Free
Rain Barrel Instructions

Provided by: www.AtlantaRainBarrels.com

Your rain barrel kit includes:

- (1) Round screened basket
- (1) 2” PVC threaded male adapter
- (1) 2” conduit locknut
- (1) 2” PVC 90° elbow
- (1) 2” PVC 45° elbow
- (1) Bulkhead fitting
- (1) Threaded adapter
- (1) Garden hose connector

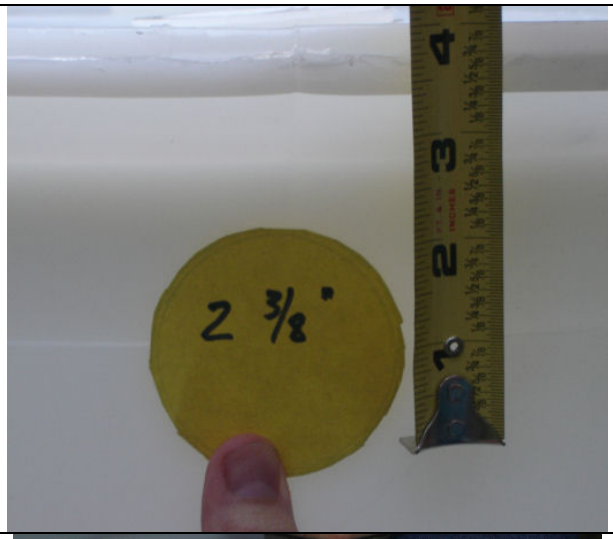
Items needed:

- 55 gallon barrel
- Flexible downspout
- Concrete blocks or other solid base material
- 2” PVC pipe (at least 4 feet)
- PVC Cement (or other glue)
- Pencil
- Spiral cutting saw (Rotozip) or jigsaw
- Slip joint pliers
- Hand saw for cutting PVC pipe
- Teflon tape

(Optional)

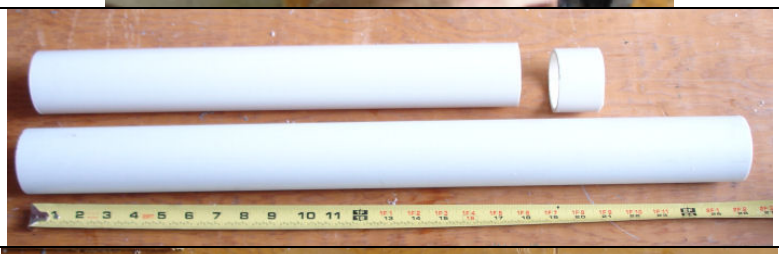
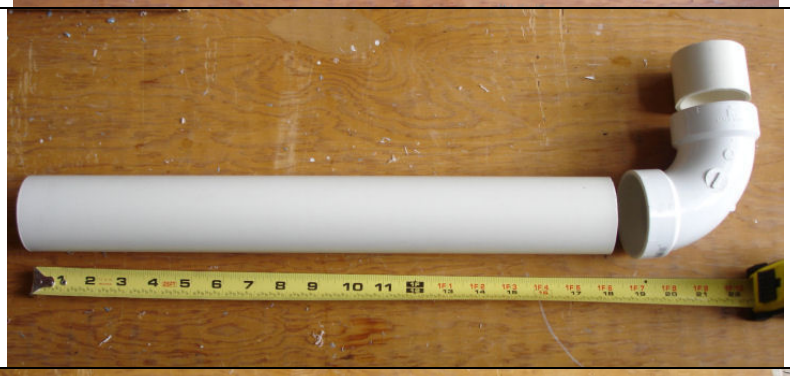
- 1-1/2” hole saw or spade bit
- 2-3/8” hole saw

	After cutting out all 3 circles from the attached template, trace the 7 3/4” circle in the center of the top of your barrel.
	A jigsaw or a spiral-cut saw (Rotozip) work best for cutting this hole.
	Using an appropriate saw, cut out the circle you just traced on the top of the barrel. This hole will be used to hold the screened basket.

	The 2 3/8 circle will be used for your overflow hole. Determine what side of the barrel you want your overflow hole to be on. Measure down from the top of the barrel approximately 4 inches. The bottom of the 2 3/8 circle should be slightly below this mark.
	Again, using an appropriate saw, cut out the circle you just traced.
	Locate the 1-1/2” hole near the bottom of the barrel. This will be the hole for your spigot. Make sure the hole is oriented properly in relation to your overflow hole. (If you want the spigot in front and the overflow to the right, check the alignment before you cut this hole.)

	Cut the 1-1/2” hole using a hole saw or a spade bit.
	Using a utility or pocket knife, clean the plastic shavings from the holes you just cut. The 1 ½” spigot hole, in particular, needs to be smooth so that the bulkhead fitting will seat properly.
 	Thread the PVC male adapter through the barrel and onto the lock nut to secure the connection for your overflow pipe.
	Insert the threaded end of the bulkhead fitting through the outside of the barrel. (The thick rubber washer should be on the outside of the barrel.)

	Using a pair of long handle pliers and an assistant, place the thin, hard plastic washer onto the bulkhead fitting followed by the large nut. Tighten securely. (Note: The word “tighten” on the large nut faces the inside of the barrel.) These are reverse-threaded bulkhead fittings. Turn counter-clockwise to tighten.
	The threaded adapter has one end with closely spaced threads and one end with wide threads. Wrap several layers of Teflon tape around the narrowly spaced threads.
	Insert the threaded adapter into the bulkhead fitting. (The teflon taped, narrow threads go into the bulkhead fitting.) You can tighten this with an open end wrench or a pair of pliers, if necessary.
	Thread the garden hose spigot onto the adapter with just enough pressure so that the washer seats on the adapter. Do not over-tighten as this will cause damage to the rubber washer.

	Using the 2” PVC pipe you purchased, mark and cut the pipe into 3 pieces: 2” 18” 26”
	This is what your pipe should look like when you are finished cutting.
	Using PVC cement (or similar), glue the 18” and 2” sections to the 90° elbow as shown.
	Next, cement the 26” section of pipe to the 45° elbow.
	The 2 sections of pipe do not need to be glued together. They will stay together using friction.

	Place the round basket into the top hole.
	Locate your barrel on a secure base under a downspout and attach the overflow pipe (no cement). Your barrel is now ready for rain!
	As seen here, two or more barrels can be connected together without cutting additional holes or using additional parts. The top ½ of your overflow pipe on the first barrel becomes your overflow pipe to the second barrel.

Please send me your comments, questions and pictures to: Sales@AtlantaRainBarrels.com

You can also visit my website at: www.AtlantaRainBarrels.com