

# LWM Series Modular Watermaker

145-180 GPD  
530-681 LPD



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

The Little Wonder (LWM) 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 LWM units ensure safety and years of reliable service.



Village Marine LWM 145-180

## Contact Information:

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## Key Feature:

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

Salinity monitor and diversion valve

P/N 90-0081 12V  
P/N 90-0114 24V  
P/N 90-0115 110V  
P/N 90-0116 220V



ENGINEERING YOUR SUCCESS.

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- Available for 12V, 24V, 110V, 220V power supplies as shown

- 5 micron cleanable prefilter
- Powder coated mounting brackets included
- Control manifold pressure regulator ensures consistent pressure and prevents over or under pressurization of the unit. Adjustable to allow operation in brackish or fresh water
- Acrylic flowmeter to monitor production
- High quality spiral wound TFC reverse osmosis membranes
- Magnetic drive boost pump
- Stainless steel glycerin filled pressure gauges
- High pressure pump impervious to the corrosive sea water environment and designed for maximum efficiency.

## Standard Features:

| Model     | Part Number                              | Electrical Supply<br>Volts/Ph/Hz/Amps                        | Capacity<br>GPH/LPH                          | Weight<br>lbs/kg                         |
|-----------|--|--|--|--|
| LWM-145   | 90-8200<br>90-8622                       | 12 V/15 Amps<br>24V/7.5 Amps                                 | 6/23<br>6/23                                 | 150/68<br>150/68                         |
| **LWM-180 | 90-8512<br>90-8596<br>90-8516<br>90-8515 | 12 V/22 Amps<br>24 V/11 Amps<br>110/1/60/6.6<br>230/1/50/3.3 | 7.5/28.4<br>7.5/28.4<br>7.5/28.4<br>7.5/28.4 | 225/102<br>225/102<br>275/125<br>275/125 |

\*Membrane elements are sold separately

\*\*All system requires 2 x 33-3001 per system

## Spares and Consumables

| Part No. | Description                 | Part No. | Description                |
|----------|-----------------------------|----------|----------------------------|
| 85-0050  | Pump Oil                    | 90-2512  | Membrane O-Ring Kit        |
| 33-0117  | 5 micron Filter             | 40-0241  | Salinity Probe             |
| 33-0311  | Carbon Flush Filter         | 85-0102  | Cleaning Kit               |
| 33-3000  | Membrane Element LWM 145    | 85-0103  | Preservation Kit           |
| 33-3001  | **Membrane Element LWM 180  | 70-6181  | Kit, Pump, Routine Service |
| 33-3038  | Membrane Element LWM 145*** | 99-1990A | Digital Handheld TDS Meter |
| 90-0005  | Filter Housing O-Ring       | 70-0036  | Belt, Models 145           |
| 99-6880  | Filter Wrench               | 70-0168  | Belt, Models 200           |
| 70-6181  | HP Pump Service Kit         |          |                            |

\*\*\* This used for spares only single 40" vessel.

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

