



SunRay 30 Solar Water Pasteurizer Frequently Asked Questions

The SunRay 30 simply stated:

The SunRay 30 is an effective, low-cost, long-term solution to the worldwide contaminated drinking water crisis.

Why is the SunRay 30 needed?

The impact of contaminated drinking water is staggering:

- * 1.2 billion people do not have access to safe drinking water
- * 5 million people, mostly children, die each year from diseases caused by contaminated water
- * 80% of all illnesses and 50% of hospitalizations in the developing world result directly from waterborne pathogens
- * At any one time, approximately 1 billion people are sick from diseases contracted by consuming contaminated water
- * The leading cause of death in the developing world for children under the age of five is waterborne diseases.

What is the SunRay 30?

The SunRay-30 is an innovative and revolutionary way to provide safe, pure water. Invented by Safe Water Systems, they use only the heat of the sun to disinfect drinking water.

Solar Water Pasteurizers combine solar water heating with pasteurization. Pasteurization achieves the same results as boiling, but at a lower temperature.

How does the SunRay 30 work?

Making safe, pure water couldn't be easier. Simply pour water in, set it out in the sun and in 1-1/2 to 2 hours the water will be disinfected. On very sunny days up to four batches can be treated. Each batch disinfects 7.5 liters.

Is the SunRay 30 effective?

Yes! Independent laboratories confirm that our *Solar Water Pasteurizers* are 99.999% effective in destroying all disease-causing viruses, bacteria, protozoa, spores and worms.

How do you know when the water is safe to drink?

A visual indicator shows when the water has been heated enough to completely kill all harmful organisms. The indicator is simply re-inserted and re-used for the next batch.

What are the key features of the SunRay 30?

- * Disinfects water without electricity, fuel, chemicals, or water pressure
- * Simple low-tech design offers long-term reliability—10+ year life
- * Rated a “superior” disinfectant by US Dept. of Energy (highest rating)
- * No installation or maintenance required, no technician needed

What are the key benefits of the SunRay 30?

- * Low-cost; disinfects water for less than U.S. \$0.001 per liter
- * Low per-capita cost: U.S. \$1.50 per person per year
- * Prevents illness and death
- * Dramatically improves health of children and adults
- * Permanent, long-term solution to contaminated water crisis
- * No on-going expenses, supplies or replacement parts

How does the SunRay 30 compare to other water disinfection products?

The **SunRay 30** is superior to, and offers many advantages compared to boiling, chlorine, household filters, ultra violet, and sand filters.

The SunRay 30 - How big is it? How much does it weigh?

Dimensions: 31" x 24" x 3.5" (79cm x 61cm x 9cm)

Weight: 10 lb. (4.5 kg)

How much does the SunRay 30 cost?

Please refer to the Safe Water Systems price list/order form

Where can I learn more about the SunRay 30 and other Solar Water Pasteurizers?

Visit www.safewatersystems.com for more information