



Alternative Energy Microbiological Water Purifier

Featuring GE Homespring™ Ultrafiltration and GE Energy Solar Modules

~4 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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SUNSPRING™

Solar Powered Microbiological Water Purifier

Technical Specifications

Maximum Peak Flow Rate (LPM/GPM)	Up to 17/4
Minimum Temperature (°C/°F)	>0/32
Maximum Temperature (°C/°F)	<38/100
Approximate Flush Volume (litres/USgal)	45/12
Total System Efficiency	>95%
System Voltage (vDC), 170 watt	24 VDC
Maximum Required Lift	<8'
Maximum System Pressure	55 psi

Standard Equipment:

- 1 GE Homespring UFC 211
- 2 solar modules
- 3-4 gpm pump, shallow well
- 24 vDC controller
- 20 micron reusable prefilter
- Finished water plumbing connections
- 24" diameter by 92" "Can" enclosure for all components
(additional 4' required on top for solar panels)
- Installation and training manual
- Maintenance Kit
- Tool Kit

Optional Equipment for Custom Installations:

- Higher Capacity
 - Larger pumps
 - Additional solar modules
 - Additional GE Homesprings
 - Larger can (36" diameter)
- Drinking water fountains
- Spigots for filling large containers
- Prefilters
- Service line connections
- Pressure tanks
- Detention tanks
- Chlorinators
- Deep well pumps
- Insulated and heated all season Sunspring is available

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 high-quality potable water by physically removing pathogens, particulates and turbidity from virtually any water source including rivers, lakes, streams, ponds, shallow wells 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 pathogens and particulates 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 waterpressure to operate efficiently
- Rain water harvesting for reuse as drinking water

Technical Overview:

The SUNSPRING™ system proudly features the GE Homespring Central Water Filtration System. The Homespring removes pathogens, particulates and turbidity from the water supply. Millions of microscopic pores on the membrane surface allow water molecules to pass freely through the membrane, but contaminants which are much larger in size are effectively blocked out of the drinking water distribution system.



The GE Homespring System is tested and certified by NSF International against NSF/ANSI 42 and 53 for: Cyst Reduction Turbidity Reduction Particulate Reduction – Class 1 Chlorine Taste and Odor Reduction

The Homespring UF200 Central Water Filtration System should only be used to filter water that is cold. The Homespring UF200 Central Water Filtration System conforms with ANSI/NSF 42/53 for the specific performance claims as verified and substantiated by test data. Visit www.homespring.com