

# SYSTEMN RAIN BARREL

## INSTALLATION INSTRUCTIONS

### WHAT'S INCLUDED

- 1 SYSTEMN Rain Barrel
- 1 SYSTEMN Rain Barrel lid
- 1 mesh screen, stainless steel (pre-installed in lid)
- 1 package containing:
  - 1 overflow hose, 4 feet long
  - 1 faucet, with washer and nut
  - 1 clamp for overflow hose
  - 4 screws, Phillips, for securing lid
  - 1 copy of installation instructions



### TOOLS REQUIRED

- Screwdriver, Phillips, for lid screws
- Screwdriver, slot, to tighten overflow clamp, and to tap out overflow plug
- Pump pliers, to tighten faucet nut
- Hammer
- Tape measure and marker
- Hack saw, to cut downspout
- Spirit level
- Eye protection and gloves, (for cutting the downspout)

### TO PURCHASE (OPTIONAL)

- If not already a part of the existing downspout, you will need a 45° elbow
- Extra clamp, 1-1/2" (for multiple installations)

### LOCATING

The neutral colour of your SYSTEMN Rain Barrel makes it easy to blend in anywhere around your house. Naturally, it needs to be adjacent to a downspout and ideally not in the way of people traffic.

Make sure that the ground is firm, level and flat. A good idea is to use an inexpensive concrete paving stone, at least 30" x 30" in size, as a base.

Temporarily put the SYSTEMN Rain Barrel lid in place (don't screw it down yet) and place the rain barrel to one side of the downspout. Now's the time to decide if the location you've chosen is the right one or if you want to try somewhere else.

## **ASSEMBLY**

Lay out all of the parts and make sure nothing is missing. Gather the tools required.

### **Faucet**

Remove only the nut, insert the threaded end with the rubber washer on it, into the hole "A" at the front of the SYSTERN Rain Barrel. From the inside of the rain barrel, replace the nut. Finger tighten only, then with the pump pliers, tighten another ½ turn.

### **Overflow Hose**

Decide on which side you want the overflow on. Using the slot screwdriver as a chisel, insert it from the outside into the overflow spout. With a hammer, gently tap around the edge of the disc covering the hole until the disc pops out. Make sure the clamp is open enough and locate it over one end of the hose. Apply some water to the inside of the hose to act as a lubricant and slide it onto the spout. Hand-tighten the clamp using the slot screwdriver.

### **Lid**

The insect screen is assembled at the factory. Place the lid on the rain barrel and line up the four screw holes with the holes in the top rim of the barrel. Using the Phillips screwdriver, install the four #8 x 1-1/2" screws provided. Congratulations, your SYSTERN Rain Barrel is now properly assembled, sealed against entry of insects and safe for use around children.

## **INSTALLATION**

Again - gather the tools required.

### **Location**

With the rain barrel placed once again adjacent to the downspout, measure and remove enough downspout (using the hacksaw) so that there is enough room to attach (or re-attach) the 45° degree elbow and still allow the rain barrel to fit easily underneath, with about 2" clearance to the lid. Be careful of sharp edges.

### **Overflow Hose**

Place the free end of the hose into the lower portion of the downspout. If you wish, you can also connect the hose to additional piping that will convey the excess rain water to another part of your garden. Whatever you do, ensure that the hose is directed away from the building.

All you need now is rain! Attach a garden hose to the faucet or fill a watering can to water your lawn, garden and plants.

## **MAINTENANCE**

The SYSTERN Rain Barrel is virtually maintenance free. Periodically brush the screen to free it of any accumulated debris, especially roof shingle gravel. That's it!

### **Spare Parts**

The faucet is standard, as are the screws and clamp and, along with the overflow hose, can be obtained from any DIY home or building supply outlet. The overflow hose and clamp can also be obtained from any pool supply store. If a replacement screen is required, it can be obtained by e-mailing [info@norsemanenviro.com](mailto:info@norsemanenviro.com) .

## **WINTERIZING**

In those municipalities where winter temperatures can dip below freezing, it is very important to winterize your SYSTERN Rain Barrel. Before the first frost it is recommended to discontinue use of your SYSTERN. First, open the faucet to drain most of the water. Next, remove the SYSTERN Rain Barrel lid and tip the barrel to empty any residual water. The overflow hose can remain connected. Clean both the lid and barrel using a brush with some dishwashing liquid and warm water (You could do this the next time you wash the car!) Thoroughly clean the screen by running a hose onto it from the underside of the lid. Store the barrel upside down so that water cannot re-accumulate. You may want to put a rock on top to prevent it from blowing around if you are leaving the unit outside. The downspout can be left as is to run onto the concrete paver or you can re-connect it to the ground storm drain (local regulations permitting).