

VillageWater

Safe Drinking Water for 250 - 500 Villagers per Day

Features:

- Completely Self-Contained
- Solar Powered with Foot Pump
- Assembles in Less Than an Hour
- Save Lives with Awesome Water Quality
- Reach Remote Villagers with VillageWater's Compact Design
- Operate for Years in Remote Wilderness with Minimal Maintenance



Specifications:

Maximum Flow Rate	190 liters / hour (50 gallons / hour)
Disinfection Rate	U.S. EPA quality: bacteria and viruses
Dimensions	1.2 m x 0.9 m x 0.6 m (4 ft x 3 ft x 2 ft)
Weight	54 kg (120 lbs)
Power Source	17 W solar panel and foot pump (included)
Operating Temperature	2 °C to 43 °C (35 °F to 110 °F)
Maximum Water Temperature	32 °C (90 °F)
Design Life	5 years (at a maximum of 27 bulb starts / day)

A prior version of VillageWater has been demonstrated to remove more than 99.9999% of bacteria and more than 99.99% of viruses at flow rates up to 2,650 liters per hour from visually clear water at 25 degrees C under circumstances similar to the United States Environmental Protection Agency's Guide Standard and Protocol for Testing Microbiological Water Purifiers during testing performed at The University of Arizona, Tucson, AZ, USA.

VillageWater is not designed to handle dissolved solids, total organic carbon or turbidity above 5 NTU.