

How To Use A Stainless Steel System In An Emergency

Multipure's Aquaversa, Aquaperform, and Aquamini stainless-steel systems can also be used during an emergency. Your stainless-steel system can be used to filter water in locations with little to no water pressure in a few quick steps.

Items Needed

- Stainless-steel system (Aquaversa, Aquaperform, or Aquamini)
- 2 buckets (one for your source water, one for your filtered water)
- Sanitizing Tablets or Bleach

How To Filter Your Source Water

1. Remove the lid to your system. (For below sink systems, the cold-water line supply is shut off to your system.)
2. The inlet (red) can be disconnected or left attached for this part. We will be focusing on the outlet tube (blue) and filter.
3. Fill one of the buckets or containers with at least 2 gallons of untreated water.
 - a. Disinfect the water, if possible, using the following guidelines:
 - i. Boil the water for at least 1 minute
 - ii. Disinfect the water with household bleach (5.25% sodium hypochlorite). The American Red Cross instructs 16 drops of bleach be added to every 1 gallon of water to be treated. Stir the bleach/water solution and let it stand for 30 minutes. If the water does not have a slight bleach odor, repeat and let the bleach/water solution stand for another 15 minutes.
4. Submerge the lid and filter into the bucket
5. Place the bucket and filter assembly on top of a stable, elevated location (approx. 4- 6 ft high).
6. Grab your second bucket and place it below the first bucket. Gravity is important for the operation of the siphon.
7. Create a siphon to begin the water flow through the filter.
 - a. For below sink systems, suck on the end of the blue tube like a straw until water begins to flow through the tube. This process may take several minutes
 - b. For counter top systems with a hose and diverter valve, loosen the bolt near the diverter valve. Pull the hose until it detaches from the diverter valve. (Make sure you are grabbing the outlet side- blue side). Suck on the end of the tube like a straw until water begins to flow through the tube. This process may take several minutes.

8. Lower the end of the tube to direct water into the clean water receptacle.
9. Once the clean water receptacle is full, raise the end of the hose until water stops flowing, but do not break the syphon.
10. To restart the siphon, lower the tube back to an empty receptacle or open the valve. The siphon can be started again if there is enough source water in the bucket to cover the entire filter assembly.
11. Refill the source water bucket & disinfect (if necessary.)



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