

LWM Series Modular Watermaker

145-180 GPD – 530-681 LPD



Features & Benefits

- Available for 12V, 24V 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.



Specifications

Model	Part Number	Electrical Supply Voltage-DC / Amps	Capacity GPH / LPH	Weight lbs. / kg
LWM-145	90-8200	12 / 15	6/23	150/68
	90-8622	2 / 7.5		
LWM-180	90-8512	12 / 22	7.5/28.4	225/102
	90-8596	24 / 11		

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.

Spares and Consumables

Part	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	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

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

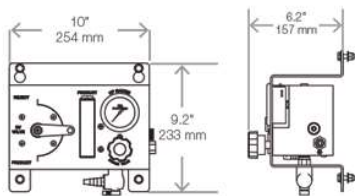
***This used for spares only single 40" vessel.

Recommended Options - LTM 145-300 12/24 VDC System

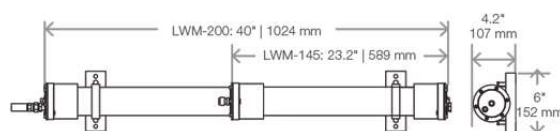
Part Number	Description
90-1288	Manual Fresh Flush, Assembly
61012118	Kit, Installation, 145-500 GPD
V016020001	Booster Pump/Motor 12VDC
V016020002	Booster Pump/Motor 24VDC
61012116	Sea Strainer, 40 Mesh, Assembly

Dimensions

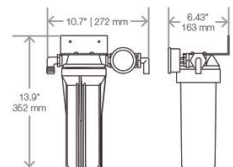
System Manifold



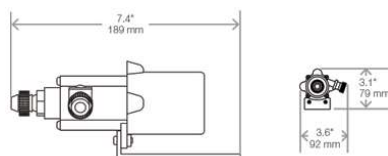
Membrane Assembly



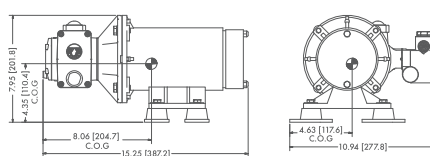
Fresh Water Flush



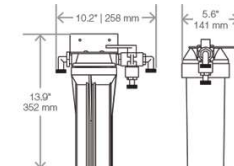
Booster Pump



High Pressure Pump



Pre-Filter



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

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