

# Spectra Watermakers Marine Solutions

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BLUERISE.™**

# Marine Solutions

Access to fresh water at sea is not just a necessity but a lifeline, ensuring mariners to sail without concerns about relying on disposable bottles or other unreliable practices. Thanks to the latest technology by Spectra watermakers, our marine solutions make life aboard simple and easy.

Spectra specializes in small-medium scale desalination systems with proven highest efficiency and reliability technology designed for any type of ocean going vessels, passenger ferries, leisure boats or service boats and for any operational conditions at sea.

Our product line ranges from hand operated desalinators that can make 6 gallons a day to our largest fully automated system that produces 20,000 gallons of fresh, potable water per day.

All watermakers adjust automatically, as part of the hydraulic design, to changes in water temperature and salinity, so there is no need to make adjustments in different climates, bays, rivers or oceans.





# Hand Operated

The Survivor series are the world's smallest desalinators and are essential for any emergency kit. You don't have to sacrifice safety because of space or weight constraints. The Survivor 06 and the Survivor 35 are used widely by the U.S. and international military groups, voyagers, and adventurers worldwide. These systems are durable and long-lasting so you will never be left without fresh water in an emergency.

## Survivor 06





### Quick facts

- \_\_\_\_\_ Suitable for 1-6 people for emergencies
- \_\_\_\_\_ Operated manually, does not rely on electricity
- \_\_\_\_\_ Durable design for reliability and long life
- \_\_\_\_\_ Approved by U.S. Coast Guard

### Survivor 06 World's Smallest Desalinator

The Survivor 06 is the smallest desalinator in the world, weighing only 2.5 lbs (1 kg). Constructed to be compact and lightweight, it is ideal for emergency liferafts and individual survival kits, and is trusted by militaries and individuals around the globe.



- \_\_\_\_\_  .5 oz (14 ml) every minute
- \_\_\_\_\_  6 gal (21 l) a day
- \_\_\_\_\_  2.5 lbs (1 kg)
- \_\_\_\_\_  9.5" x 2.5" (24 cm x 6 cm)

Part. # 8013419

## Survivor 35





### Quick facts

- \_\_\_\_\_ Suitable for 7-20 people for emergencies
- \_\_\_\_\_ Operated manually, does not rely on electricity
- \_\_\_\_\_ Durable design for reliability and long life
- \_\_\_\_\_ Approved by U.S. Coast Guard

### Survivor 35 A Necessity for Any Adventurer

Used by U.S. and international military groups, voyagers, and adventurers worldwide, the Survivor 35 serves as the emergency watermaker in liferafts, aircraft, and ditch kits. At only 7 lbs (3kg), it is light enough to carry aboard any vessel. It does not rely on electricity and can provide 1.2 gallons or 4.5 liters of fresh water per hour. The Survivor 35 is approved by the U.S. Coast Guard, and a practical alternative to carrying heavy emergency water stores.



- \_\_\_\_\_  1.2 gal (4.5 l) every hour
- \_\_\_\_\_  35 gal (132 l) a day
- \_\_\_\_\_  7 lbs (3 kg)
- \_\_\_\_\_  22.5" x 3" (57 cm x 7.5 cm)

Part. # 8019948



## Powered

We make rugged watermakers designed for the harsh marine environment. Our highly efficient PowerSurvivor 12-volt systems produce a plentiful supply of drinking water while putting the least demand on your power supplies. Our Ventura series features industry leading efficiency, with modular simplicity and reliability. The Cape Horn Extreme systems feature redundant feed pumps, for added peace of mind when operating in extreme environments.

## Ventura 150

### Quick facts

Low power consumption, can be run on batteries, solar, or wind power

Whisper quiet

Commercial grade diaphragm pumps with run dry protection





System includes installation kit, handheld water quality tester, and product flow meter

### Ventura 150

#### Engineered Efficiency for the Smaller Vessel

The VT 150 is specifically optimized to operate in cold water. If it's liquid, this system will purify it. The compact, modular design, makes for easy installation in confined spaces. The Ventura 150 operates anywhere in the world and delivers over 6 gallons (24 liters) an hour. This system has analog controls with an instrument panel containing a feed water pressure gauge and a product flow meter.



-  6.3 g (24 l) every hour
-  150 gal (568 l) a day
-  75 lbs (34 kg)
-  12v DC 9A / 24v DC 4.5A  
17 Watts/1 gal 4.5 Watts/1 liter

Part. # VT-150-D (specify voltage)

## Cape Horn Extreme 330

### Quick facts

High and low speed operation for customizable power management and output volume

Low power consumption, can be run on batteries, solar, or wind power

Whisper quiet





Commercial grade diaphragm pumps with run dry protection

### Cape Horn Extreme 330

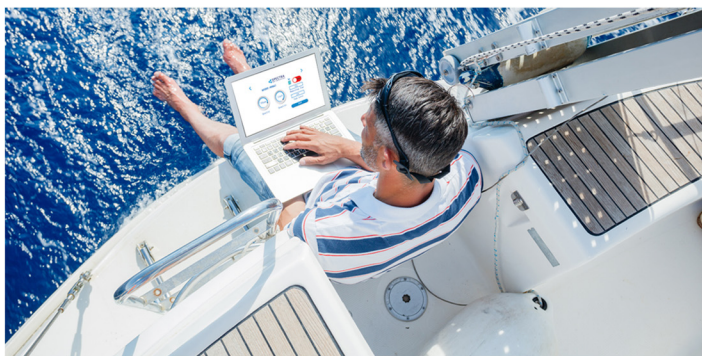
#### Designed for the World's Toughest Conditions

The Cape Horn Extreme continues to be the choice for serious offshore racing campaigns like the Volvo Ocean Race and Clipper Challenge round-the-world yachts. The Cape Horn Extreme is reliable and durable, with its diaphragm feed pumps in parallel, it can be run on a single pump for high efficiency or two pumps for high output. The system uses rugged mechanical controls and gauges and is perfect for the hands-on racer or cruiser.



-  15 g (56 l) every hour
-  330 gal (1249 l) a day
-  95 lbs (43 kg)
-  Compact 90 lbs (41 kg)  
12v DC 19A / 24v DC 10A  
16 Watts/1 gal. 4.2 Watts/1 liter

Part. # CH-330 (specify voltage)



## Automated

The Spectra Connect allows you to monitor and control your watermaker on a computer, smart phone, or tablet from the boat's existing local network, with a wifi router installed. The Auto Run feature can be programmed to run by time or volume of water produced, making it customizable for the user's yacht. Optional tank level gauges give even more control over the water supply. One-Touch Sensor Calibration allows users to make sure the watermaker is operating at its peak.

## Bimini 300c

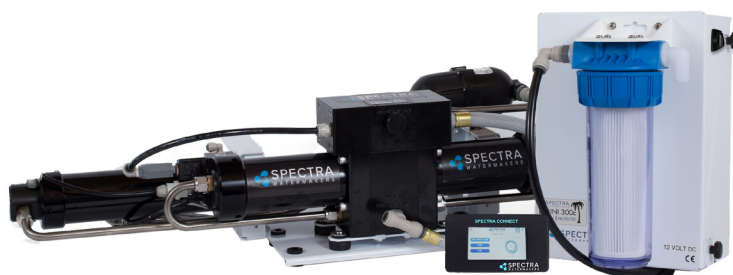
### Quick facts

The only watermaker that complies with CFR 183.410/ISO 8846 for Ignition Protection

Fully automated with the Spectra Connect system

Ideal for gasoline powered, multi-outboard boats






State of the Art Brushless DC Motor and speed controller



### Bimini 300c

#### The Only Ignition Protected Watermaker

The new Bimini 300 is the only Watermaker that complies with CFR Ignition Protection regulations, making it a perfect choice for midsize outboard motor-powered vessels. The system is extremely quiet and energy efficient while reliably delivering up to 12.5 gallons of water per hour. The Bimini 300 features the Spectra Connect controller that allows you to completely automate the operation of your watermaker as well as control it from a remote device and location.

-  12.5 g (47 l) every hour
-  300 gal (1136 l) a day
-  120 lbs (55 kg)
-  12v DC 18A / 24v DC 9A
-  15 Watts/1 gal 4 Watts/1 liter

Part. # BM-300c (specify voltage)

## Newport 400c

### Quick facts

Standard with the Spectra Connect Controller

High and low speed operation for customizable power management and output volume

Low power consumption, can be run on batteries, solar, or wind power







Commercial grade Magdrive pump with run dry protection



### Newport 400c

#### The Most Automated and Easy-to-Use Watermaker Ever!

The Newport 400c is the most energy efficient, automated, and easy-to-use watermaker available, and comes with the Spectra Connect controller as standard! The Spectra Connect allows you to operate and monitor your watermaker from a remote device, and has added features like the Fill Tank mode, or a customizable Auto Run mode, One-Touch Sensor Calibration, and suggested maintenance intervals displayed on the dashboard, taking the guesswork out of operation and upkeep!

-  17 g (64 l) every hour
-  400 gal (1514 l) a day
-  140 lbs (63.5 kg)
-  Compact 125 lbs (57 kg)
-  12v DC 24A / 24v DC 12A
-  18 Watts/1 gal 4.8 Watts/1 liter

Part. # NP-400C (specify voltage)



## Remote Manual

The new Remote systems perfectly bridge the gap between our full manual and completely automated watermaker systems. This simplified controller can be mounted remotely and offers basic control of the watermaker without the automation and real time diagnostics offered by the Spectra Connect. The Remote systems are a competitively-priced option for end-users who want the quality and water production of a Spectra system without full automation.

## Ventura 200R-T

### Quick facts

Remote Manual control system offers basic watermaker control at a distance

Low power consumption, can be run on batteries, solar, or wind power

Commercial grade diaphragm pumps with run dry protection






Designed for high production in warmer water



### Ventura 200R-T

#### Manual Control for Warmer Water

The same size as the Ventura 150, but designed for warm water above 50°F (10C), the Ventura 200R-T delivers over 8 gallons (31 liters) per hour. With it's modular design, it's an ideal system for installation in tight spaces whether you're cruising or racing. The Ventura 200R-T features Manual Remote control with Spectra's simple and reliable controller.

-  8.3 g (31 l) every hour
-  200 gal (757 l) a day
-  85 lbs (38.5 kg)
-  12v DC 10A / 24v DC 5A
-  14.5 Watts/1 gal 4 Watts/1 liter

Part. # VT-200R-T (specify voltage)

## Catalina 340R

### Quick facts

High and low speed operation for customizable power management and output volume

Low power consumption, can be run on batteries, solar, or wind power

Whisper quiet







High efficiency magnetically coupled feed pump with no wearable seals



### Catalina 340R

#### Automated, Multi-Speed, and More Water

The new Catalina 340R produces 14 gallons (53 liters) of water per hour, making it the perfect watermaker for the midsize yacht with two to four people onboard. The Catalina uses the Spectra Magdrive feed water pump, making the system extremely quiet, energy-efficient, and reliable. The Catalina 340R utilizes the Manual Remote control system. This simplified controller can be mounted remotely and offers basic control of the watermaker, perfectly bridging the gap between our full manual and completely automated watermaker systems.

-  14 g (53 l) every hour
-  340 gal (1287 l) a day
-  115 lbs (52 kg)
-  Compact 110 lbs (50 kg)
-  12v DC 18A / 24v DC 9A
-  15 Watts/1 gal 4 Watts/1 liter

Part. # CT-340R (specify voltage)



# Automated Systems

Capitalizing on almost 20 years of experience building the world's most automated and energy efficient watermakers, Spectra has taken a quantum leap in developing the next generation of commercial desalination systems. This compact series are constructed with super-duplex stainless steel for extreme corrosion resistance. These systems feature the revolutionary Pearson Pump™, which is engineered to maintain the proper pressure throughout a wide range of ocean temperatures and water conditions.

## Farallon 1800c and 2800c

### Quick facts

- Standard with the Spectra Connect Controller
- Multiple run speeds for optimum system operation
- Highest output system rated for inverter operation
- Industrial grade motor and components
- Slow moving high pressure pump gives long service life
- Systems include a complete installation kit
- Quiet operation
- Also available with additional local display

- 1 Pearson Pump technology standard
- 2 Fully automated with the Spectra Connect system
- 3 Industrial grade components



### Farallon 1800c and 2800c

#### Municipal Scale Efficiency, Industrial Construction

The Farallon systems are designed with Spectra's unique Pearson Pump technology for unrivaled reliability, energy efficiency and durability. The slow-moving pump consumes 8 watt/hours per gallon, while the most efficient municipal size desalination plants produce water at approximately 4 watt/hours per gallon. This level of energy efficiency in small scale systems is unique to Spectra Watermakers.

The Farallon systems also come standard with the Spectra Connect Controller. The Spectra Connect allows you to operate and monitor your watermaker from a remote device, and has features like the Fill Tank mode, or a customizable Auto Run mode, One-Touch Sensor Calibration, and suggested maintenance intervals displayed on the dashboard. The Farallon's variable frequency drive motor controller ensures soft starts with no massive inrush current to crash your inverter or generator at startup. Powered by 110v or 220v AC, these systems bring municipal scale desalination plant features to your fingertips.

#### Farallon 1800

- 75 gal (284 l) every hour
- 1800 gal (6813 l) a day
- 310 lbs (141 kg)
- 110v AC 14A
- 208v-240v AC 7A\*
- 1200 Watts
- Part. # FL1800C (specify voltage)
- \*Specify Voltage

#### Farallon 2800

- 120 gal (454 l) every hour
- 2800 gal (10,600 l) a day
- 365 lbs (166 kg)
- 208v-240v AC 9A\*
- 1500 Watts
- Part. # FL2800C (specify voltage)
- \*Specify Voltage



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