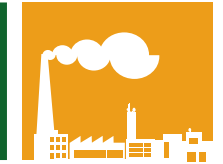


## Portable Aseptic Emergency Water System



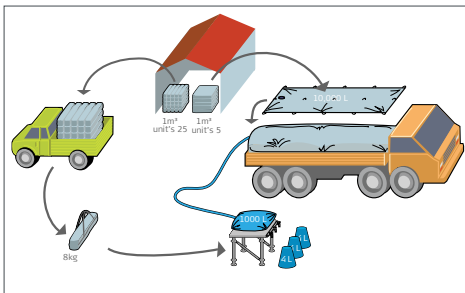
### Portable Aseptic Emergency Water System

When disaster occurs, the lack of clean drinking water and drinking water supplies can affect millions.

Storage Tank Solutions introduces a portable aseptic emergency water supply system that can be deployed to transport and distribute clean drinking water in the aftermath of natural or manmade disasters.

The system comprises extremely durable water pillow tanks in a range of sizes for transporting, supplying, and distributing water where it's needed.

The system integrates into local, regional, and national emergency preparedness programs. Utilizing local resources only, the STS system forms an efficient solution for bringing and distributing drinking water to those in need.



### High-volume water pillow tanks

These aseptic, large-volume thermoplastic reinforced sheet containers hold up to 3,100 gallons (12 m<sup>3</sup>) of potable water. Loaded empty (flat) onto the beds of trucks, the pillows are filled at safe drinking water source, and are then ready for transport. They do not require special infrastructure or tools for filling. The aseptic liner is FDA approved and maintains water purity (no contaminants or pathogens).

Pillows fill (or empty) by gravity or with the optional gas-powered pump.



## Portable, flexible water pillow tank

Completely frameless, the portable, flexible water pillow tank is formed from a sturdy thermoplastic reinforced outer bag surrounding an inner bag of aseptic comply with FDA approved. When the inner bag is filled, the water exerts pressure to form stable, portable storage tanks.

The pillow tank can be filled directly from the high-volume water pillow tank. Place on platforms for easy filling and refilling. Connect to a central system for simultaneous distribution from the same tank.

Used as a standalone product or integrate into an overall delivery/distribution system.

**Tank components easily disassemble and store with other emergency equipment. The inner aseptic bag is disposable, but can be stored up to 10 years when not in use; reusable outer bag stores in a lightweight bag. The design facilitates rapid deployment and easy storage.**

Each portable, flexible pillow tank has an inlet and outlet. Range of sizes: 500–2,000 liters (130–530 gallons).

## Features

**Maintains water purity** — pathogen and contaminant free

**Intuitive assembly for fast deployment** — no special tools or training required

**Compact**, space-saving design for easy storage

**Extremely cost-effective** — no infrastructure to maintain

**Optional electric** 12V or gas powered pump

**When stored**, the volume is 1/25 of the filled tanks Very lightweight and extremely portable (one person can carry it)

## Assembly

The STS portable emergency water system can be assembled quickly without any special training or tools. All materials (except for the optional pump and replacement inner bags) are included.

## Applications

STS's portable emergency water supply system provides emergency and disaster relief and has applications in agriculture, industry, and defense. Beside water distribution and storage, it can be used to transport, distribute, and store foodstuffs, grains, powders, and other raw materials.

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