



Home Shock Chlorination

Procedure to disinfect household lines using a cartridge filter to hold the chlorine.

Household lines need to be disinfected periodically when no chlorine residual is present. This includes after carbon filters and when an Ultra-Violet sterilizer is used for disinfection.

- 1) Turn off water – at the cartridge filter if possible.
- 2) Turn off the supply to a reverse osmosis system. This should be sanitized separately.
- 3) Bypass any carbon filters.
- 4) Bypass water softener.
- 5) Remove the bowl from the cartridge filter housing.
- 6) Pour 5 ounces of granular chlorine into housing, on the outside of the filter cartridge. Granular chlorine has proven to be more effective than liquid bleach as it will dissolve slower and will allow more complete disinfection of all lines.
- 7) Run all cold water that is connected after the ultra-violet sterilizer, including toilets, outside taps, etc. until a strong chlorine odor is evident.
- 8) Run every hot tap until the chlorine odor is present. You may need to run the hot water until it is cold.
- 9) Let sit for at least ½ hour.
- 10) Clean out cartridge filter housing.
- 11) Run cold taps until the chlorine smell is gone and the water is clear.
- 12) Run hot taps at full flow until the chlorine smell is gone and the water is clear.
- 13) Pour 8 ounces of bleach into the water softener brine well, turn on the water softener, and initiate a manual recharge.
- 14) Repeat each spring and fall as required.