



Commercial Reverse Osmosis Unit

STANDARD FEATURES

- RO Element: 4" x 40" Extra Low Energy Thin Film
- Pressure Vessels: 304 Stainless Steel (SS)
- Pump: Centrifugal 304 SS Shell 316 SS Shaft
- Frame: 409 SS
- Flow Meters: Product And Waste
- Low Pressure Cutoff Switch
- Pre Filter: 1 Micron Sediment
- Pump Inlet Pressure Gauge
- Inlet Feed Electric Solenoid Valve
- Inlet Manual Shutoff Valve
- Product Reverse Flow Check Valve
- Waste Recycle Valve
- Electronic Controller
- Product Total Dissolved Solids (TDS) Meter

OPTIONS

- Carbon Tank for Chlorine Removal
- Water Softener
- UV Light
- Remote Storage Tank
- Product Dump Valves
- Remote Light Kit

DIMENSIONS

Height: 72 inches Depth: 20 inches Width: 30 inches

SPECIFICATIONS

Model	Elements	Production*	Recovery	Motor**	Shipping Weight (Approx.)	Inlet***	Outlets	
							Product	Concentrate
CWM-1	Qty. 1	1,500 GPD	50%	3/4 HP	200 Lbs.	3/4" FNPT	1/2" FNPT	1/2" FNPT
CWM-2	Qty. 2	3,000 GPD	50%	3/4 HP	230 Lbs.	3/4" FNPT	1/2" FNPT	1/2" FNPT

* Approximate product flow based on properly pretreated feed water of 1000 ppm TDS (as NaCl), 15° C (59° F) and silt density index less than 3. Production capacity may vary due to feed water temperature, pressure, quality and product back pressure.

** Electrical: Standard: 240 VAC 60 HZ Single Phase Pump: (15 Amp Type 6-15P Plug), 125 PSI Maximum (4" Element).
Optional: 240 VAC 50 Hz (Plug varies depending on location).

*** Inlet Pressure: 20 PSI Minimum (when running), 80 PSI Maximum.

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We reserve the right to amend these specifications at any time without notice. The only warranty is the standard written Premier Water Solutions Ltd warranty. We make no other warranty, expressed or implied. Consult factory for details.