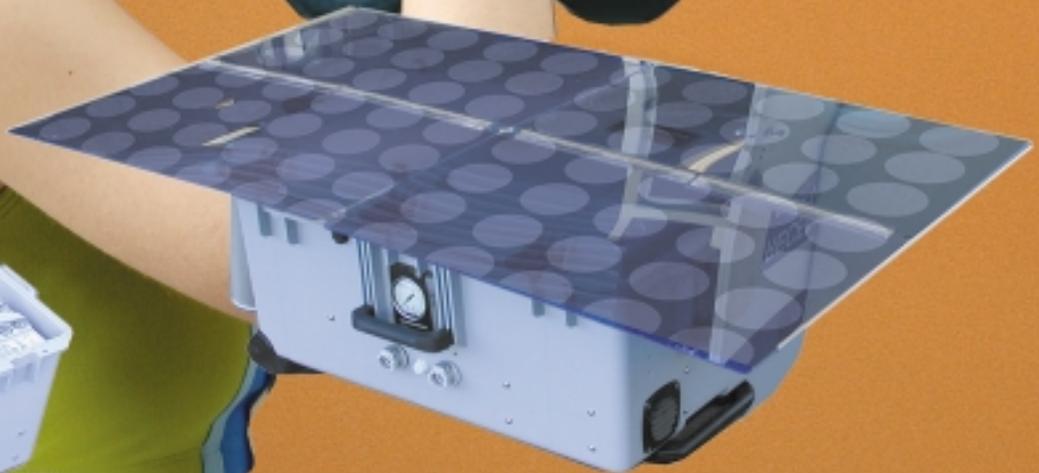




SPECTRA
WATERMACHINES™

Aquifer 150

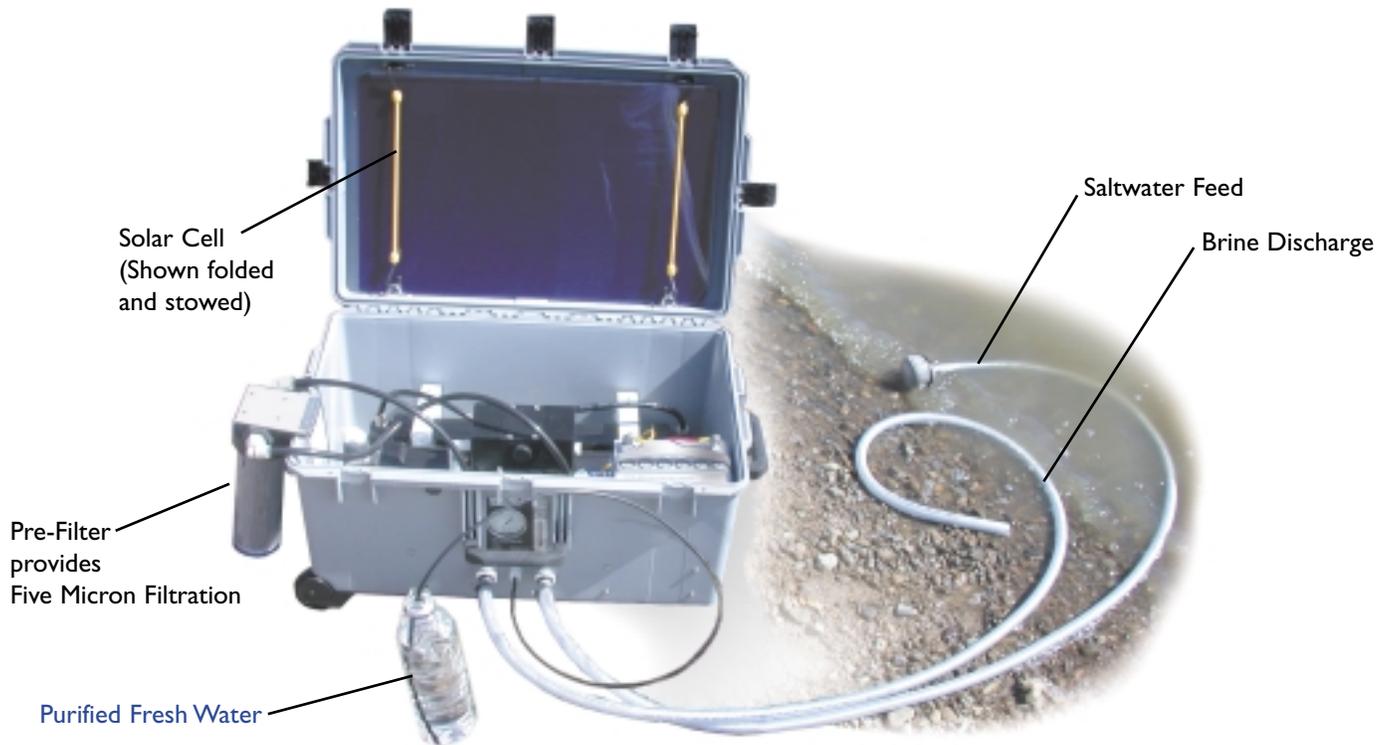
Make Fresh Water Wherever You Go!



150 Gallons of Delicious Fresh Water per Day

Aquifer 150

The "Must Have" for small boats, RVs and serious survival kits



Finally! A portable Spectra Watermaker designed for *on the go* land use. These rugged watermakers are engineered for the mobile conditions in remote areas where good water is essential. The **Aquifer 150** system makes 150 gallons of purified fresh drinking water every day in almost any climate.

The **Aquifer 150** is:

- **Compact**
- **Light Weight**
- **Energy Efficient**
- **Self Contained**
- **Easy To Use**

The **Aquifer 150** is an affordable, light weight and compact watermaker installed in a shock resistant, non-corrosive case, ready to plug in and run. All you need is salty, brackish or fresh water (from a bay, lake or river) and a 12 vdc power source from your RV battery pack or the Aquifer's optional solar panels. The **Aquifer 150** comes with all the great features Spectra is renowned for: Simplicity, easy installation, quietness, energy efficiency. And it delivers over six gallons (24 liters) of fresh water per hour!

Ideal for use on your favorite beaches or bays

Spectra's Exclusive Intensifier Technology

Reliable as the sunrise, the Spectra High-Pressure Intensifier maintains the proper pressures in the membrane throughout a wide range of temperatures and water conditions without any adjustments or loss of product-water output. The composite construction is corrosion resistant for superior reliability. All this while producing 150 gallons a day! With an **Aquifer 150**, there's no reason to compromise your creature comforts while touring in your boat, RV or caravan. You'll have plenty of fresh water for showers and laundry with enough left over for washing your coach and gear.

Every **Aquifer 150** comes complete and ready to run. It includes a factory-mounted Spectra High Pressure Intensifier, a 20-inch membrane in a Spectra vessel assembly and diaphragm feed water pump enclosed in a corrosion proof impact resistant case. A feedwater pressure gauge, product water flow meter, Off/On switch and hand held salinity monitor are all standard features.

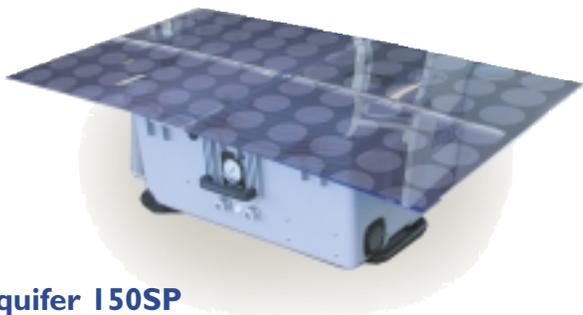
Aquifer Models



Aquifer 150PP

The **Aquifer 150** Power Pack (PP) system features a deep cycle battery and 120vac battery charger built into the system.

Aquifer 150PP can run for several hours directly off its battery and can be recharged from any 12vdc or 120vac power source. **Aquifer 150** can also run continuously when the system is connected to a main power supply or portable generator. Perfect for RVs!



Aquifer 150SP

The solar powered (SP) version, **Aquifer 150SP** includes the standard **Aquifer 150PP** with the addition of solar panels making the system self-contained for operation in sunlight with automatic regulation to prevent battery discharge. The high-efficiency Solara MPI100 solar panels fold-up and stow easily in the lid of Aquifer's case. Perfect for applications where no power source is available.

Aquifer 150M/360M

For marine use, Spectra offers the **Aquifer 150M**.



Similar to the **Aquifer 150PP**, the **150M** is specifically designed to run from your boat's 12vdc or 24vdc electrical system. This portable watermachine is perfect for recreational boats or off-shore racing yacht, whenever occasional water-making is required. This system is easily removed and stores elegantly in its rolling carrying case. For higher capacity water requirements (360 gallons per day), the **Aquifer 360M** is the perfect choice.

Aquifer 360EXP

Aquifer 360 Expedition

(EXP) is rated at 360 gallons of fresh water per day—15 gallons an hour!

This system is designed for expedition, military

and disaster relief and other applications where a high output of purified drinking water is the primary goal.

The **Aquifer 360EXP** has no internal power supply. The Expedition is available in 12vdc or 24vdc power models.



Monitoring Panel

Every **Aquifer** system is delivered with our exclusive Monitoring Panel.

Located on Aquifer's front panel, the Flow Monitor indicates feed water pressure

and fresh water output.

The Monitoring Panel is simple to understand and essential in operating and maintaining your Aquifer Watermaker.

Exclusive Swing-out Pre-Filter

To maintain your Aquifer's performance for many years to come, Spectra incorporates the exclusive Swing-Out Pre-Filter Module.

Changing the filter is easy and there's never a salt water mess inside the carrying case.



The Swing-Out Pre-Filter guarantees your product water's freshness.

The one year complete limited warranty is available through our worldwide distributor network. Ask your Spectra Dealer.

Continued on reverse side

Got an unusual application? Call a Spectra Tech at 415 526-2780

Aquifer 150 Specifications

WATER PRODUCTION

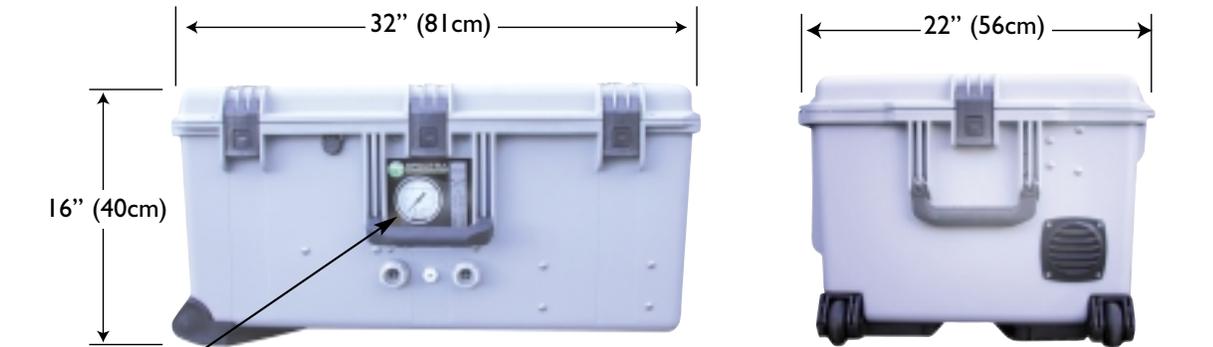
	Gallons per Day / Hr	(Liters per Day / Hr)
Output with 77°F/25°C seawater	150 / 6.3	(568 / 24)
Rated at 77°F (25°C) Seawater Temperature at 35,000 PPM Dissolved Solids +/-15%		

POWER REQUIREMENTS

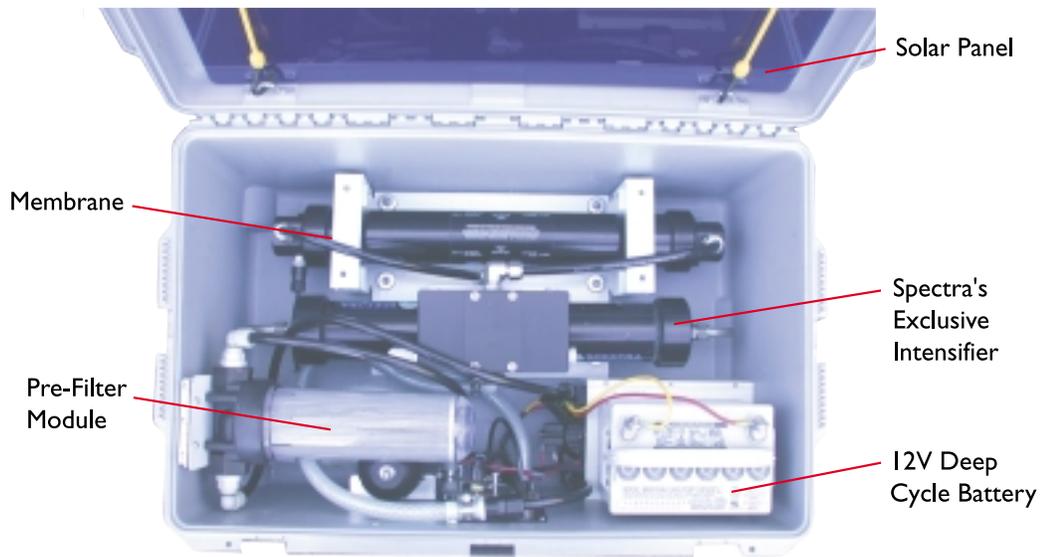
Pump Horsepower	1/8
Watt/Hr per Gallon	17
Amp/Hr per Gallon (12VDC)	1.4
Current Draw (12VDC)	9 Amps

SYSTEM TOTAL WEIGHT (Dry)

Aquifer 150	106 Lb (48.0kg)
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Monitoring Panel



Aquifer 150SP - top view, case open



SPECTRA
WATERMACHINES™

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