UP: THE SPIGOT

- The spigot piece has 2 silicone washers, and a nut, on its screw-threaded stem.
- There is also a string tied to the spigot handle. Ignore that for now.
- Remove the nut, and one washer, from the spigot. Leave one washer on the spigot stem.
- Insert the spigot, from the outside, into the hole near the bottom of the bucket.
- Reach inside the bucket, slide one washer onto the stem, and push it close to the inside wall of the bucket.
- Screw the nut onto the stem, from inside the bucket.
- Tip: If you don't have wiggle room to fully tighten the nut from inside the bucket, hold the nut in place with one hand; and with the other hand on the outside, turn the spigot clockwise.
- Run the twine attached to the spigot straight up, over the first drapery hook, then over the second drapery hook.

## SETTING IT UP: KEEPING IT STABLE

- When the bucket is full, the water's weight keeps it stable.
- When the water runs low, the bucket can tip forward on the user.
- Two solutions:
  - Tie a cord from the bucket handle to something *behind* the bucket.
  - OR, Put something heavy on top.

## SETTING IT UP: THE FOOT PEDAL

- The front of the pedal needs to hang a few inches above the ground, with the back of the pedal on the ground.
  - Take a ~2-inch ring, made of cord, small zip-tie, or metal craft ring.
  - Tie the spigot twine, and the foot-pedal twine, through the ring with sliding friction-hitch knots like the Taut-Line Hitch, so the length can be adjusted to keep the foot-pedal just above the ground.
  - Knot instructions: <https://knots3d.com/en/taut-line-hitch-knot>

## READY FOR USE

- Fill the bucket with water. Put the lid on the bucket.
- Tie a bar of soap in a nylon stocking to the bucket handle.

## QUESTIONS? COMMENTS?

Instructions for making it at [Instructables.com](https://www.instructables.com/), search for "Merilee Karr"  
Merilee Karr, [phlush.org](https://phlush.org)

### **This Handwashing Station Kit includes**

- Bucket, one drilled hole near the bottom
- Bucket lid
- Foot-pedal, with twine tied to it
- Spigot, with twine tied to it
- Both the above are tied to a zip-tie ring, with sliding friction knots
- Bar of soap, in a nylon stocking
- Cord, for tying bucket handle to something behind the bucket
- These instructions