

Village Marine 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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Features & Benefits:

- 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



ENGINEERING YOUR SUCCESS.

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



Specifications

Model	Part Number	Electrical Supply Volts / Ph / Hz / Amps	Capacity GPH-m ³ / D	Weight lbs. / kg
LWM-145	90-8200	12 V/15 Amps	6/23	150/68
	90-8622	24V/7.5 Amps		
LWM-180**	90-8512	12 V/22 Amps	7.5/28.4	225/102
	90-8596	24 V/11 Amps		
	90-8516	110/1/60/6.6	7.5/28.4	275/125
	90-8515	230/1/50/3.3		

*Membrane elements are sold separately

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

Spares and Consumables

Part Number	Description
85-0050	Pump Oil
33-0117	5 micron Filter
33-0311	Carbon Flush Filter
33-3000	Membrane Element LWM 145
33-3001	Membrane Element LWM 180**
33-3038	Membrane Element LWM 145***
90-0005	Filter Housing O-Ring
99-6881	Filter Wrench
70-6181	HP Pump Service Kit

Part Number	Description
90-2512	Membrane O-Ring Kit
40-0241	Salinity Probe
85-0102	Cleaning Kit
85-0103	Preservation Kit
70-6181	Kit, Pump, Routine Service
99-1990A	Digital Handheld TDS Meter
70-0036	Belt, Models 145
70-0168	Belt, Models 200

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

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

WARNING: This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

