

## NEWPORT 1000C WATERMAKER

### PRODUCT SPECIFICATIONS

Production / Day	1000 gal (3785 l)
Production / Hour	41 gal (155 l)
Power Requirement	24v DC 28A   48v DC 14A 110v AC 10A   220v AC 5A 18 Watts/1 gal   4 Watts/1 liter
Weight	DC Systems 182 lbs (83 kg) AC Systems 177 lbs (80.3 kg)
Pre Filters	2.5" x 10" pleated polyester 5 micron 2.5" x 10" pleated polyester 20 micron
Controls	Spectra Connect Controller
Compatibility	MFD Compatibility
Installation Requirements	Dedicated thruhull, dry and well ventilated area not to exceed 110°F/37°C
Membranes	(3) 40" x 2.5" High rejection spiral wound polyamide
Pump and Motor	Carbon vane pump with variable speed commercial motor
Salt Rejection	99.2%
Temperature Range	Max 110°F/37°C Min 36°F/2°C
Baseline Conditions	33,000 PPM feed water at 77°F/25°C
pH Range	3-11 (typical seawater pH is 8)
Chlorine Tolerance	0 PPM
Warranty	Spectra standard warranty
Shipping Weight	200 lbs (91 kg)
Shipping Dimensions	<b>Box 1</b> 47" x 23" x 18" (120 cm x 59 cm x 46 cm) <b>Box 2</b> 32" x 24" x 24" (81 cm x 61 cm x 61 cm)



### FACTS

The Newport 1000C and 700C are highly energy-efficient, automated watermakers available in both DC and AC voltages. Motor speed control technology ensures quiet operation whether on an inverter, generator, or directly from the battery bank. The multi-speed capacity optimizes performance in all conditions, automatically switching to low mode to extend prefilter life in challenging feed water. Equipped with the advanced Spectra Connect controller, these systems offer remote operation and monitoring, featuring Fill Tank mode, customizable Auto Run mode, One-Touch Sensor Calibration, and maintenance reminders. Now compatible with Garmin, Raymarine, and Navico/Simrad Multi-Function Display (MFD), the watermaker provides even greater control from the helm, for faster, more convenient operations.

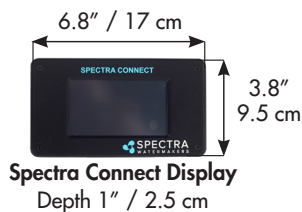
### FEATURES

- Control your Spectra Watermaker directly from your Multifunction Display (MFD)
  - » Available for most Garmin, Raymarine and Navico/Simrad helm stations
- Completely automated with the Spectra Connect Controller
- Compact modular design
- Spectra's unique Clark Pump ensures efficiency and reliability
- 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 mag drive pump with run dry protection
- Commercial grade, continuous duty motor
- Manual bypass for diversion valve
- System includes installation kit and tank full switch
- Z±ION Compatible
- Also available with additional local display

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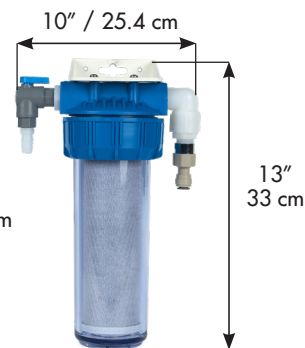
**Feed Pump Module**  
 Depth 13.5" / 34 cm



**Spectra Connect Display**  
 Depth 1" / 2.5 cm



**Sea Strainer and Boost Pump**  
 Depth 4" / 10 cm



**Charcoal Filter**  
 Depth 6" / 15.2 cm



**High Pressure Clark Pump and Membrane**  
 Depth 12" / 30.5 cm

**Newport 1000**  
 3 membranes  
 15" / 38.1 cm

**Newport 700**  
 2 membranes  
 12.5" / 31.8 cm

### OPTIONAL COMPONENTS



**Spectra Connect Local Display Controller**  
 KIT-SC-RMPNLL



**Tank Level Sensor Kit**  
 KIT-SC-TNKSS



**Z±ION System Protection, Automated**  
 Z±ION-AUTO

Spectra Watermakers reserves the right to modify products

**Katadyn Desalination LLC.**

Spectra Watermakers

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