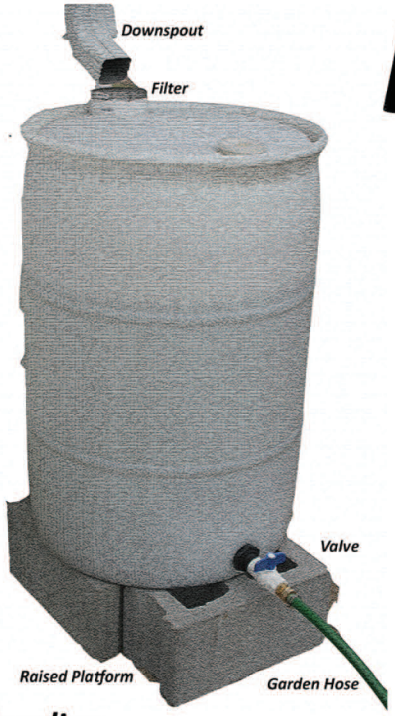
How to Build a Rain Barrel

Big Creek Middle Smoky Hill River Watersheds



Supplies

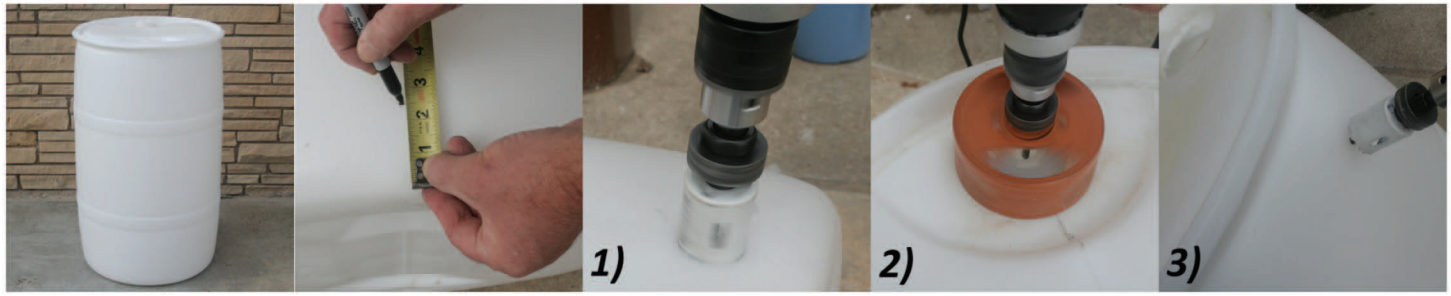
- 55 gal Barrel
- 1/2" Heavy Duty Drill
- Hole Saws (4" and 1.5")*
- Tape Measure
- 2" Crescent Wrench
- Yard Stick w/ Duct Tape
- 3/4" Tank Bung
- 3/4" Threaded Nipple
- 3/4" Threaded Ball Valve
- 3/4" Brass Hose Adapter
- 3"-4" PVC reducer
- 6"x6" Fiberglass screen
- 3"-5" Hose Clamp

Optional:

- 1" Overflow Fitting
- 1 3/8" Hole Saw*
- *Can use jigsaw

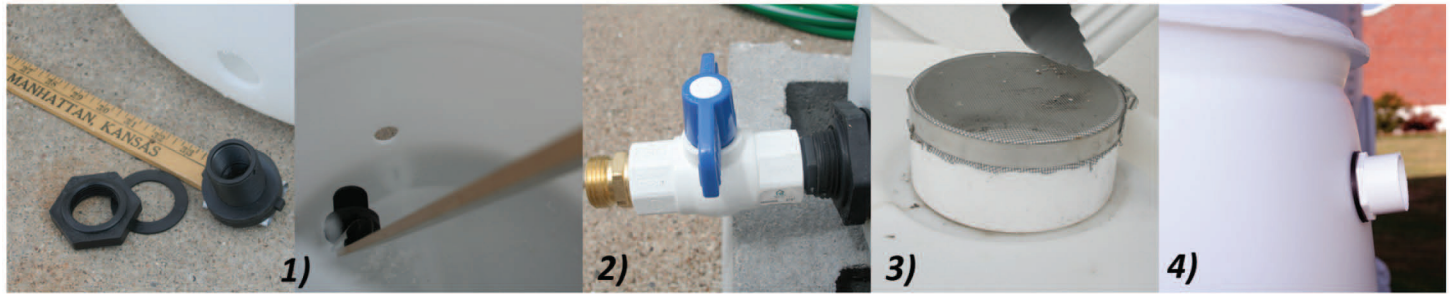
Cuts:

1) Using the 1.5 inch hole saw, cut a hole centered 2.5 inches off the bottom of the barrel.
2) Using the 4 inch hole saw, cut a hole on top of the barrel through the plug opposite 1).
3) Optional- Using the 1 3/8 inch hole saw, cut a hole 4 inches from the top on either side for the overflow fitting



Fittings:

1) Attach inside of tank bung to end of yard stick wrapped in duct tape. Insert into bottom hole then tighten fitting securely
2) Fit threaded nipple, threaded ball valve, and brass hose adapter into tank bung.
3) Place fiberglass screen over PVC reducer and stretch by tightening hose clamp; trim excess. *Insert into 4 inch hole on top of barrel
4) Optional- Insert and tighten overflow fitting into cut overflow hole



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Smoky Hill River Kanopolis Lake Watershed