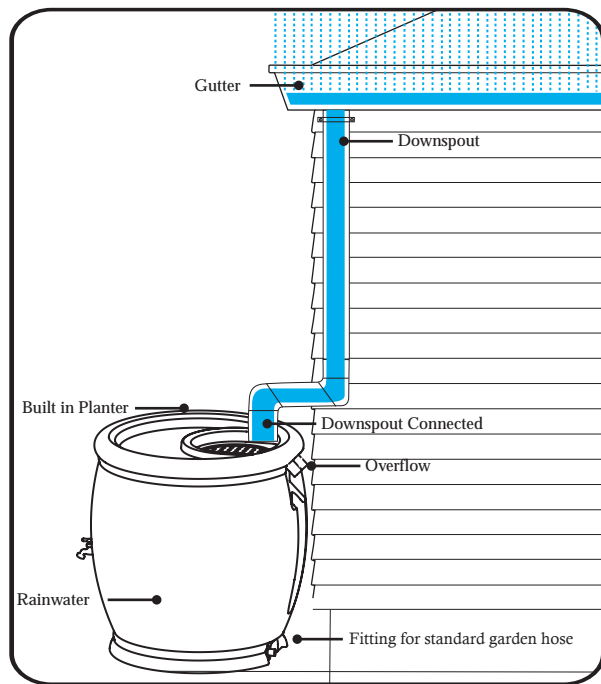


Congratulations on the purchase of your new Rain Barrel.



The Algreen Rain Barrel system is an easy way to collect and store natural rainwater.

- Helps to save you money by reducing your water consumption
- Stores water for use during time of drought and water restrictions
- Rainwater is good for plants because it is naturally low in salt and chlorine
- Great for watering indoor and outdoor plants and washing cars and windows

HOW MUCH CAN YOU HARVEST

To find out how much water your roof will collect you first need to calculate the catchment area.

L= total length of your house

W= total width of your house

$(L + eaves) \times (W + eaves) = \text{Catchment}$

Example: $(36 + 4) \times (46 + 4) = 2000 \text{ sq ft.}$

1 inch of rainfall can provide an average of 600 gallons per 1000 sq ft. catchment area

$(\text{Catchment area} / 1000) \times 600 \text{ gallons} = \text{total gallons of water collected per 1 inch of rainfall}$

Example: $(2000/1000) \times 600 \text{ gallons} = 1200 \text{ gallons}$

To find out how much you will collect in a year:

Total gallons of rainwater per sq. inch x average rainfall per year in inches = total gallons per year

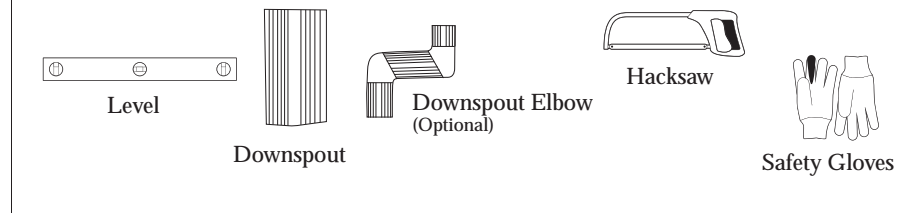
Example: 1200 gallons of water per sq. inch x 20 inches of rainfall a year = 24 000 gallons

To find out rainfall in your area visit:

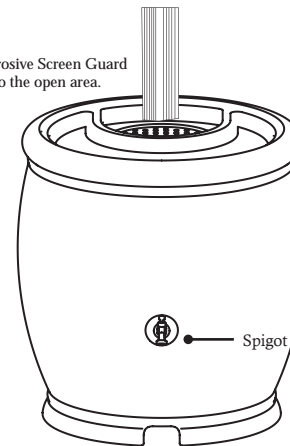
<http://countrystudies.us/united-states/weather/>

Algreen Rain Barrel Instruction and Care Manual

YOU WILL NEED



Non Corrosive Screen Guard goes into the open area.



The water kept in the Rain Barrel is for gardening purposes only and should not be consumed by humans or animals.

TO START

Start by choosing a location for the Rain Barrel where there is a downspout nearby.

1. Place the downspout elbow over barrel. Hold it up to the Downspout & mark a line with a pencil.
2. Using the Hacksaw, cut a straight line at the mark you just made.
3. Place the Screen Guard in the open area on the top of the Rain Barrel.
4. Connect the downspout elbow (optional) to the downspout and arrange downspout above the screen.
5. Using the Level, ensure your Rain Barrel is level to avoid tipping when full.
6. Screw the spigot into the threaded outlet at the front of the barrel.
7. To divert water away from your foundation, cut open one of the 2 overflow outlets using a pocket-knife or hacksaw. Clamp 1.5" tubing to the open overflow outlet, and run the tubing down the rain barrel, through the channel at the bottom, and out the front.
8. (Optional) To get the last few inches of water, a standard garden hose can be hooked up to the fitting at the bottom (back) of the barrel. Unscrew the cap prior to inserting garden hose.

TIP

To improve water flow through the hose, it is recommend that you prop the rain barrel up on a raised platform. A simple platform can be built using bricks.

TIP

The second overflow is for daisy chaining rain barrels. Purchase the Algreen daisy chain kit to connect multiple rain barrels.