

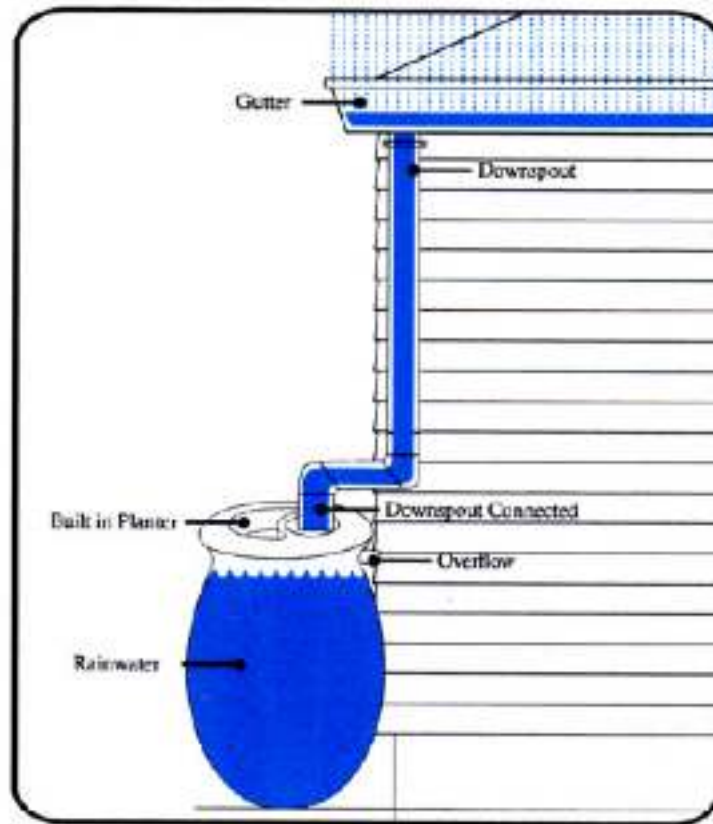
Harvesting Rainwater With Your Agua Rain Barrel



HOW YOUR PURCHASE IS IMPACTING THE ENVIRONMENT

- More than 70% of the Earth's surface is covered in water yet only 2.5% of this supply is considered fresh water. The rest is found in the form of salt water in oceans.
- Of the freshwater that exists, most is locked up in glaciers and ice caps.
- Unfortunately, much of the small amount of freshwater is in danger of drying up through desertification or becoming so contaminated for human consumption.
- Changing our habits of water use can help abate this growing problem. Installing the Agua Rain Barrel will help to reduce the amount of freshwater consumed for outdoor use.

Congratulations on the purchase of your new Agua Rain Barrel.



The Agua 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 naturally low in salt and chlorine which can be harmful to plants
- 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

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

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:

$\text{Total gallons of rainwater per sq. inch} \times \text{average rainfall per year in inches} = \text{total gallons per year}$

Example: $1200 \text{ gallons of water per sq. inch} \times 20 \text{ inches of rainfall a year} = 24\,000 \text{ gallons}$

Correct Assembly of Agua Water Barrel Hose



1) Apply PTFE tape to the finer thread on the Adaptor Nipple & Screw into the Barrel.

(Note: Tape to be wrapped in a clockwise direction when end of thread is viewed to ensure that tape does not unwind when nipple is screwed in)



2) Screw the female end of the hose onto the coarser thread of the Nipple.

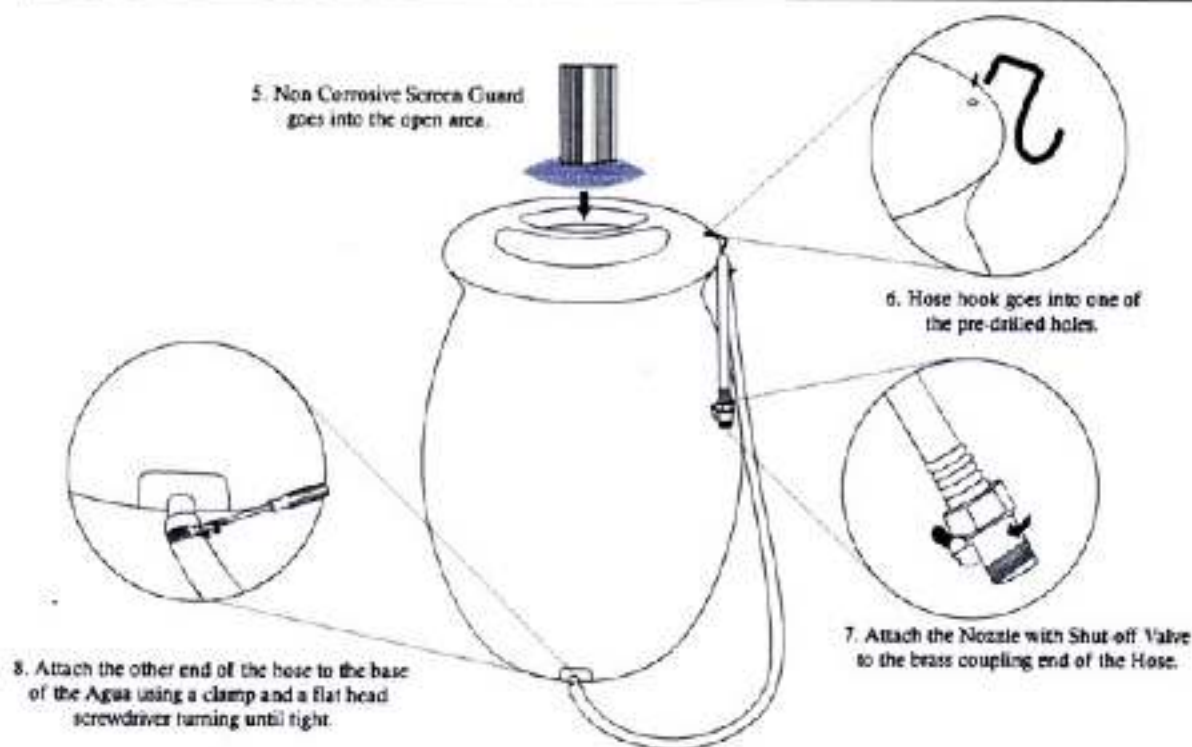
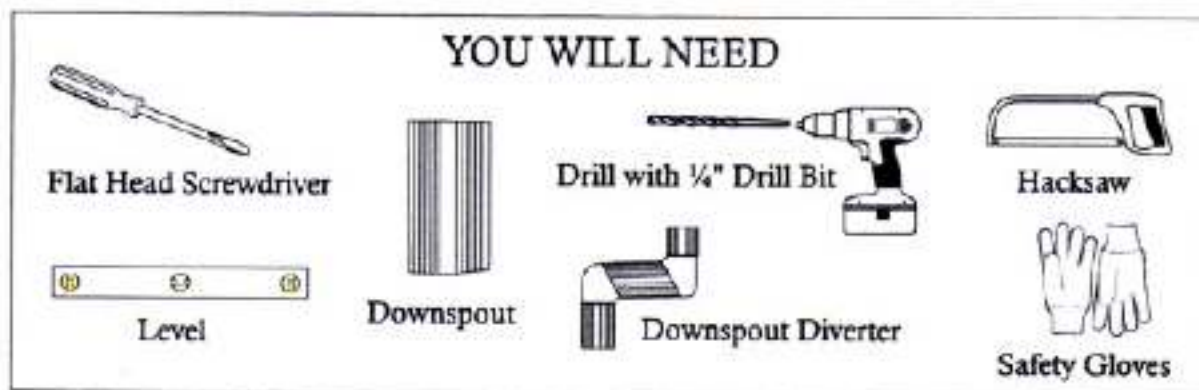
(Note: the female end of the hose is fitted with a rubber seal)



3) Screw the female end of the isolation valve onto the male thread of the Hose

(Note: the female end of the isolation valve is fitted with a rubber seal)

Agua Rain Barrel Instruction and Care Manual



The Agua is an excellent way to conserve water. The water kept in the Agua 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 Agua Rain Barrel where there is a downspout near by.

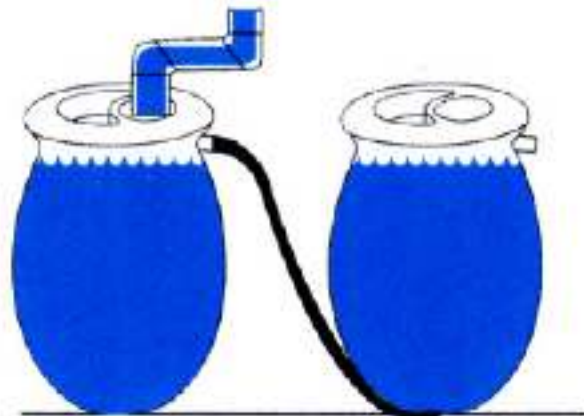
1. Place the Downspout Diverter on the Agua and hold it up to the Downspout and mark a line with a pencil.
2. Using the Hacksaw cut a straight line at the mark you just made.
3. Place the Screen Guard in the open area on the top of the Agua Rain Barrel.
4. Attach a downspout diverter to the downspout and connect to the top of the Agua.
5. Using the Level ensure your Agua Rain Barrel is level to avoid tipping when full.
6. Attach the Hook for the Hose to the Agua Rain Barrel by putting it into the pre-drilled hole on the top of the Rain Barrel.
7. Attach the Nozzle with Shut-off Valve to the threaded end of the hose.
8. Attach the cut end of the Hose to the base of the Agua Rain Barrel : Place the clamp over the Hose then place over the water outlet. Using a Flat Head Screwdriver tighten the clamp over the hose and water outlet until a snug fit is achieved.

USING THE PLANTER

The Agua Rain Barrel has a built in planter to make it even more beautiful. To use the planter simply drill the dimpled areas (using a drill and ¼" drill bit) on the bottom of the planter. Fill the planter with soil and place plants inside.

CARE AND MAINTENANCE

The Agua Rain Barrel needs little care. There is an overflow outlet in the back to prevent water from overflowing out the top of the Rain Barrel. To divert the water away from your home simply attach a backwash hose and run through your garden or lawn for slow watering. Also if you get a lot of rainfall in your area you may want to have several rain barrels to harvest the rainwater. To connect another Agua Rain Barrel you will need to attach a down sizing fitting to the overflow on the back of the Agua. Using a clamp secure tubing to the fitting, then attach the other end of the tubing to the base of the Agua.



During the winter months you must drain any water inside the Agua Rain Barrel and cover the screen guard to block water from entering the Rain Barrel to prevent freezing and cracking. You may want to bring your Rain Barrel inside to protect it from the elements but this is not necessary. The unique design of the Agua Rain Barrel allows it to withstand extreme weather.

WARRANTY

The Agua Rain Barrel carries a 20 Year Limited Warranty on the Barrel only. All accessories included with the Agua Rain Barrel are NOT included in the Warranty. The Warranty covers manufacturers defects only. The Warranty does NOT cover neglect or owners misuse.

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Water Recycling Specialists