



Vinalhaven Land Trust

Rain Barrel Recipe

Developed by Peter Richards

Supplies	Source
FOOD QUALITY Plastic barrel, w/screw on lid 220 liter/55 gallon drum	Ames Tru-Value Hardware, Wiscasset
½" hose bibb, male-no kink	Home Depot, SKU #032888023031
#14 "O" ring, 15/16 ODx 3/4" x 3/32"	Home Depot, SKU #037155967315
½" Female Adapter (electrical-gray)	Home Depot, SKU #03448175
1 ½" Female Fitting (electrical-gray)	Home Depot, SKU # 034481062455
1 ½" Male Fitting (electrical-gray)	Home Depot, SKU #034481062059
1 ½" 90 degree bend (plumbing white)	Home Depot, SKU #039923215703
Fiberglass screening, 18 x 18 or sized to fit barrel lid/drilled opening	Viking Lumber, Vinalhaven
2 ft length, 1 ½" PVC pipe	Viking Lumber, Vinalhaven
(optional) cinder blocks or granite slab	Viking Lumber, Vinalhaven for cinder blocks
TOOLS	
Power drill – ½" bit, 1 ½" hole cutter, (optional) jigsaw	
Scissors or utility knife	

Steps:

1. Using the power drill, drill 2 holes in the side of the barrel:

- the lower hole will be ½" – screw the hose bibb through the hole, reaching inside, affix the "o" ring and then screw the female adapter onto the end of the hose bibb until tight.

- the upper hole will be 1 ½" – screw the male fitting through the hole, secure the female fitting until tight; on the outside, attach the 90 degree bend to the fitting, followed by the 24" length of PVC pipe

2. (optional) Using a power jigsaw, drill a hole approx 6-8" in diameter in the center of the lid liner

3. Using scissors or a utility knife, cut a piece of fiberglass screen large enough to cover the barrel opening, leaving a margin; place the screen over the barrel lip (or between the lip and the lid liner); screw the lid in place.