

Rain Barrel

When it Rains....



....It Stores

How it Works:

1. Rain water runs down the roof, into the gutter and down the downspout. The water is directed over the barrel's lid, which contains a screened hole.
2. The water collects inside this 45 gallon barrel for watering the gardens or could be used for house-plants or washing vehicles.
3. The spigot is located at the bottom of the barrel, and the barrel is elevated to allow access to water using a watering can, bucket or hose.
4. The overflow fitting at the top of the barrel provides an outlet for water if the barrel becomes full. A soaker hose could be connected to the overflow fitting to drip irrigate the garden plants.

A Rain Barrel:

Provides clean water for outdoor uses

Reduces flooding downstream

Decreases water pollution

Minimizes the effects of drought

Calculate roof runoff:

One inch of rain falling on a 1 square-foot roof
Generates 0.6 gallons of runoff.

Therefore, a 1/4 inch rainstorm falling on this approximate 750 square-foot section of roof will generate 112 gallons of runoff.