

# **MAKE YOUR OWN**

## **TABLE TOP - BIG BERKEY WATER FILTER**

By. T. M. Lamb

Some places sell the Big Berkey table top water filter for up to \$400 NOW you can build a Big Berkey water filter for the cost of the filters ONLY.

**Here are Step-by-Step instructions on how to build your own working Table Top Big Berkey water filter that filters water just like the Big Berkey Water Filter Systems without the cost of the metal tanks saving your hundreds of dollars.**

**Clean, Pure and Fresh water is required for life, every person needs about 1 gallon of water a day to survive.**

**(DO YOU KNOW WHAT KIND OF CHEMICALS ARE BEING PUT IN YOUR WATER? AND WHY?)**

**Fluoride and it's many derivatives plus many other chemicals and derivatives of these chemicals are all placed in our water? WHY?**

**As for me I will take fluoride in my toothpaste NOT in my drinking water.**

**This Black Berkey filter, filters out most of these questionable chemicals many of these chemicals are filtered down to 99.99% and more.**

**A pair of Black Berkey filters will filter up to 6000 gallons of water and 4 Black Berkey water filters will filter up to 12,000 gallons of pure clean water, that is half my swimming pool worth of water before you have to clean the filters. A pair of Black Berkey water filters cost about \$107 for 2 water filters**

**but this is a very good investment verses the camping type water filters where the filter cost you \$35 to \$45 and must be replaced after filtering about 50 gallons of water, ouch!!! This makes the Black Berkey water filter a real steal...**

**IF fluoride is a concern to you, the Black Berkey water filter will reduce Fluoride but to get it down to less than 99% Fluoride free you will need to buy an additional PF2 Fluoride filter and that unit cost about \$39 for a pair of these filters. These PF2 filters attach to the bottom of the Black Berkey water filters. You can find these filters on Ebay.**



Here are your filters at the top we have the domed ceramic water filters \$40 and below we have the Black Berkey water filters about \$107. But a pair of Black Berkey filters will filter up to 6000 gallons of water and then will need to be cleaned or replaced.



You will need two plastic food grade, 6 gallon pails with lids. The reason we use Food Grade plastic pails is normal (non food grade) plastic pails have chemicals that can leach into your water, so pay the extra for Food Grade pails. You can find these on Ebay if you can not find them at a bakery, grocery store, ice cream parlor, restaurant etc.



The Bottom of your TOP pail should look like this.



When drilling the bottom of the TOP pail be sure to place it on the top of the lid that will be on the bottom pail this way you will drill both holes at the same time and they will be sure to match up with the drain spouts that come off the filters. Drill two ½” holes like we show here.



Now install the filters in the bottom of the TOP pail, we choose the Berkey filter but you can use the Ceramic filter just as well. Be sure to put a washer between the filter and the bottom of the pail and then tighten the wing nuts snug but not too tight, remember these are plastic fittings.



Take the second pail and drill a  $\frac{3}{4}$ " hole near the bottom of the pail and put in your spigot and be sure to place a rubber washer on the inside and the outside of the pail and tighten the plastic nut until water tight. Keep in mind, it's plastic so don't over tighten. You can find these spigots at about any hardware or on Ebay. What I do is I place this unit on a table in the kitchen or dining room and have the water spigot hanging over the edge of the table it sits on. Then I place a 5 gallon plastic pail underneath to catch any spillage.



**Here is what the Berkey PF2 filter looks like. These reduce Fluoride down to less than 99% Fluoride free. A pair of these, ad on filters will cost you about \$39 on ebay.**

REMEMBER if you are filtering water from any questionable source (river, pond, stream, lake, swimming pool etc.) pre-treat the water first with bleach or Calcium Hypochlorite (swimming pool shock) about an hour before filtering and drinking. Use a swimming pool test kit to test for Chlorine level it needs to be .5 to 1.0 PPM probably the lowest measuring level on your test kit. After it sits a full hour then you can filter and drink it OR let it sit with the top off for a full 24 hours for the Chlorine to dissipate down to below .5 PPM and then you can drink it.

REMEMBER Chlorine is a poison treat it with respect and DO NOT drink any water that has greater than .5 PPM Chlorine as it can kill you OR make you very ill.

**Keep in mind that water filters do not filter out viruses, so (if) you are forced to filter and drink questionable water you should pre-treat your drinking water with bleach or Calcium Hypochlorite and after it sets about one hour then you can filter it and drink it.**



Here is what your finished product looks like. Now, your ready for fresh clean water, and with two Black Berkey filters you can get up to 6000 gallons of clean water before you have to clean or replace the filters.

NOTE: If you are using the Black Berkey filters you will need to condition these before you use them. They provide a thick foam washer with your filters. You take the washer and put it on the end of the drain spout at the bottom of your filter, now you place the filter with the washer against a faucet, using your hands to help form a seal you try to force water from the faucet back into the filter, so as to make it bulge out just a little. Instructions should be included with the filters to explain this procedure also. Please keep in mind this procedure **MUST** be done for the filter to work properly.

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