

Titan Waters Reverse Osmosis System

5-Stage Reverse Osmosis with Booster Pump TW-BP5



Standard Features

- Built and tested in the USA
- NSF Certified White 4.4 Gallon Tank
- NSF Certified TFC Membrane
- NSF Certified Quick Connect Fittings
- NSF Certified Color Coded Tubing
- Long Reach Chrome Faucet
- 3 Year Limited Warranty
- Complete Installation Kit with Instructions
- Filter Housing Wrench Included

The Titan booster pump is designed for low water pressure, cold water, and high TDS applications. By boosting the pressure to the membrane it is able to overcome the issues usually associated with under sink R/O's and wells. The most common problems is well system pressure. Most well systems are designed to operate at 40 to 60 psi when most under sink membranes are rated at 65 psi for maximum output. This means that a conventional R/O unit would be trying to operate at an average of 50 psi. The Titan booster pump boosts the incoming water to about 80 psi allowing you to achieve maximum performance from your system. The second issue with most units is high TDS, the higher the TDS the more pressure is needed to achieve pure water. With higher pressure you are able to press the pure water through the membrane. As explained above, the Titan booster pump delivers more pressure to the unit to overcome these issues. By adding pressure the membrane will produce more water overcoming this loss.

Specifications

System Capacity	50 GPD	TDS	2000p.p.m. max
Tank Capacity	4.4 Gal	Feed Pressure	30-100psi
Rejections	98%	Hydrogen Sulfide	None
Pre-Filter	SF5-10	Feed Water PH	3-11
Pre-Filter	Carbon Block	Water Temp	0-80F
Pre-Filter	GAC	Iron	1 ppb max
Post-Filter	GAC	Hardness	10-12 gr max
Membrane	TFC	Voltage	110vac 50 hrz



Aluminum	96-98%	Fluoride	93-95%
Arsenic (+5)	94-96%	Lead	96-98%
Bacteria	99+%	Magnesium	94-96%
Cadmium	95-97%	Mercury	95-97%
Calcium	94-97%	Nitrate	92-95%
Chlorine	90-95%	Phosphate	97-98%
Chloride	90-95%	Silver	95-97%
Copper	96-98%	Sodium	94-98%



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