

Little Wonder and Sea Quencher Desalinators

LWM and SQ Series
6 to 8 GPH
22 to 30 LPH



Compact and reliable supply of fresh water. For sailboats and other marine applications.

The Little Wonder (LWM) and Sea Quencher (SQ) Series reverse osmosis desalination systems are the preferred choice for boaters who require small low power watermakers.

The units are simple to install and easy to operate. Ideal for applications where space and power are limited. The quality components that go into the LW and SQ units ensure safety and years of reliable service.



Racor Offshore Marine SQ-145, 200

Racor Village Marine LWM-145, 200

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Key Feature:

Optional salinity monitor and diversion valve system for water quality assurance.

Salinity monitor and diversion valve

- 12 VDC part # 90-0081
- 110 VAC part # 90-0115
- 220 VAC part # 90-0116



ENGINEERING YOUR SUCCESS.

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- Titanium High Pressure Pump is impervious to the corrosive sea water environment and designed for maximum efficiency
- Raw Water Boost Pump with magnetic drive

- Adjustable 316 SS Pressure Regulating Valve provides constant pressure. No fluctuating pressure and low noise
- Product Flowmeter to monitor gallons per hour of fresh water produced
- Glycerine filled high pressure gauge to assure accurate reading of operating pressure
- Easy to operate High Pressure Bypass Valve controls the operating mode from cleaning/rinse to reverse osmosis
- High salt water rejection rate

- Fresh Water Flush System included
- Product Sample Valve included
- CIP system allows membrane cleaning/pickling by simple to use cartridges



- Optional remote instrument panel configuration for LWM units

Standard Features:

Model	Part Number	Water Production GPH/LPH	Power Supply Volts/Amps	Frame Size WxDxH inch/cm	Weight lbs/kg
LWM-145	90-8200	6/22	12 VDC/13	Modular	62/28
LWM-200	90-8512 90-8516 90-8515	8/30	12 VDC/17 110 VAC 60Hz/6 220 VAC 50Hz/3.3	Modular	69/31
SQ-145	90-8564	6/22	12 VDC/13	24/61 x 11/28 x 12/30	70/32
SQ-200	90-8549 90-8561 90-8550	8/30	12 VDC/17 110 VAC 60Hz/6 220 VAC 50Hz/3.3	24/61 x 11/28 x 12/30	72/33

Spares and Consumables

Part No.	Description	Part No.	Description
85-0050	Pump Oil, Quart	33-3001	Membrane Element SQ-200
33-0117	Pre-filter Element, 5 micron	33-3002	Membrane Element LWM-200
33-0311	Flush Filter Element	90-2512	Membrane O-Ring Kit
90-0005	Filter Housing O-Ring	85-0102	Cleaning Kit
99-6881	Filter Wrench	85-0103	Preservation Kit
70-6181	HP Pump Service Kit	70-0036	Belt, Models 145
33-3000	Membrane Element Models 145	70-0168	Belt, Models 200

To maintain peak performance always use genuine Parker Racor Village Marine replacement parts. We reserve the right to change our specifications or standards without notice.