

## SPECTRA LB 400 WATERMAKER

### PRODUCT CHARACTERISTICS

Production / Day	400 gal (1514 l)
Production / Hour	17 gal (64 l)
Feed Voltages	24v DC, 48v DC, 110v AC, 220v AC
Watts	≈ 300-600w (contingent on feed pump selection)
Feed Water Parameters	Fresh, brackish or seawater
Weight	76 lbs (34.5 kg)
Pre Filters	2.5"x10" pleated polyester 5 micron 2.5"x10" pleated polyester 20 micron
Controls	Analog controls
Membranes	20" x 2.5" High rejection spiral wound polyamide
Salt Rejection	99.4%
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	75 lbs (34 kg)
Shipping Dimensions	47"x23"x18" (120cm x 59cm x 46cm)



### FACTS

The LB 400 is one of the most advanced, energy efficient, and easy-to-use reverse osmosis watermakers available. These systems are engineered for stationary or industrial applications to provide 16 gallons of fresh water per hour (400 per day) and can run up to 12 hours per day from salty or brackish water. These units are built using Spectra's revolutionary and proprietary Clark Pump, a high pressure intensifier that makes the watermaker so energy efficient that they are often powered by solar panels or a wind generator.

Typically, the optional well pump is used to deliver the feed water flow of 3 gallons/minute at 100 PSI required by the LB 400 to desalinate water. These systems are supplied complete with the Spectra Clark Pump and membrane module, filter assembly, feed water flow meter, pressure gauge, product quality test meter, plus fittings, hose, and tubing.

### FEATURES

- Simple analog controls and gauges, no electronics.
- Super efficient requiring typically less than 350 watts to purify seawater, perfect for solar and wind power.
- Compact modules are easy to install and the single feed pump (not included) simplifies installation
- Composite construction for superb corrosion resistance.
- Fixed system recovery for easy operation and long service life.
- Spectra's world renowned customer service and support, with real technicians available by Skype, phone and email.

## LB 400 WATERMAKER

### INCLUDED

- Installation Kit
- Prefilter assembly
- Feed flow gauge
- Feed pressure and product flow gauge panel
- Storage chemical and service hoses
- Hand held salinity monitor
- Operation Manual

### OPTIONAL

- Feed water supply pump-site specific requirements. Requires 100 PSI (6.8 bar) at 3 gpm (11.4 lpm)
- Flush/service module
- Spectra submersible (well) pump and controller
- Multimedia prefiltration
- UV Sterilization

Katadyn reserves the right to modify products

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