



Hybrid
SUNSPRING™
innovativeh2o.com

Innovative Water Technologies

Alternative Energy - Decentralized Microbiological Water Treatment System



Worldwide Applications

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

www.innovativeh2o.com

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SunSpring^{Hybrid}

Solar Powered Microbiological Water Treatment System

Technical Specifications

Peak Flow, Pressure System (LPM/GPM)	Up to 34/9
Peak Flow, Standard Pump (LPM/GPM)	Up to 17/4.5
Peak Flow, Submersible Pump (LPM/GPM)	Up to 15.5/4.1
Minimum Water Temperature (°C/°F)	>0/32
Maximum Water Temperature (°C/°F)	<38/100
Approximate Flush Volume (litres/USgal)	45/12
Total System Efficiency	>92%
System Voltage (VDC)	24 VDC
Maximum Suction Lift, Standard Pump	<8'

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™ Hybrid physically removes particulate, turbidity, bacteria, virus and cysts from virtually any water source including rivers, lakes, streams, ponds, shallow wells (GWUDI), rain water, unsafe municipal supplies and springs.

Standard Equipment:

- 1 IWT-275 Ultrafiltration Membrane Module
- 2 Solar Modules and Wind Turbine
- Gravity @ 50 psi. = Up to 7,500 GPD
- Pump 4.5 GPM, up to 5000 GPD (18,925 Liters/Day)
- Pre-Filter Assembly, Stainless Steel Pre-Filter
- Raw and Finished Water Plumbing
- 24" Diameter Aluminum Diamond Plate Enclosure
- Installation and Training Manual
- Tool Kit, Maintenance Kit, Spare Parts Kit
- Automatic Controllers – Solar, wind and backwash
- 12 VDC Plug - Charging Station with 3 Plugs
- Digital Flow Meter (Instantaneous and Totalizer)

Features & Benefits:

- Utilizes solar power and wind so 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
- Automated and efficient self-cleaning cycle flushes impurities
- Requires minimal water pressure to operate efficiently
- Rain water harvesting for reuse as drinking water

Optional Equipment for Custom Installations:

- Charging Station (12VDC and/or USB)
- Pre-Filters (Stainless, Paper, Carbon, or Specialty)
- AC Charge Maintainer
- Submersible Pump Package
- Private Labeling (Logos)
- Insulated and Heated All Season SunSpring™ Hybrid is available
- Solar Module Tri-Pod Package
- Automatic Chlorinator



For more info
visit our Website



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

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