

Titan™ 1000 Wall Mount Reverse Osmosis System

Titan™ 1000 W-Series Reverse Osmosis System

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

Titan W-Series Reverse Osmosis Systems feature an excellent pre-treatment 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**.



Titan 1000
200069

The Ultra Water
Treatment Solution.

Titan™ 1000 Wall Mount Reverse Osmosis System

Standard Features:

- **Membrane:** One 4" x 21" TFC HF1 Membrane – For maximum rejection of impurities and high flow.
- **Membrane Housing:** One 4" x 21" Champ™ Membrane Housing – Features a patented design and requires no tools when servicing.
- **Pump:** One 1001 Fluid-O-Tech® 5.3 GPM NSF Approved Brass Rotary Vane Pump – Directly couples to the motor and is designed for continuous high pressures.
- **Motor:** One 3/4 HP Motor 110 or 220 Volt 50 or 60 Hertz CSA and RU (UL recognized).
- **Frame:** One Aluminum White Powder Coated Frame – Corrosion resistant and light weight.
- **Sediment Filter:** One 2.5" x 20" Slim Line 5 Micron Polypropylene Filter – Removes sediments and protects the system.
- **Filter Housing:** One 2.5" x 20" Slim Line Double O-Ring Filter Housing – Offers durability and improved sealing capabilities.
- **Pressure Gauge:** One PuroTech™ 2.5" 0-300 PSI Panel Mount Glycerin Filled Gauge – For monitoring the system's operating pressure and the filter, operating pressure.
- **Low Pressure Switch:** One Square D® Low Pressure Switch – Safety device to protect the pump from running dry when there is insufficient feed water pressure.
- **High Pressure Switch:** One Square D® High Pressure Switch – Automatically starts when the tank pressure falls below 40 psi and stops when the pressure reaches 60 psi.
- **Solenoid Valve:** One Solenoid Valve with Manual Override 110 or 220 Volt 50 or 60 Hertz UL Approved – Assists with the on/off functionality of the system.
- **Concentrate Valve:** One 1/4" Brass Needle Valve – Regulates the product to waste ratio (system's recovery).
- **Concentrate Recirculate:** One 1/4" Brass Needle Valve – This feature offers a higher recovery rate for the system by taking a % of the waste water and feeding it back into the system.
- **Flow Meters:** One Product (0-2 GPM) & One Waste (0-5 GPM) PuroTech™ Flow Meters – Enables operator to accurately adjust product to waste ratio and monitor systems performance.
- **Switch:** One Manual On and Off Switch.
- **Easy Maintenance & Operation:** Titan™ reverse osmosis systems feature a compact design and have all of their components strategically located for easy access and inspection.



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Titan 1000 W-Series System Options & Upgrades

Part Number:	Description:
200075	HM Digital Panel Mount TDS Meter PS-100 Option
200078	PuroTech 4" Stainless Steel Housing Upgrade Each
200079	PuroTech 4" Fiberglass Housing Upgrade Each
200080	Fluid-O-Tech Stainless Steel Rotary Vane Pump Upgrade
200082	RO UltraTec 4" TFC HF4 Extra Low Energy Membrane Upgrade Each
200083	RO UltraTec 4" TFC HF5 Ultra Low Pressure Membrane Upgrade Each
200084	ASD Anti-Scaling Device, Catalytic Conditioning Bar 3/4" MNPT Option
201353	Single System Crate Option

System Specifications

Model Titan™ 1000 Wall Mount		Part #	200069
Gallons Per Day	1000 @ 77°F	Dimensions (Approx.)	8" x 28" x 36"
Weight (Approx.)	70 lbs.	Concentrate Re-Circulate	Standard
Auto Flush	Optional	Element Size (in.)	HF1-4021
Elements (Qty.)	1	Motor HP	3/4
Voltage	110 or 220	Hertz	50 or 60
Feed Connection	3/4"	Product Connection	3/8"
Waste Connection	3/8"	Recovery	35%*

* Specifications Can Vary Depending on System Design

System Operating Specifications

Minimum Feed Pressure	35 psi	Minimum NaCl % Rejection	96%
Minimum Feed (GPM)	1.5	Maximum Hardness	15 Grains/Gallon
Maximum TDS	2000 ppm	Operating Pressure	150 psi
Nominal NaCl % Rejection	98.5%	Maximum Feed (GPM)	6
pH Range	3 – 11	Maximum Temperature	105 °F

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