

How 2 Build

Tools:

- Drill
- 15/16" spade bit
- Band Saw (to cut down spout)
- Reciprocating Saw (to remove top is needed)
- Jig Saw (if cutting hole in top)



Concrete Block Base

Supplies:

- Reconditioned Food Grade Drum or Barrel
- 3/4" Male Threaded Spigot (Hose Bibb)
- Flexible Downspout Attachment for Rain Gutter
- Concrete Blocks for support base
- Pipe Thread Sealant
- PVC Pipe Increaser Connection
- Patio Screen if completely removing top



Using Bung Holes with PVC Pipe Increaser

1. Drill hole using a 15/16" spade bit about 6" from bottom of the barrel
2. Screw the spigot/hose bibb about 1/4 of the way into the hole. This will be very snug. Be sure the spigot goes in straight rather than at an angle.
3. Apply pipe thread sealant to the exposed threads and continue screwing the spigot/hose bibb into the barrel until it is flush
4. Locate the area where you plan to place the barrel and level the ground. Your location should be close to a downspout or where water channels off the roof.
5. Once the ground is level place concrete blocks as shown in photo.
6. To connect a Drum type container as shown in photo the existing bung hole can be utilized without the need to drill a new opening. Use a PVC pipe connector to fit the flexible downspout into the existing bung hole. Bung holes are varying sizes so it is best to take the cap with you to insure proper fit.
7. If you do not have rain gutters the top of the drum can be removed and patio screening placed over the opening and secured with a bungee cord or rope will prevent mosquitoes from laying eggs in the water and will keep out debris.



Flexible Downspouts



PVC Pipe Increaser

8. You may want to connect an overflow or an additional container. Barrels can fill rapidly in even moderate rains. When connecting multiple barrels, use at least 1" dia. PVC pipe or vinyl hose.



Overflow



The barrels shown on this page are from
"A Spouse's Guide to Creating the Perfect Rain Barrel System"

The entire documents can be found at:

http://www.emmitsburg.net/gardens/articles/adams/audrey/water_barrel.htm



The 8 barrels shown here are elevated on a specially constructed platform to allow for easy access to undersides.

