



SPECTRA
WATERMACHINES™

Aquifer

Make Fresh Water Wherever You Go!



150 to 360 Gallons of Delicious Fresh Water per Day

Make Fresh Water Wherever You Go!

Finally! Spectra Watermakers designed to be fully portable. These rugged watermakers are engineered for the part time racer, pocket cruiser or for any other mobile application in remote areas where good water is essential.

Aquifer 150M system makes 150 gallons (568 liters) per day.

For higher capacity requirements, the **Aquifer 360M** makes 360 gallons (1368 liters) of pure fresh drinking water every day in almost any climate. The **360M** has the option of running on a single feed pump for high efficiency or two pumps for high water capacity. If one pump should fail, the unit will still produce fresh water from the remaining pump. There are no complicated electronics, only simple mechanical controls and gauges.

The **Aquifer** is:

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

The **Aquifer** is an affordable, light weight and compact watermaker 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 12V DC or 24V DC power source from your boat's battery system.

In addition, the **Aquifer** comes with all the great features Spectra is renowned for: Simplicity, easy installation, quietness, and energy efficiency. And it delivers many gallons of clean potable fresh water! It's ideal for use

on your favorite anchorages, beaches, or bays. Set-up is quick and easy, and so is maintenance. In just minutes after set-up you will be enjoying fresh drinking water, with plenty left for bathing and cooking.



Aquifer 150 and 360 are compact and designed to transport easily

Exclusive Intensifier Technology

Spectra's **High Pressure Clark Pump 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 **Aquifer's** durable composite construction is corrosion resistant and easy to maintain and simple to use. All this while steadily producing over **150 to 360 gallons of fresh water a day!**

With an **Aquifer** there is no reason to compromise your creature comforts while cruising in your boat. You'll have plenty of fresh water for showers and laundry with enough left over for washing your boat and gear.

Whether you are cruising on your yacht, in your RV or you are making emergency preparations for the safety of your family, you are always





Making Fresh Water Was Never This Easy!

Aquifer's Monitoring Panel

Every **Aquifer** system is delivered with Spectra's exclusive **Flow 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.

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

Aquifer 150M and Aquifer 360M

The **Aquifer** is specifically designed to run from your boat's 12V DC or 24V DC electrical system. This portable watermachine is perfect for recreational boats or off-shore racing yacht, whenever occasional watermaking 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!

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 filters is very easy and there's never a salt water mess inside the car-

rying 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.

Other Uses and Applications for the Spectra Aquifer 150M/360M are:

- Sudden Emergencies
- Disaster Relief
- Recreational Vehicles
- Weekend Sailboat Racing

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

Aquifer Specifications

WATER PRODUCTION

	Gallons per Day / Hr	Liters per Day / Hr
Aquifer 150M Output with 77°F/25°C seawater	150 / 6.3	568 / 24
Aquifer 360M Output with 77°F/25°C seawater	360 / 15	1368 / 57

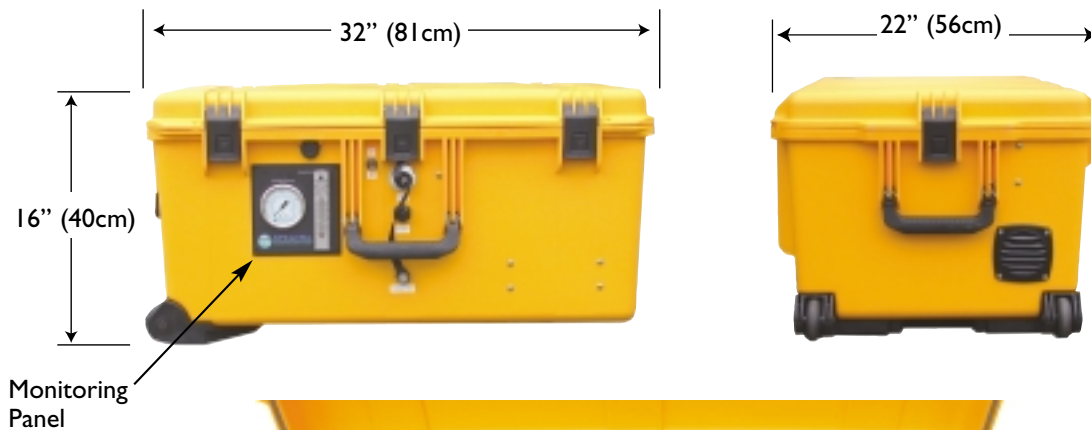
Rated at 77°F (25°C) Seawater Temperature at 35,000 PPM Dissolved Solids +/-15%

POWER REQUIREMENTS

Pump Horsepower	1/8
Watt/Hr per Gallon	17
Amp/Hr per Gallon (12VDC)	1.4
Aquifer 150M Current Draw (12VDC)	9 Amps
Aquifer 360M Current Draw (12VDC)	20 Amps

SYSTEM TOTAL WEIGHT (Dry)

Aquifer 150M	71 lb (32 kg)
Aquifer 360M	80 lb (36 kg)



Aquifer 150M top view, case open



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Spectra Watermakers, Inc.

20 Mariposa Road, San Rafael, CA 94901
phone: 415 526-2780 • fax: 415 526-2787
www.spectrawatermakers.com

Distributor