

Alternative Energy Microbiological Water Purifier

~4.5 gpm, 2000 – 5000 gpd*

Surface Water
Ground Water
GWUDI**
Recycled Rain Water

* Environmental conditions including amount of sunlight and quality of raw water will contribute to actual system efficiency which determines number of gallons per day.

** Ground Water Under the Direct Influence of Surface Water



Worldwide Applications

- Developing Nations
- Camp Grounds
- RV Parks
- USFS
- NPS
- State Parks
- Emergency Response
- Disaster Preparedness
- NGOs
- Mission Groups
- Gas, Oil & Construction sites
- Marinas
- Golf Courses
- Green Businesses
- Green Residences
- Remote Cabins & Getaways
- Work Camps
- Military Organizations

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Contact info:

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SUNSPRING™

Solar Powered Microbiological Water Purifier

Technical Specifications

Maximum Peak Flow Rate (LPM/GPM)	Up to 17/4
Minimum Water Temperature (°C/°F)	>0/32
Maximum Water Temperature (°C/°F)	<38/100
Approximate Flush Volume (litres/USgal)	45/12
Total System Efficiency	>95%
System Voltage (VDC)	24 VDC
Maximum Suction Lift, Standard Pump	<8'
Maximum Lift Submersible Pump	<200'
Maximum System Pressure	55 psi

Standard Equipment:

- 1 GE Ultrafiltration Membrane Module
- 2 Solar Modules
- 4.5 gpm pump
- Pre-Filter
- Raw and Finished water plumbing
- 24" Diameter Aluminum Diamond Plate Enclosure
(additional 4' required on top for solar panels)
- Installation and training manual
- Maintenance Kit
- Tool Kit
- Automatic Backwash and Solar Controller

Optional Equipment for Custom Installations:

- Higher Capacity
 - Larger pumps
 - Additional solar modules
 - Additional GE Ultrafiltration Membrane modules
 - Larger can (36" diameter)
- Drinking water fountains
- Spigots for filling large containers
- Pre-Filters
- Service line connections
- Pressure tanks
- Detention tanks
- Chlorinators
- Deep well pumps
- Rhino Lining
- Private Labeling (Logos)
- Insulated and heated all season Sunspring is available
- GAC (Granular Activated Carbon Pre-Filters)

Please note: membranes must be kept from drying out and/or freezing

General Information:

Businesses and small communities in remote locations can now take advantage of the same membrane technology used by large-scale water treatment plants in a compact, self-contained alternative energy design.

The Sunspring provides potable water tested and certified by WQA Gold Seal Program according to the US EPA Microbiological Guide Standard by removing 99.999% of pathogens from virtually any water source including rivers, lakes, streams, ponds, shallow wells, rain water, unsafe municipal supplies and springs.

Features & Benefits:

- Utilizes only solar power and can be used in remote locations, all around the world
- Membranes physically block out and remove 99.999% of pathogens from water supply
- Significantly reduces colloids, turbidity, and organics
- Utilizes the same membrane technology chosen by large-scale water filtration plants
- Effectively treats ground, surface or cistern water sources at the point-of-entry
- Automated and efficient self-cleaning cycle flushes impurities
- Requires minimal water pressure to operate efficiently
- Rain water harvesting for reuse as drinking water

Sunspring Models:

Sunspring SS24
Sunspring SS24DPR
Sunspring SS24RWH
Sunspring SS36
Sunspring SS24MS

Technical Overview:



healthymagination



WQA Tested and Certified to the US EPA Microbiological Guide Standard