

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.

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

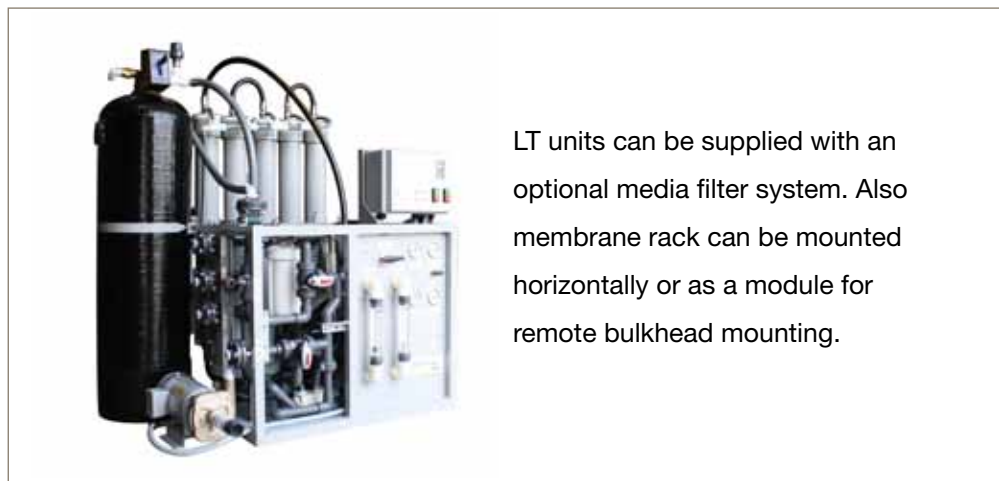
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Key Feature - Installation Flexibility:



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.

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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-m ³ /Day	Weight lbs/kg
LT-3000	90-6057	220/1/60/53	width 40/102 depth 39/99 height 62/157	125/11	1060/480
	90-6059	440/3/60/17			
	90-6058	380/3/50/17			
LT-4000	90-6060	220/1/60/53	width 40/102 depth 39/99 height 62/157	167/15	1080/490
	90-6062	440/3/60/17			
	90-6061	380/3/50/17			
LT-5000	90-6063	440/3/60/22	width 40/102 depth 39/99 height 62/157	208/20	1140/520
	90-6031	380/3/50/24			
LT-7000	90-6065	440/3/60/22	width 40/102 depth 43/109 height 62/157	292/27	1290/585
	90-6064	380/3/50/24			

* 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.

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