

LT Watermakers

3000 to 7000 GPD
(11 to 27 m³/day)



Practical and Reliable Fresh Water Supply

The LT desalinator offers a simple watermaker package with a compact frame and small footprint.

LT systems have a base frame only 40" wide x 33" deep, allowing a high capacity and high quality watermaker installation in a tight space.



Village Marine LT-5000

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Key Feature - Installation Flexibility



LT units can be supplied with an optional media filter system. Also membrane rack can be mounted horizontally or as a module for remote bulkhead mounting.



ENGINEERING YOUR SUCCESS.

Standard Features:

- Stainless steel high pressure pump is resistant to the corrosive seawater environment.
- Fiberglass cartridge filter housing holds 100 square foot 5 micron element.
- Marine bronze low pressure pump
- provides up to 50 psi of boost pressure to the filtration system.
- Glycerine filled pressure gauges.
- Flowmeters to monitor freshwater and reject rates.
- Freshwater flush system included standard.
- 316 stainless steel pressure regulator
- is adjustable to allow operation in brackish or fresh water.
- Electrical control panel Nema 4X with motor starter and pump controls.
- Automatic diversion valve diverts water to overboard if quality drops below acceptable standards.
- Digital water quality monitor displays purity of product water produced.

Model	Part Number*	Power Volts/ phase/Hz/Amps	Dimensions** inch/cm	Capacity GPH-m3/Day	Weight lbs./kg
LT-3000	90-6057	220/1/60/53	width 40/102	125/11	950/431
	90-6059	440/3/60/17	depth 39/99		
	90-6058	380/3/50/17	height 62/157		
LT-4000	90-6060	220/1/60/53	width 40/102	167/15	980/445
	90-6062	440/3/60/17	depth 39/99		
	90-6061	380/3/50/17	height 62/157		
LT-5000	90-6063	440/3/60/22	width 40/102	208/20	1140/517
	90-6031	380/3/50/24	depth 39/99 height 62/157		
LT-7000	90-6065	440/3/60/22	width 40/102	292/27	1230/558
	90-6064	380/3/50/24	depth 43/109 height 62/157		

*Add part number 90-0264 to include optional media filter.

**Includes membrane rack mounted vertically. Does not include boost pump or optional media filter that increase width to 56/142.

Spares and Consumables

Part Number	Description	Part Number	Description
33-5100	Filter Cartridge - 5 micron	40-0241	Salinity Probe
30-0405	O-Ring Seal - Filter Housing	33-0440	RO Membrane (up to LT 5000)
33-0315	Carbon Flush Filter Element	33-0036	RO Membrane (LT-7000)
70-1448	Drive Belt - Check for Exact Size	85-0045	Membrane Cleaner #1, 25 lbs. pail
85-0050	Pump Oil - Quart Bottle	85-0048	Membrane Cleaner #2, 25 lbs. pail
90-2323	Membrane O-Ring Kit (up to LT-5000)	85-0049	Membrane Preservative, 25 lbs. pail
		32-1016	Membrane O-Ring Kit (LT-7000)

Media Required

Part Number	Description	Qty
85-5006	Media #0, Fine Gravel, 3.5 Gal, Pail, 46 lbs	1
85-5010	Media #5, High Perf Sand, 5 Gal, Pail, 37 lbs	6

Note:

Media sold separately



WARNING - USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
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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.

