

(Oatey) Rain Barrel Construction Instructions:



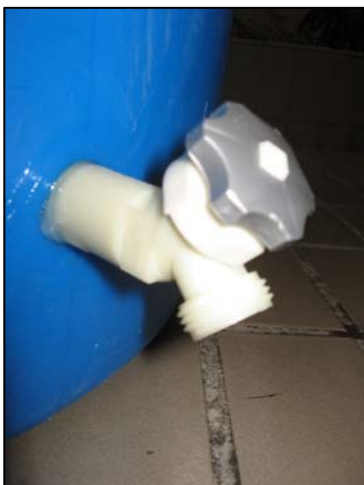
Nature Center
AT SHAKER LAKES

1. Drill a 1.5 inch hole using a 1.5 inch spade drill bit, 3 or 4 inches from the top of the barrel.
2. Thread the 1.5 inch hole using a 1.5 inch pipe tap for the top hole to fit the 1.25 inch hose barb. Make sure you get the pipe tap all the way to the end of its threads, and remove. Do not go past the last strip of threads on the pipe tap because you will strip the threads you created when pulling out.
3. Grabbing your hose barb, wrap the threaded end with plumber's tape making sure to follow the clockwise motion. Then apply silicone caulk to the threads of the hose barb. Screw in the hose barb, (using a crescent wrench if necessary) to tighten. Caulk should spread around the barb as it gets tighter.



Results of steps 1 - 3

4. Drill another hole using the 11/16ths spade drill bit, 2-3 inches from the bottom of the barrel, a quarter barrel turn from the other hole you already created. (If you created the first hole at 3pm [like if it was on a clock], put this new bottom hole at 6pm)
5. Thread using the 1/2 inch pipe tap for the bottom hole to fit the spigot. Make sure you get the pipe tap all the way to the end of its threads, and remove. Do not go past the last strip of threads on the pipe tap because you will strip the threads you created.
6. Using the plumber's tape, wrap the threads of the hose bib and then apply silicon caulk to the threads of the spigot. Screw in the spigot so that the "wheel" of the spigot (which allows water through the spigot, or not) faces outward or up depending on the spigot. Caulk should spread around the spigot as it gets tighter.



Results from Steps 4-6



The Final Result!



For Installation:

7. Before placing barrel in location, place two cement blocks on ground surface (works best on cement, otherwise the cement blocks will sink into the ground). Place barrel on top of cement blocks.
8. Attach hose from diverter to hose barb (top hole).



Nature Center
AT SHAKER LAKES

Tools



Silicon Caulk (above)



Pipe tap (above) x2 – two sizes



Wrench (above)



Wrench (above)



Spade drill bit (connect to drill)
x2 – two size

