

INSTRUCTIONS FOR DISINFECTION OF POTABLE
WATER SYSTEMS ON RECREATIONAL VEHICLES

To assure complete disinfection of your potable water system, it is recommended that the following procedures be followed on a new system, one that has not been used for a period of time, or one that may have become contaminated.

1. Prepare a chlorine solution using 1 gallon of water and $\frac{1}{4}$ cup of household bleach (sodium hypochlorite solution). With tank empty, pour chlorine solution into the tank. Use 1 gallon of solution for each 15 gallons of tank capacity. This procedure will result in a residual chlorine concentration of 50 ppm in the water system. If a 100 ppm concentration is required as discussed in item 3, use $\frac{1}{2}$ cup of household bleach with 1 gallon of water to prepare the chlorine solution. One gallon of the solution should be used for each 15 gallons of tank capacity.
2. Complete filling of tank with potable water. Open each faucet and run the water until a distinct odor of chlorine can be detected in the water discharged. Do not forget the hot water taps.
3. Allow the system to stand for at least 4 hours when disinfecting with 50 ppm residual chlorine. If a shorter time period is desired, then a 100 ppm chlorine concentration should be permitted to stand in the system for at least 1 hour.
4. Drain and flush with potable water.

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PERIODIC DISINFECTION OF RECREATION VEHICLE POTABLE
WATER DISTRIBUTION SYSTEMS PRIOR TO STORAGE OR USE

Whether a recreational vehicle is new or used, its potable water system should be disinfected and maintained to prevent contamination of the water system.

After initial disinfection as described in "Instructions for Disinfection of Potable Water Systems on Recreational Vehicles," water in the recreational vehicles should preferably be filled from an approved water supply. If such a supply is not available, the owner can disinfect his own water by adding 8 drops of household bleach (sodium hypochlorite solution) for each gallon of tank capacity.

During long periods, such as overwinter, the following procedures are recommended:

1. Disinfect the water system with 50 ppm chlorine, and let the solution remain at least 4 hours, as described in the "Instructions for Disinfection of Potable Water Systems in Recreational Vehicles." If desired, a 100 ppm chlorine solution can be used and let remain for at least 1 hour.
2. Flush the system with potable water.
3. Drain the system completely.
4. Seal the system.
5. In some climates the addition of a potable type anti-freeze may be desired for freeze protection.
6. Prior to reuse, flush the system and disinfect as in number 1 above.
7. Flush the system with potable water.

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