

Living Waters For the World Clean Water Systems

- Standard (Std) System -

Living Waters for the World's point of focus in response to the massive, world-wide water crisis is in the cleaning of available but contaminated water for communities in need.

Our approach is to **train** and **equip** others - individuals, church teams, service groups, and other organizations - in the front-line skills necessary to transform contaminated water into clean, safe water for human consumption.

Our **Standard (Std)** design is at the heart of all of our **small-scale, community-sized systems** which are owned and operated by local partnerships. This arrangement empowers a community or organization to provide its own clean water with a system that is simple, affordable and sustainable.

Because many different contaminants may make water unsafe to drink, Living Waters for the World has developed a variety of solutions to address such problems. Proper testing of water can identify those problems. Additional modular units may then be individually or collectively added to offer expanded treatment options to this '**core**' board.



Std System:

Purpose:	bacteriological disinfection; removal of chlorine-resistant organisms
Design:	batch treatment process, with an integrated bottling station
Capacity:	based on tank size; typically a 300-gallon tank
Process time:	300 gallons per hour at 5 gpm per batch
Delivery:	tanks may be ground-mounted for use as a bottling station or elevated for a gravity-fed system, up to 200 feet away
Key methods:	filtration, microfiltration and Ozone (left) or UV (right) disinfection
Electrical:	1 KW needed and may be operated by generator or solar power, 110 / 60 electricity is standard, 220 / 50 & 60 equipment is available
Installation cost:	hardware - \$3000; tank stand, if necessary - \$1200
Operational costs:	per 100,000 gallons: one-half cent to one cent per gallon, incl. replacement parts (not labor)
Micro-business option:	possibilities and particulars spelled out in our Covenant
Parts availability:	key components provided at cost, plus shipping & handling, through LWW's Fulfillment Center in Louisville, KY (accessed via our web site).