

TOP METHODS OF FILTERING OR PURIFYING WATER

Carbon or Ceramic Filters

1. Allow water to pass through filters/purification elements while catching pure water in a clean reservoir.

Caution: Many Filters only filter/clean water, they do NOT purify it.

Boiling

1. Bring water to a rolling boil for at least 1 Minute.

*At higher elevation, you should boil for at least 3 - 5 minutes.

Chlorination

1. Add 8 drops chlorine or chlorinated bleach per gallon or 2 drops per quart.
2. Stir well and let sit for 30 to 45 minutes.

Distillation

1. Dig a hole in the ground and place a cup or container in the bottom center of hole.
2. Put vegetation around the container.
3. Drape a sheet of plastic over the top of the hole.
4. Secure plastic over hole with sand or rocks.
5. Put a small rock in the middle of the plastic, directly over the container.

*This creates a funnel shape that will direct the evaporated water into the container.

Plant Condensation

1. Tie a clear plastic bag over a leafy part of a plant or small tree branch.

*Some plants produce poisonous arsenic. Be very careful with this method.

Iodine & Other Tablets/Drops

1. Amounts & strengths vary widely. Follow instructions on iodine or chlorine dioxide etc. tablets or drops packaging.

"Slow Sand" Filters

1. Cut the bottom off a 2-liter plastic bottle.
2. Tip the bottle upside down and put a piece of cloth in the mouthpiece.
3. Fill with 5" or more of ground charcoal.
4. Add a 3" layer of sand on top of ground charcoal layer (can separate layers with cloth)
5. Add 2" small gravel over sand layer.
6. Run water through system several times until it runs clear for best results.

Hot Rock Boiling

1. Heat smooth rocks in camp fire until very hot.
2. Carefully Put hot rocks into your water reservoir or heat-resistant container. Allow water to boil for at least 3-5 minutes.

Pasteurizing

1. Heat water to 160 degrees (or more) for at least 6 minutes.

UV Light Devices

1. Expose water to the emitted UV rays for about 30 seconds.

*These devices are not as effective with water containing large particles.

Solar Disinfection

1. Fill a clear plastic or glass bottle with water and expose it to maximum sunlight for at least one day. *If skies are overcast, you may need 2-3 days to disinfect the water.

Tips

1. Start with cleanest water possible & pre-filter through fabric or other before purifying.
2. Avoid cross-contamination by ensuring drinking containers never touch raw water.

Berkey Water Filter Folks

Better Than Bottled and Less Than .02 Per Gallon!

HOW TO MAKE YOUR OWN HOMEMADE WATER PURIFIER

Here's what you'll need:

- (2) Large Food Grade Buckets (Buy at local stores or get used from restaurants or bakeries.)
- (1) Spigot, and
- (2 to 8) Black Berkey Purification Elements
(The More You Buy The Cheaper They Are!)



FOR HELP WITH YOUR HOMEMADE WATER PURIFIER, PLEASE VISIT US AT WWW.BERKEYWATERFILTERFOLKS.COM