

Titan™ 300L-Series Reverse Osmosis System



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- Fully Equipped and Customizable
- Higher Recovery Rates
- Lower Energy Consumption
- High Flow Low-Energy Membranes
- Lower Maintenance
- Compact Space Saving Design
- Individually Wet Tested and Sanitized
- 1-Year Limited Warranty
- Made in the U.S.A.



Titan 300 L-Series Reverse Osmosis Systems feature an excellent pretreatment design, high quality components and offer high performance. Titan systems are designed for higher recovery rates and minimum energy consumption.

Experience greater savings with lower maintenance and operation costs when you install a Titan Reverse Osmosis System.

The Ultra Water Treatment Solution

Titan™ 300 Reverse Osmosis System

Standard Features:

- **Membrane:** One 2.5" x 21" TFC HF4 Extra Low Energy Membranes – For maximum rejection of impurities and high flow. (PN: 107612)
- **Membrane Housing:** One 2.5" x 21" Champ™ Membrane Housings – Feature a patented design and require no tools when servicing.
- **Pump:** Two Aquatec® 8800 Booster Pumps 24 VAC – Designed for continuous use and features built in protection for loss of feed water pressure, UL recognized and NSF58.
- **Frame:** One Steel White Powder Coated Triple Bracket – Corrosion resistant and light weight.
- **Sediment Filter:** One 2.5" x 10" Slim Line 5 Micron Polypropylene Filter – Removes sediments and protects the system. (PN: 107307)
- **Carbon Block:** One 2.5" x 10" Slim Line 10 Micro Carbon Block – Removes Chlorine, odors, and tastes. (PN:107492)
- **Carbon:** One 2.5" x 10" Slim Line GAC – Post polishing carbon filter for taste enhancement. (PN: 107503)
- **Filter Housing:** Three 2.5" x 20" Slim Line Double O-Ring Filter Housings – Offers durability and improved sealing capabilities.
- **Pressure Gauges:** One PuroTech™ 1.5" 0-150 PSI Pressure Gauge – For accurate monitoring of the system's operating pressure.
- **Tank Switch:** Two Aquatec® Tank Pressure Switches with 3/8" JG Ports 20-40 PSI – For automatic operation with a pressure tank.
- **Electronic Shut-Off Valve:** One Aquatec® Electronic 24 Volt Solenoid Valve 3/8" – Automatically shuts off the feed water to the system.
- **Auto Flush Timer Valve:** One Aquatec® Auto Flush Timer Valve 800 ml/min 1/4" – Regulates the system's recovery (product to waste ratio) and automatically flushes the membrane on start-up.
- **Transformer:** Two Aquatec® 8800 2 Amp 110 Volt 60 Hertz 24 VAC Transformers.
- **Easy Maintenance & Operation:** Titan™ reverse osmosis systems feature a compact design, are pre-plumbed, pre-wired, and have all of their components strategically located for easy access and inspection.

System Specifications:

Model	Titan 300	Part#	107234
Gallons Per Day	300 @ 77°F*	Dimensions (Approx)	7"x25"x32"
	195 @ 55°F*	Weight (Approx)	50 lbs.
Elements (Qty)	1	Motor HP	N/A
Element Size (in)	HF4-2521	Hertz	50 or 60
Feed Connection	3/8"	Voltage	110 or 220
Product Connection	3/8"	Recovery	40%
Waste Connection	1/4"		

* Gallons per day and recovery are dependant upon the feed water chemistry. Specifically, but not limited to, temperature and total dissolved solids (TDS). A complete raw water analysis may be required to determine actual performance.

Systems Operating Specifications:

Minimum Feed Pressure	35 psi	Minimum NaCl % Rejection	96%
Minimum Feed (GPM)	1	Maximum Hardness	15 gpg
Maximum TDS	1000 ppm	Operating Pressure	120 psi
Nominal NaCl% Rejection	98.5%	Maximum Feed (GPM)	3
pH Range	3-11	Maximum Temperature	105°F
		Operation	Direct Feed Standard Atmospheric Tank Available with optional level controls



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