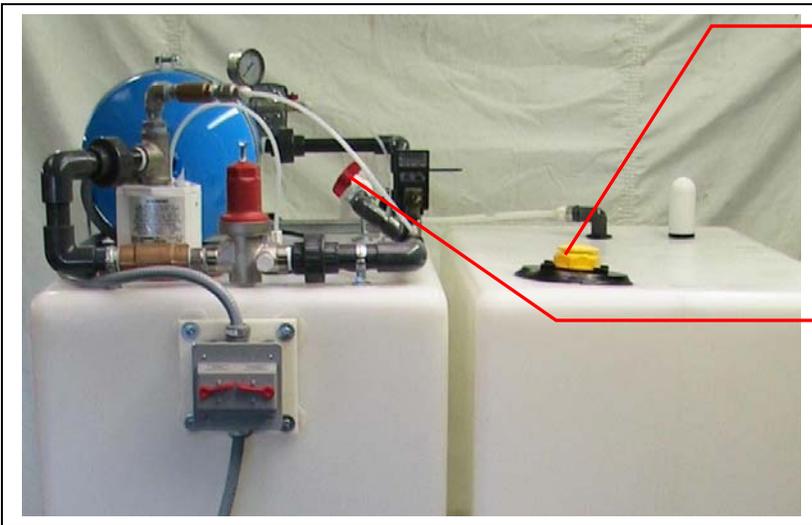


Chlorinating Emergency Shower System For Extended Water Storage



Pour chlorine in through lid on tank 2

After pouring chlorine in open the $\frac{3}{4}$ " valve on tank #1 and allow the water to circulate from tank 1 to tank 2 until the chlorine is thoroughly mixed.

Treating Stored Water

When storing water in tanks for extended periods, some treatment may be required to suppress algae and bacterial growth. Often the easiest way to do this is to chlorinate the water to obtain 1-2 ppm chlorine residual. You can use a pool test kit to determine chlorine levels. We suggest 1 ounce of liquid pool chlorine (12% dilution) per 100 gallons of stored water for the initial shock treatment. Each tank holds 200 gallons.

Add chlorine to tank #2 through the access lid near the front of the tank top and, with the power switches on, open the $\frac{3}{4}$ " valve in the picture above to circulate the water between the two tanks until the water and chlorine are thoroughly mixed..

The chlorine level should be tested once a month. This will assure that chlorine levels are maintained. Chlorine addition after the initial shock chlorination will require less. This amount varies depending on the water and interval so you will need to experiment to find the correct amount for your circumstance. Do not over chlorinate because chlorine can irritate the eyes of a person using the eyewash.

Always make sure the $\frac{3}{4}$ " valve is off and the pump shuts down before you leave the system following maintenance.

The pump motor produces heat and will result in warming of the tank contents if the $\frac{3}{4}$ " valve is left open. This can be helpful in raising tank water temperature to obtain minimum 60°F when first starting the system or when adding water to a system. If you leave the system running unattended with the $\frac{3}{4}$ " valve open it is likely that the tank water temperature will become dangerously high which could injure someone or damage the system.

Always verify that the $\frac{3}{4}$ " valve is closed, the shower supply valve is open and both power switches are UP before you leave the system.

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