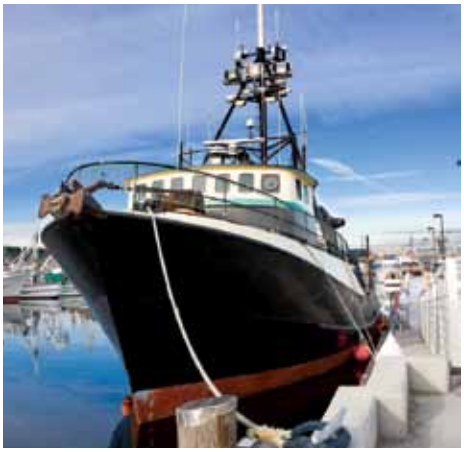
LT Watermakers

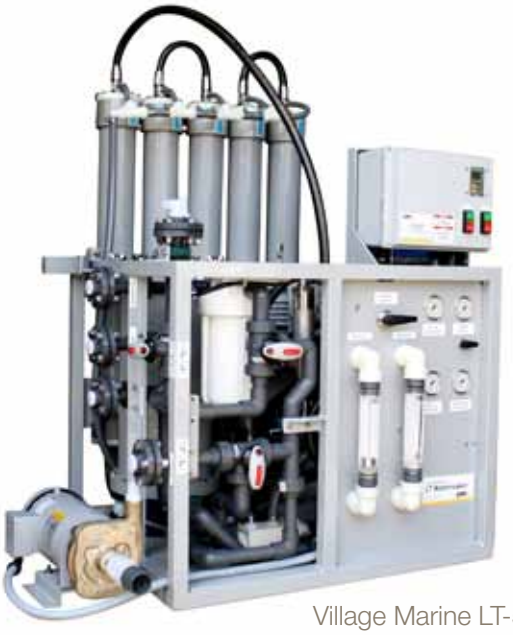
3000 to 7000 GPD
(11 to 27 m^3/day)



Practical and Reliable Fresh Water Supply

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

Racor VMT 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

Contact Information:

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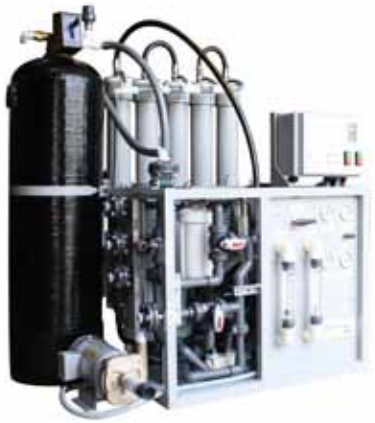
Key Feature - Installation Flexibility:



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.

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Standard Features:

- Stainless steel high pressure pump is resistant to the corrosive seawater environment
- Fiberglass cartridge filter hosing 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-m^3/Day	Weight lbs/kg
LT-3000	90-6057 90-6059 90-6058	220/1/60/53 440/3/60/17 380/3/50/17	width 40/102 depth 39/99 height 62/157	125/11	1060/480
LT-4000	90-6060 90-6062 90-6061	220/1/60/53 440/3/60/17 380/3/50/17	width 40/102 depth 39/99 height 62/157	167/15	1080/490
LT-5000	90-6063 90-6031	440/3/60/22 380/3/50/24	width 40/102 depth 39/99 height 62/157	208/20	1140/520
LT-7000	90-6065 90-6064	440/3/60/22 380/3/50/24	width 40/102 depth 43/109 height 62/157	292/27	1290/585

* 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 No.	Description	Part No.	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 Preservativ, 25 lbs. pail
32-1016	Membrane O-Ring Kit (LT-7000)		

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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Print Reorder Number VMT0001 Rev- 12-10-12

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