

Titan™ 15000 Reverse Osmosis System

Titan™ 15000 D-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 D-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 15000
200038

The Ultra Water
Treatment Solution.

Titan™ 15000 Commercial Reverse Osmosis System

Standard Features:

- **Membrane:** Eight 4" x 40" TFC HF1 Membranes – For maximum rejection of impurities and high flow.
- **Membrane Housing:** Eight 4" x 40" Champ™ Membrane Housings – Feature a patented design and require no tools when servicing.
- **Pump & Motor:** One Goulds® 3 HP 25 GPM Multistage Pump and Motor 220/380/460 50 or 60 Hertz 1 or 3 Phase CSA, CE and RU (UL recognized) – Designed for continuous high pressures.
- **Frame:** One Aluminum White Powder Coated Frame – Corrosion resistant and light weight.
- **Bag Filter:** One 18" FSI® 10 Micron Bag Filter – Removes sediments and protects the system.
- **Sediment Filter:** One 4.5" x 20" Big White 5 Micron Polypropylene Filter – Removes sediments and protects the system.
- **Filter Housing:** One 4.5" x 20" Big Grey Double O-Ring Filter Housing – Offers durability and improved sealing capabilities.
- **Pressure Gauges:** Two PuroTech™ 2.5" 0-300 PSI Panel Mount Glycerin Filled Gauges and Two PuroTech™ 1.5" 0-160 PSI Top Mount Dry Gauges – For monitoring the system's operating pressure and the filter operating pressures.
- **Low Pressure Switch:** One Square D® 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 UL Approved – Assists with the on/off functionality of the system.
- **Concentrate Valve:** One 3/4" SS Globe Valve – Regulates the system's recovery (product to waste ratio).
- **Computer Controller:** One S-150 Computer Controller (UL listed) with on/off switch, built-in TDS monitor, pre-treat lockout, tank full contacts, low pressure monitoring, and alarm.
- **Flow Meters:** One Product (0-10 GPM) & One Waste (0-10 GPM) PuroTech™ Flow Meters – Enables operator to accurately adjust product to waste ratio and monitor systems performance.
- **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.



Titan 15000
200038

Titan 15000 D-Series System Options & Upgrades

| Part Number: | Description: |
|--------------|--|
| 200043 | Auto Flush Option |
| 200048 | Concentrate Recirculate with PuroTech 0-10 gpm Flow Meter Option |
| 200055 | Square D High Pressure 40-60 Tank Switch Option |
| 200057 | PuroTech™ 4" Stainless Steel Housing Upgrade Each |
| 200058 | PuroTech™ 4" Fiberglass Housing Upgrade Each] |
| 200065 | RO UltraTec 4" TFC HF4 Extra Low Energy Membrane Upgrade Each |
| 200066 | RO UltraTec 4" TFC HF5 Ultra Low Pressure Membrane Upgrade Each |
| 201352 | Single System Crate Option |

System Specifications

| Model | Titan™ 15000 | Part # | 200038 |
|------------------|--------------|--------------------------|-----------------|
| Gallons Per Day | 15000 @ 77°F | Dimensions (Approx.) | 55" x 33" x 54" |
| Weight (Approx.) | 400 lbs. | Concentrate Re-Circulate | Optional |
| Auto Flush | Optional | Element Size (in.) | HF1-4040 |
| Elements (Qty.) | 8 | Motor HP | 3 |
| Voltage | 220/380/460 | Hertz | 50 or 60 |
| Feed Connection | 2" | Product Connection | 1" |
| Waste Connection | 1" | Recovery | 50-75%* |

* Specifications Can Vary Depending on System Design

System Operating Specifications

| | | | |
|--------------------------|----------|--------------------------|------------------|
| Minimum Feed Pressure | 35 psi | Minimum NaCl % Rejection | 96% |
| Minimum Feed (GPM) | 20 | Maximum Hardness | 15 Grains/Gallon |
| Maximum TDS | 2000 ppm | Operating Pressure | 150 psi |
| Nominal NaCl % Rejection | 98.5% | Maximum Feed (GPM) | 30 |
| pH Range | 3 - 11 | Maximum Temperature | 105° F |

DISTRIBUTED BY: