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# 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.



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

## 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 guick-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

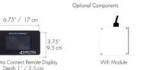
Class: 150

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









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# SPECTRA NEWPORT 400c WATERMAKER

## PRODUCT SPECIFICATIONS

400 gal (1514 l) Production / Day Production / Hour 17 gal (64 l)

Power Requirement

12v DC 24A / 24v DC 12A 18 Watts/1 gal 4.8 Watts/1 liter

Weight DC Systems 110 lbs (50 kg)

2.5"x10" pleated polyester 5 micron 2.5"x10" pleated polyester 20 micron Pre Filters

Controls Spectra Connect Controller

Dedicated thruhull, dry and well Installation Requirements

ventilated area not to exceed

110F/37C

40" x 2.5" High rejection spiral wound polyamide Membranes

Pump and Motor Commercial DC motor with carbon

vane pump

99.2% Salt Rejection

Max 110F/37C Min 36F/2C Temperature Range

**Baseline Conditions** 33,000 PPM feed water at 77F/25C

pH Range 3-11 (typical seawater pH is 8)

Chlorine Tolerance O PPM

Spectra standard warranty Warranty

150 lbs (68 kg) Shipping Weight Shipping Dimensions 47"x23"x18"

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-TouchSensor 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
- 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



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

Katadyn reserves the right to modify products

# Katadyn Desalination LLC.

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