

## SPECTRA WATERMAKERS

### SPECTRA NEWPORT 400c WATERMAKER, 380GPD/16GPH

The Newport 400c is the most energy efficient, automated, and easy-to-use watermaker available, and comes with the new Spectra Connect controller as standard!

The Spectra Connect allows you to operate and monitor your watermaker from a remote device, and has new 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!

The Newport 400c operates on as little as 15 watts per gallon (4 watts per liter), making it possible to run your system on a small generator, solar, wind, or straight off the batteries. Multi-speed capacity allows machine operation on high mode for maximum product flow or low mode for maximum efficiency, making it ideal for onboard power management.



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The Newport 400c system includes:

- Seawater strainer
- Boost pump module with service valve
- Dual pre-filter housing with 5 and 20 micron filter elements
- Spectra Magdrive feed water pump
- Two accumulators
- Spectra Connect remote display with 100' cable
- Automatic, back wash fresh water flush with charcoal filter
- Composite Spectra High Pressure Pump
- One 40 inch high rejection/high yield spiral wound reverse osmosis membrane or
- Two 20 inch high rejection/high yield spiral wound reverse osmosis membranes for the compact system \*
- Spectra free flow ultra efficient high pressure vessel assembly
- One built-in 3-way valve and quick-disconnect for cleaning and flushing procedures
- 25 feet LP product tubing
- 25 feet suction hose
- 25 feet reinforced sea water hose
- All required tube fittings and hose clamps
- One SC-1 storage chemical
- Complete installation and operation manual
- Warranty registration card.

Spectra Connect Standard Features:

- Tank Full Switch
- Remote TFT Color Touch Screen Panel
- Product Water Quality & Temp. Sensor
- Battery Voltage Readout ready to connect to ship's local network
- Operation, monitor, configure from Computer, Smart Phone or Tablet
- Data Logging & Technician Access Page features

Available systems:

- NP-400c-12 Newport 400 System 12VDC
- NP-400c-24 Newport 400 System 24VDC
- NP-400cS-12 Newport 400 Compact System 12VDC \*
- NP-400cS-24 Newport 400 Compact System 24VDC \*

Options for Newport Connect Systems:

- Z-Ion Protection System (part# Z-ION-NP)
- High Capacity intake module (part# KIT-NP-MK2-HCFU)
- Additional Remote Spectra Connect Display (part# KIT-SC-RMPNL)
- Spectra Connect Wi-Fi Access Point (part# EL-SC-AP)
- Tank Low Switch
- Tank Level Sensors (max 2) (part# KIT-SC-TNKSS)

Shipping Details:

- Country Of Origin: USA
- Class: 150
- Tariff Code/Schedule B: 8421.21.0000
- Commodity: Water Purifying Apparatus
- Box 1: Weight 85 Lbs. – Dims: 47" x 23" x 18" (DimWt: 140)
- Box 2: Weight 65 Lbs. – Dims: 24" x 24" x 24" (DimWt: 99.5)

\* Newport 400cS Compact



We offer the best rates for FedEx and DHL shipments worldwide.

## SPECTRA NEWPORT 400c WATERMAKER

### PRODUCT SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Production / Day          | 400 gal (1514 l)  |
| Production / Hour         | 17 gal (64 l)   |
| Power Requirement         | 12v DC 24A / 24v DC 12A<br>18 Watts/1 gal 4.8 Watts/1 liter                 |
| Weight                    | DC Systems 110 lbs (50 kg)  |
| Pre Filters               | 2.5"x10" pleated polyester 5 micron<br>2.5"x10" pleated polyester 20 micron |
| Controls                  | Spectra Connect Controller  |
| Installation Requirements | Dedicated thruhull, dry and well ventilated area not to exceed 110F/37C     |
| Membranes                 | 40" x 2.5" High rejection spiral wound polyamide                            |
| Pump and Motor            | Commercial DC motor with carbon vane pump                                   |
| Salt Rejection            | 99.2%   |
| Temperature Range         | Max 110F/37C Min 36F/2C   |
| Baseline Conditions       | 33,000 PPM feed water at 77F/25C  |
| pH Range                  | 3-11 (typical seawater pH is 8)   |
| Chlorine Tolerance        | 0 PPM   |
| Warranty                  | Spectra standard warranty   |
| Shipping Weight           | 150 lbs (68 kg)   |
| Shipping Dimensions       | 47"x23"x18"<br>120cm x 59cm x 46cm  |



### FACTS

The Newport 400c operates on as little as 15 watts per gallon (4 watts per liter), making it possible to run your system on a small generator, solar, wind, batteries. Multi-speed capacity allows machine operation on high mode for maximum product flow or low mode for maximum efficiency, making it ideal for onboard power management. The system will automatically switch to low mode to extend the prefilter life in challenging feed water. The Spectra Connect allows you to operate and monitor your watermaker from a remote device, and has new 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.

### FEATURES

- Completely automated with the Spectra Connect Controller
- Compact modular design
- Spectra's unique Clark Pump for 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 Magdrive pump with run dry protection
- Commercial grade, continuous duty motor
- Manual bypass for diversion valve
- System includes installation kit and product sample valve
- Z±ION Compatible

**SPECTRA NEWPORT 400c WATERMAKER**



Katadyn reserves the right to modify products

**Katadyn Desalination LLC.**

Spectra Watermakers

2220 S McDowell Blvd Ext

Petaluma, CA 94954

TEL: 1-415-526-2780 FAX: 1-414-526-2787

E-MAIL: [sales@spectrawatermakers.com](mailto:sales@spectrawatermakers.com)

[www.spectrawatermakers.com](http://www.spectrawatermakers.com)