



**Marine Warehouse**  
2330 NW 102 Avenue, Suite 1  
Doral, FL 33172  
USA  
Tel: (305) 635-0776  
spectra@marinewarehouse.net

**CAPE HORN EXTREME CH-330 WATERMAKER**  
330GPD/14GPH - 1300 LPD/54LPH



The Cape Horn Extreme system includes:

- Seawater strainer
- Pre-filter housing with 5 micron filter element
- 2 feed water pumps** with heat sink and cooling fans
- Composite Spectra High Pressure Pump
- One 40 inch high rejection/high yield spiral wound reverse osmosis membrane
- Spectra free flow ultra efficient high pressure vessel assembly
- Spectra Pump and membrane housing mounted and plumbed together with mounting brackets
- Accumulator
- Manual fresh water flush system with 3-way valve for cleaning and flushing procedures
- Charcoal filter and housing
- 25 ft. 3/4 suction hose
- 25 ft. 5/8 inch reinforced sea water hose
- 25 ft. LP product tubing
- Instrument panel with feed water pressure gauge and product flow meter
- Hand-held salinity monitor
- All required tube fittings and hose clamps
- One SC-1 storage chemical
- Complete installation and operation manual
- Warranty registration card



Available systems:

- CH-330-12 Cape Horn Extreme System 12 VDC (One 40" Membrane)
- CH-330-24 Cape Horn Extreme System 24 VDC (One 40" Membrane)
  
- CH-330-12-S Cape Horn Extreme System 12 VDC (Two Short 20" Membranes)
- CH-330-24-S Cape Horn Extreme System 24 VDC (Two Short 20" Membranes)

Shipping Details:

- Shipping Weight: 78
- Shipping Dimensions: 47" x 23" x 18"
- Country Of Origin: USA
- Class: 150
- Tariff Code: 8421210000
- Ships By: FX-Gr/Expr, LCL, LTL
- Shipping FedEx Worldwide at 65% discount

Optional Equipment:

- Z-Ion Protection System
- Dedicated 3/4" thru hull (bronze or marelon)
- Y-valve 1/4" for 2nd Tank (sku: PL-VLV-3W1/4)
- Y-Valve Connectors (sku: PL-MTS-1/4x1/4J)
- Extra Product Tubing (sku: PL-NLT-1/4LP)
- Cruise Kit "A" (sku: KIT-BCK-A)

## SPECTRA CAPE HORN EXTREME 330 WATERMAKER

### PRODUCT SPECIFICATIONS

Production / Day	330 gal (1249 l)
Production / Hour	15 gal (56 l)
Power Requirement	12v DC 19A / 24v DC 10A 16 Watts/1 gal 4.2 Watts/1 liter
Weight	65 lbs (29 kg)
Pre Filters	2.5"x10" pleated polyester 5 micron
Controls	Analog controls
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	Shurflo diaphragm 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	95 lbs (43 kg)
Shipping Dimensions	47"x23"x18" 120cm x 59cm x 46cm



### FACTS

The 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.

### FEATURES

- Redundant dual feed pumps for maximum reliability
- Simple analog control panel
- 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 diaphragm pumps with run dry protection
- System includes installation kit, handheld water quality tester, and product sample valve
- Z±ION Compatible

## SPECTRA CAPE HORN EXTREME 330 WATERMAKER



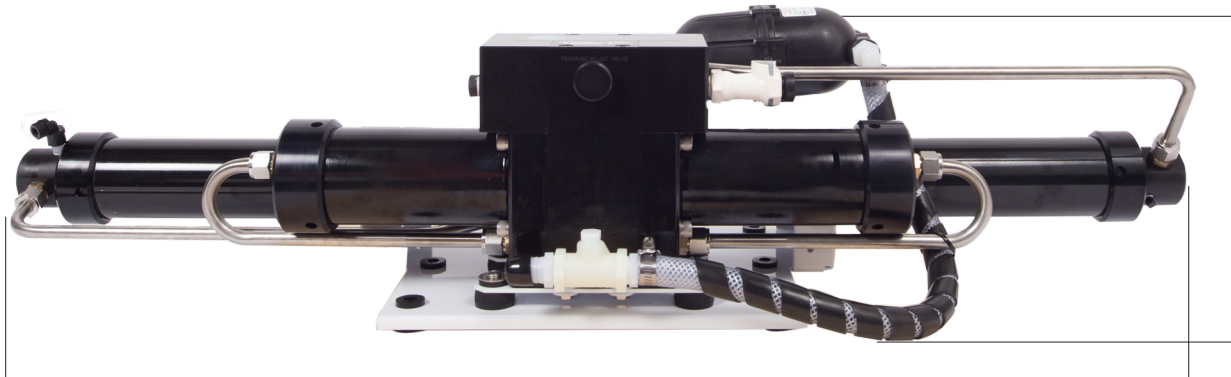
Feed Pump Module  
Depth 4.5" / 11.4 cm



Remote Monitoring Panel  
Depth 1.63" / 4.1 cm



Secondary Feed Pump Module  
Depth 6" / 5.2 cm



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

Katadyn reserves the right to modify products

### Katadyn Desalination

Spectra Watermakers

20 Mariposa Road  
San Rafael, CA 94901

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)