

Tethys 300P Reverse Osmosis System



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

Tethys 300P Reverse Osmosis Systems feature an excellent pre-treatment design, high quality components and offer high performance. Tethys systems are designed for higher recovery rates and minimum energy consumption.

Experience greater savings with lower maintenance and operation costs when you install a



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Tethys 300P Reverse Osmosis Systems

Standard Features:

- **Membrane:** One 2.5" x 21" TFC HF4 Membrane – For maximum rejection of impurities and high flow.
- **Membrane Housing:** One 2.5" x 21" Champ™ Membrane Housing – Features a patented design and requires 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 20" Slim Line 5 Micron Polypropylene Filter – Removes sediments and protects the system.
- **Carbon Block:** One 2.5" x 20" Slim Line 10 Micron Carbon Block – Removes Chlorine, odors and tastes.
- **Carbon:** One 2.5" x 20" Slim Line GAC – Post polishing carbon filter for taste enhancement.
- **Filter Housing:** Three 2.5" x 20" Slim Line Double O-Ring Filter Housings – Offers durability and improved sealing capabilities.
- **Pressure Gauge:** 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 w/ 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:** Tethys 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.



Tethys 300P options and upgrades

Part Number:	Description:
200026	HM Digital Panel Mount Dual TDS Meter DM-1 Option
200027	PuroTech 2.5" Stainless Steel Housing Upgrade Each
200028	Metal Frame, Bracket, Bulk Head Fittings Option
201359	Titan L-Series 220 Volt 50/60 Hz Booster Pump Upgrade

System Specifications

Model	300	Part #	200025
Gallons Per Day	300 @ 77°F	Dimensions (Approx.)	7" x 25" x 32"
Weight (Approx.)	50 lbs.	Concentrate Re-Circulate	N/A
Auto Flush	Standard	Element Size (in.)	HF4-2521
Elements (Qty.)	1	Motor HP	N/A
Voltage	110 or 220	Hertz	50 or 60
Feed Connection	3/8"	Product Connection	3/8"
Waste Connection	1/4"	Recovery	40%

System Operating Specifications

Minimum Feed Pressure	35 psi
Minimum NaCl % Rejection	96%
Minimum Feed (GPM)	1
Maximum Hardness	15 Grains / Gallon
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

DISTRIBUTED BY:



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