



How to Make a Rain barrel

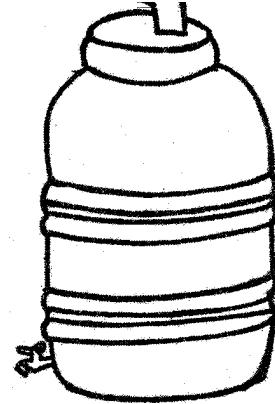
Tools: Electric or Hand Drill
15/16-inch Paddle Drill Bit

Supplies:

Food Grade Plastic Barrels available at:

Cudjoe Sales, Cudjoe Key
Marathon Lumber
Glander's Tiki Water Sports, MM 94

Jigsaw, Hacksaw, or Hand Saw
3/4-inch male-thread spigot (with slant head)
PVC Cement



Directions: Be sure to only use barrels that have carried food products!

1. Drill a 15/16-inch hole at the first even part of the barrel - about 6 to 8 inches from the barrel bottom.
2. Screw 3/4-inch spigot about halfway into the hole - it will be a very snug fit.
3. Apply the PVC cement to the exposed threads and finish screwing spigot into the drum.
4. If using a downspout, use a jigsaw to cut a hole in the lid so that the downspout fits snugly. Caulking can be applied where the downspout meets the barrel top.
5. Elevate barrel on two to three sets of concrete blocks laying on their sides. This will allow easy access to the spigot and provide more water pressure.
6. You may want to add an overflow downspout at the top of the barrel - or a second spigot - so that you can direct the overflow into a specific part of your yard.
7. Optional: Add a water pump.

NOTE: Barrels come in many sizes, shapes, and colors.

- A 55-gallon barrel can fill up with a 1/2 inch rainfall, depending on the size of your roof.
- White drums seem to disintegrate more quickly in the sun.
- Barrels either have removable lids or are "sealed" with two small openings. It is easier to clean out debris with removable lid barrels. The "sealed" barrels have a flat bottom and may be more stable.

Create a Rain Barrel From A Heavy Duty Trash Can

Parts you'll need:

1. 1 - heavy duty trash can
2. 1 - 3/4" hose bib spigot
3. 1 - 6" plastic ring (cut out center of 5-gallon paint bucket lid or any available item)
4. 2 - 3/4" lock ring
5. 2 - #15 O-rings
6. 1 - 3/4" threaded PVC male adapter
7. 1 - 3/4" threaded PVC female adapter
8. 4 - small screws
9. 1 - piece nylon screen (fits under plastic ring)

Tools:

- Drill with screw tip
- 15/16" paddle drill bit
- Jigsaw or hacksaw



Directions

Drill 3/4" hole using a 15/16" drill bit approximately 3" to 4" from bottom of barrel.

Drill 3/4" hole using a 15/16" drill bit near top of barrel.

Screw 3/4" hose bib spigot into bottom hole.

Slide O-ring over threaded nipple from inside of barrel and screw on faucet tailpipe nut until secure.

Insert 3/4" treaded PVC extender into upper hole.

Slide O-ring onto treaded end from inside and secure with faucet tailpipe nut.

Cut hole in trash can lid using jigsaw or hacksaw.

Trim nylon screening to fit plastic ring.

Place screen, then trim cover over hole in lid and attach with screws.

It is recommended to sit rain barrel on two concrete blocks to provide for level surface.

Total construction time averages 10 to 15 minutes and the cost is approximately \$45. depending on the size of trash can purchased.

