

SPS W 2500-UF

(Member of the LIFE IN A BOX Family)



The SPS W 2500 UF uses the Ultra Filtration (UF) process in a portable water solution for remote locations, disaster relief needs, humanitarian assistance missions or permanent installation in a minute package. The UF system, used predominantly in Municipal Water Treatment facilities throughout the USA, can produce up to 2500 gallons of clean water per day from fresh water sources. It consumes very little energy (less than two light bulbs) and produces tremendous yields with little to no waste water. This is the 80% solution for the majority of the worlds needs in water filtration. SPS W2500UF is a Point Of Use, Point Of Generation system designed to minimize the logistical challenges and dramatically reduce the “fully burdened cost” of water in any part of the world for any organization.

Features

- ✔ Simplistic operations – No monitoring needed
- ✔ Standard 3/4 inch garden hose attachment adapter
- ✔ Operational Instructions on lid (foreign languages)
- ✔ Well operations up to 100 feet with feeder pump
- ✔ Capable of operations with only water pressure
- ✔ Separate distinguishable input and output tubing
- ✔ All Corrosion resistant construction
- ✔ MILSPEC Case and waterproof
- ✔ UF membrane
- ✔ NSF Certified components
- ✔ No Power On/Off Switch
- ✔ Quick Disconnect hoses
- ✔ 24 VDC Submersible Pump
- ✔ 10 Foot Battery cable set
- ✔ Charcoal Block Post Filtration
- ✔ High volume pre-filtration filter
- ✔ Backflush capability for UF membrane: accumulator system
- ✔ Ultra High Efficiency power circuitry for pump motor
- ✔ Pressure drop auto kill switch-prevents running dry
- ✔ Multiple power source capable (200 watt continuous)
 - 12 Volt car/motorcycle batteries (2x)
 - Solar Power
 - NATO Connection receptacle
 - AC Power (110-220)

FILTRATION SYSTEM SPECIFICATIONS	SPS W 2500UF
Membrane Size	4" x 21"
Production Rate	2500 GPD, 1.75 GPM
Electrical Voltage	24 Volts DC
Motor Rating	3/4 HP
Pump Flow Max	117 GPH
Unit Dimensions	29"Wx16"Dx15"H
Dry Weight (lbs)	35 LBS

OPERATING SPECIFICATIONS	
Minimum Feed Pressure	5 PSI
Operating Pressure	35 PSI
Max Hardness of water	20 Grains
Max Water Temperature	105°F
Max Chlorine (Continuous)	3 PPM
Max Total Dissolved Solids	3000 PPM
PH Range	4-11
Turbidity	250
Max Total Suspended Solids	600 PPM
Iron, Manganese, Hydrogen Sulfide	0 PPM

Available Accessories

- ✔ NATO Slave Receptacle Power cable
- ✔ AC/DC Converter
- ✔ Deep Well Augmentation
- ✔ Solar Panel Set with Case – 220 Watt Blanket
- ✔ 10 or 50 foot NATO Connector Cable
- ✔ High Volume Feeder Pump
- ✔ Storage Tanks
- ✔ Additional 25 foot water hose sections with power chord
- ✔ US Garden Hose adapter to other tube standard
- ✔ Free standing Pole mount stand for panel and unit

Consumables

- ✔ UF Membrane
- ✔ Feeder Pump filtration socks
- ✔ Pre-Filter
- ✔ Post Filter