

## Ground Application

### Rain Barrel - PWD

Capacity in Gallons: 55 gallons

Weight per unit: 10lbs plus 440lbs; about 450 lbs per unit

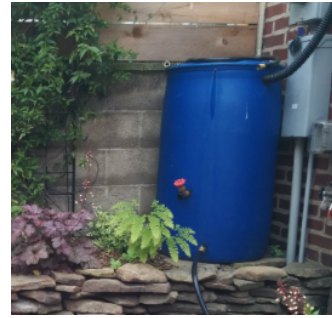
Material: Food Grade Plastic

Potable Use?: No

Size: 36.5" high, 24" diameter

Price Estimate: Free

Manufacturing Location: Local



### Rain Water Planter - PWD

Capacity in Gallons: 78 gallons

Weight per unit: 46lbs plus soil (40lbs) and water (78gallonsx8pds)

710lbs per unit

Material: Galvanized Steel

Potable Use?: No

Size: 2'W x 2'H x 4'L

Price Estimate: \$100.

Manufacturing Location: US



about

### Rain Barrel – Wooden

Capacity in Gallons: Custom; 1500 gal pictured

Weight per unit (8pds – gallon of water)

Material: Alaskan Cedar

Potable Use?: Yes

Size: Custom

Price Estimate: <\$30,000

Manufacturing Location: Hall-Woolford Tank, Philadelphia



### Rain Barrel - Urn

Capacity in Gallons: 50 gallons

Weight per unit (8pds – gallon of water)

Material: UV-stabilized polyethylene

Potable Use?: No

Size: 33" High, 23" diameter

Price Estimate: \$300.

Manufacturing Location: US



### Rainwater H2OG

Capacity in Gallons: 50 gal

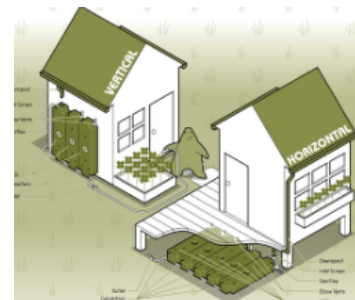
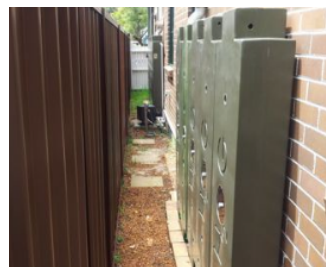
Weight per unit: 440lbs when full

Material: UV8-stabilized plastic

Potable Use?: Yes

Size: 20" x 9.5" x 71"

Price Estimate: \$418 per unit



Manufacturing Location: California

**Rain Box**

Capacity in Gallons: 75 gal  
Weight per unit: 50 lbs empty  
Material: thick UV-resistant black polyethylene  
Potable Use?: No  
Size: 20" x 24 x 42"  
Price Estimate: \$200 est  
Manufacturing Location: Baltimore



**Rain Column**

Capacity in Gallons: 150 gal  
Weight per unit: 95lbs empty  
Material: thick UV-resistant black polyethylene  
Potable Use?: No  
Size: (24"d x 84"h); optional trellis attachment to make green wall  
Price Estimate: Approx \$1000  
Manufacturing Location: Baltimore



**Stainless or Galvanized Steel Cisterns - Texas Metal**

Capacity in Gallons: 90, 300 gal  
Weight per unit:  
Material: Stainless Steel  
Potable Use?: Yes  
Size: 30"x2.9", 3'x5'8"  
Price Estimate: \$700, 900  
Manufacturing Location: Dripping Springs, TX



**Stainless or Galvanized Steel Cisterns - Texas Metal**

Capacity in Gallons: 233 gal  
Weight per unit:  
Material: Stainless Steel  
Potable Use?: Yes  
Size: 30"D x 60"W x 2'9"H  
Price Estimate: \$2180  
Manufacturing Location: Dripping Springs, TX



**Fitzwater Raintank - Shift Design**

Capacity in Gallons: 40 gal  
Weight per unit:



Material: Stainless Steel  
 Potable Use?: Yes/No  
 Size: (24" d x 48" h); optional planter  
 Price Estimate: \$  
 Manufacturing Location: Philadelphia, PA

## Ground or Inside Basement

### Rainwater Pillow

Capacity in Gallons: 1000-3000 gals  
 Weight per unit: 60-105lbs empty (8lbs – gallon of water)  
 Material: Reinforced Polymer alloy (polyester scrim coated on both sides with PVC polymer)  
 Size: 10' x 8' x 2.5' 60 lbs. - 18'x12'x2.5' 105 lbs  
 Price Estimate \$2800-5100.00  
 Manufacturing Location: Georgia  
<https://rainwaterpillow.com/>



## On Roof

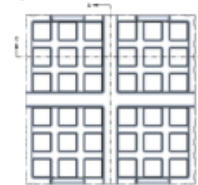
### Trays for Roof (Weston Solutions GreenGrid)

Capacity in Gallons: approx 6 gallons per yard sq  
 Weight per unit: 26 to 30 lb/sf for 4" and 12 to 18 lb/sf for 2.75" fully vegetated at maximum water-holding capacity  
 Material: 100% pre-consumer linear low density or medium density polyethylene  
 Potable Use?: Not Applicable  
 Size: 2 ft x 2 ft x 4 in and 2' x 2' x 2.75 in  
 Price Estimate: \$22, 24/sf  
 Manufacturing Location: West Chester, PA  
 Plants: Succulent ground covers and water-conserving accent plants.

Pre-Vegetated 4-inch Module



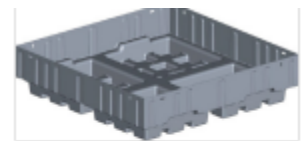
Top View Four Inch Tray



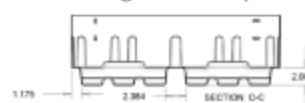
### Trays for Roof (Weston Solutions GreenGrid)

Capacity in Gallons: approx 8-10 gallons per yard sq  
 Weight per unit: 25-45 lb/sf for 6" and 30-60 lb/sf for 8" fully vegetated at maximum water-holding capacity  
 Material: 100% pre-consumer linear low density or medium density polyethylene  
 Potable Use?: Not Applicable  
 Size: 2 ft x 2 ft x 4 in and 2' x 2' x 2.75 in  
 Price Estimate: \$30, 34/sf  
 Manufacturing Location: West Chester, PA  
 Plants: Succulent ground covers and water-conserving accent plants.

Six Inch Tray



Eight Inch Tray



### Sedum Trays for Roof (Sempergreen Click 'n go)

Capacity in Gallons; 5.96 gallons per yard sq  
 Weight per unit: 147 lbs per yard sq



Material: Recycled Polypropylene  
 Potable Use?: Not Applicable  
 Size: 17x19.5x4in; 4.4 per yard sq  
 Price Estimate:  
 Manufacturing Location: Netherlands  
 Plants: Succulent ground covers and water-conserving accent plants.

**Purple or Retention Roof with Lightweight System**

Capacity in Gallons: 47.5 liters/ meter sq  
 Weight per unit: 172 kg/ meter sq  
 Material: Retention Roof Biodiverse Lightweight with H50:  
 Root barrier foil, recycled fiber mat, recycled polypropylene box and fleece, lava, pumice and compost, sedum  
 Potable?: Not Applicable  
 Size: 168mm tall (6.6")  
 Price Estimate  
 Manufacturing Location: Netherlands  
 Plants: Selected



**In Sidewalk**

**Tree Trench**

Capacity Varies depending on size and soil holding/carrying capacity. For example, one tree with 28.3 m<sup>3</sup> (1000 cubic feet) of uncompacted soil with 20% soil water storage capacity (a conservative estimate since some bioretention soils can hold up to 40% water) can hold the 2.54 cm (one inch) 24 hour storm event from 223 m<sup>2</sup> (2,400 square feet) of impervious surface...ro the size of our site

