

Titan™ 2500 Reverse Osmosis System



Titan™ 2500 B-Series Reverse Osmosis System

- 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 B-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 2500
200033
Pictured with
Optional
Flow Meters

The Ultra Water
Treatment Solution.

Titan™ 2500 Commercial Reverse Osmosis System

Standard Features:

- **Membrane:** Three 2.5" x 40" TFC HF1 Membranes – For maximum rejection of impurities and high flow.
- **Membrane Housing:** Three 2.5" x 40" Champ™ Membrane Housings – Feature a patented design and require 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 4.5" x 20" Big White 5 Micron Polypropylene Filter – Removes sediments and protects the system.
- **Carbon Block:** One 4.5" x 20" Big White 10 Micron Carbon Block – Removes Chlorine, odors and taste.
- **Filter Housing:** Two 4.5" x 20" Big Grey Double O-Ring Filter Housings – Offers durability and improved sealing capabilities.
- **Pressure Gauges:** One PuroTech™ 2.5" 0-300 PSI Panel Mount Glycerin Filled Gauge and Two PuroTech™ 1.5" 0-160 PSI Bottom Mount Dry Gauges – For monitoring the system's operating pressure and the filter & carbon operating pressure.
- **Low Pressure Switch:** One McCanns® Low Pressure Switch – Safety device which protects the pump from running dry when there is insufficient feed water pressure.
- **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 system's recovery (product to waste ratio).
- **Switch:** One Manual On and Off Switch
- **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.



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Titan 2500 B-Series System Options & Upgrades

| Part Number: | Description: |
|--------------|--|
| 200044 | Concentrate Recirculate Option |
| 200045 | Concentrate Recirculate with PuroTech 0-2 gpm Flow Meter Option |
| 200049 | PuroTech™ 0-2 Product Flow Meter Option |
| 200051 | PuroTech™ 0-5 Concentrate Flow Meter Option |
| 200052 | HM Digital Panel Mount TDS Meter PS-100 Option |
| 200053 | HM Digital Panel Mount Dual TDS Meter PS-200 Option |
| 200055 | Square D High Pressure 40-60 Tank Switch Option |
| 200056 | PuroTech™ 2.5" Stainless Steel Housing Upgrade Each |
| 200060 | Fluid-O-Tech Stainless Steel Rotary Vane Pump Upgrade |
| 200064 | RO UltraTec 2.5" TFC HF4 Extra Low Energy Membrane Upgrade Each |
| 200067 | ASD Anti-Scaling Device, Catalytic Conditioning Bar 3/4" MNPT Option |

System Specifications

| | | | |
|------------------|-------------|--------------------------|-----------------|
| Model | Titan™ 2500 | Part # | 200033 |
| Gallons Per Day | 2500 @ 77°F | Dimensions (Approx.) | 19" x 23" x 46" |
| Weight (Approx.) | 115 lbs. | Concentrate Re-Circulate | Optional |
| Auto Flush | Optional | Element Size (in.) | HF1-2540 |
| Elements (Qty.) | 3 | 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 | 50%* |

* Specifications Can Vary Depending on System Design

System Operating Specifications

| | | | |
|--------------------------|----------|--------------------------|------------------|
| Minimum Feed Pressure | 35 psi | Minimum NaCl % Rejection | 96% |
| Minimum Feed (GPM) | 3.5 | Maximum Hardness | 15 Grains/Gallon |
| Maximum TDS | 2000 ppm | Operating Pressure | 150 psi |
| Nominal NaCl % Rejection | 98.5% | Maximum Feed (GPM) | 10 |
| pH Range | 3 – 11 | Maximum Temperature | 105° F |

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