How to Assemble and Install Your Rainbarrel

Why Install Rainbarrels?

Rainbarrels are used to catch stormwater run-off from rooftops that would otherwise flow into our lakes and rivers via storm sewers. This rainwater can be stored for later use to water your lawn and gardens, as well wash windows and cars. Rainbarrel water is also a better source for watering house and garden plants than tap water, since it contains no chlorine. The use of rainbarrels can help reduce stormwater run-off which is associated with flooding and erosion problems in areas with large amounts of impervious surface.

Each rainbarrel can store 55 gallons of water, equal to the runoff volume from approximately 90 square feet of impervious surface after a 1" rain event. If more storage capacity is needed, rainbarrels can be attached in series, making them useful for both small and large homes and businesses.

Assembly A: Faucet	Cost:	Materials Needed:

- Drill a 3/4" hole
- Screw the spigot into the lower hole.
- From inside the barrel, slide the neoprene washer against the barrel wall.
- Slide the washer over the gasket.
- Screw on the adapter and tighten.

$2.75
$1.50
$0.50
$0.75

| 1/2" Hose Spigot |
| 3/4" Inside Diameter Neoprene Washer |
| 3/4" Inside Diameter Washer |
| 3/4" Female to 1/2" Female Adapter |

| Assembly B: Overflow	Cost:	Materials Needed:

- Drill a 3/4" hole
- Screw the hose adapter into the upper hole.
- From inside the barrel, slide the neoprene washer against the barrel wall.
- Screw on the adapter and tighten.
- Attach overflow hose onto the hose adapter.

$1.10
$1.50
$0.75

| 3/4" Hose to 1/2" Male Adapter |
| 3/4" Inside Diameter Neoprene Washer |
| 3/4" Female to 1/2" Female Adapter |
| Overflow Hose |
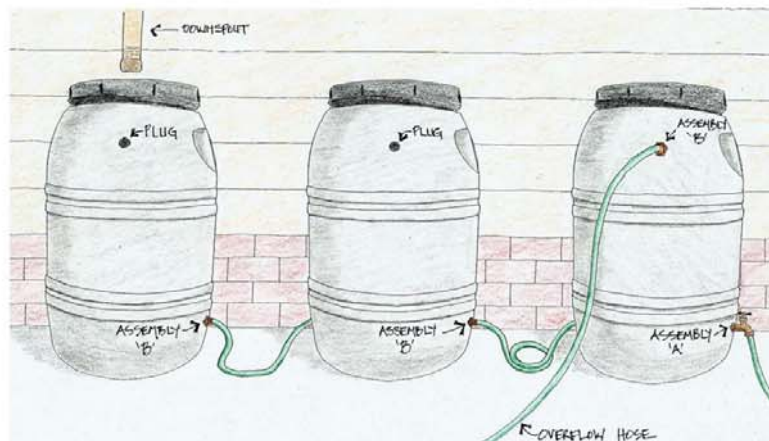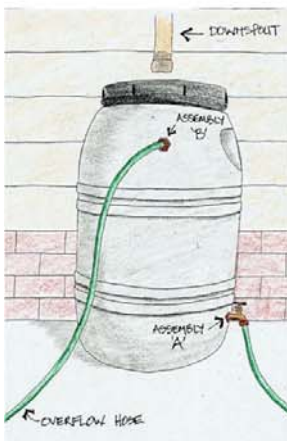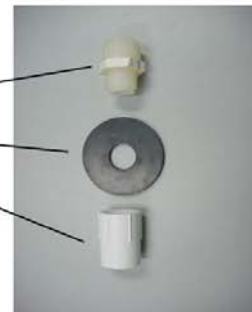
Lid/Inlet

- 7" Skimmer Basket used for pools, with a filter sock on the outside
- Approx. $7 for the basket
- Approx. $2 for one filter sock