



How to Build a Rain Barrel

Big Creek Middle Smoky Hill River Watersheds

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



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

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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