



4" SOIL PIPE GASKET EZ-TITE

Great Seal for any Plastic or Fiberglass Tank

*Can be used with Sch 40 or SDR 35 (5" Hole Saw

Needed to cut hole for 4" Sch 40 pipe; 4-3/4"

Hole Saw needed to cut hole for SDR 4" SDR 35 Pipe.)

Sourced: <https://www.septic-direct.com/4-Rubber-Soil-Pipe-Gasket-Gasket-p/rub-40-soil.htm>

Cost: ~\$10



Walrus pump

We prefer the Walrus HQ800H 1hp. It has 1" inlet and outlet and plugs in to a standard outlet.

Sourced:

<https://rainewaterharvest.com/rainwater-collection-products-and-supplies/rainwater-collection-pumps/>

Cost: ~\$500



Brooklyn Pipe 20 Pack, 1 Inch threaded Floor Flanges

Used in conjunction with various length schedule 80 plastic pipe nipples by Dr Sunn as stand-off alignment of 1" PEX pipe for filtration system.

Flanges sourced:

https://smile.amazon.com/gp/product/B083GC72ZS/ref=ppx_yo_dt_b_asin_image_o00_s00?ie=UTF8&psc=1

Cost: ~\$30 for a 20-pack



Pipe nipples sourced: <https://www.supplyhouse.com/>

Cost: Varies



High Density Polyethylene

HDPE Pipe: A sturdy, weather-resistant, and flexible alternative to PVC. Ideal for outdoor piping—won't shift with soil, crack with heat, burst when frozen, or corrode over time! Thick-walled. Choose 1-1/4 " SDR 11 at 200 psi for systems that require pumps and 2 inch SDR at 200 psi for gravity flow systems.

PEX Pipe

PEX is a safe and healthy plastic that is your best bet for indoor piping in place of PVC piping. It's flexible, so you can install it more easily than PVC piping, and it resists corrosion as well. Unlike PVC, PEX does not have glue that will contaminate your water supply. PEX is also freeze-resistant.

Sourced: <https://rainewaterharvest.com/rainwater-collection-products-and-supplies/polyethylene-hdpe-pex-piping/>

Cost: Varies by connection fixture, pipe length, and diameter needed

Leaf Eater

The Leaf Eater Advanced is a compact mosquito-proof rain head for small spaces, awkward places and horizontal and vertical downpipes.

Sourced: <https://www.home-steader.com/leaf-eater-advanced>

Cost: ~\$35



Big Blue Housings and sediment filters

The stainless steel 10" Big Blue housing comes with a bracket and wrench set. The housing fits both 20 micron and 5 micron sediment filters (get the 5 micron if you want to treat water with UV). Carbon block filters remove bad taste from well or public water sources added to harvested rain. Because harvested rain has no taste, most Rain Bees use only sediment filters.

UV Purifying Units

If you are using rainwater for drinking, cooking, or brushing your teeth, or simply want the cleanest water possible, a UV unit is a must! You can depend on a UV unit to kill any microbes that passed through the filter into your water, making your rainwater potable, all-purpose and safe. UV units are only effective when the water is filtered to less than 10 microns prior to entry to the UV unit.

Sourced: <https://rainewaterharvest.com/rainwater-collection-products-and-supplies/filters-uv/>

Cost: The Big Blue housing complete is \$31.00 and features Stainless Steel threads. The 4.5"x 10" sediment filters 20- and 5-micron filters cost \$5.00 each. A carbon block filter is \$16.50. The cost of UV purifiers varies by manufacturer and flow rates.





Maelstrom Filter

The Maelstrom Filter's advanced design combines super-fine filtration to 180 micron and super-high water catchment efficiency to give you cleaner rainwater and more of it.

Sourced: <https://www.home-steader.com/maelstrom-filter>

Cost: ~\$300



Stainless Steel Fittings

Stainless steel products—PEX and threaded—that help you collect and harvest rainwater in the cleanest and best way known. NEVER use galvanized fittings for harvested rain. Use PVC plastic or stainless. Brass is OK, but it is expensive.

Sourced: <https://rainewaterharvest.com/rainwater-collection-products-and-supplies/stainless-steel-fittings/>

Cost: varies (often less expensive than galvanized)

