



Pro Line Ultra-Series Deluxe Commercial Reverse Osmosis Systems

The Good Water Warehouse Inc. Ultra-Series Deluxe Reverse Osmosis Systems, are the “big brothers” to our popular Ultra-Series, versatile and state-of-the-art systems for treating municipal and well water supplies. This line-up features systems with nominally rated outputs of: 7,800, 10,400, and 15,600 US GPD on 77F/25C water temperature. All ULTRA High-Output systems have low energy consumption, maintenance and operating costs. Good Water Warehouse Ultra-Series Deluxe Commercial RO systems, made in Calgary Canada, are CSA Certified. **The Right Choice!**

Big on standard features, yet compact, these ULTRA-SERIES DELUXE systems feature a robust design that allows for versatility in the event, of feed water quality and temperature variations. All systems come standard with Ultra Low Energy Membranes, that offer high rejection and flow rates for quality system performance. All ULTRA-SERIES DELUXE systems, feature Webtrol multi-stage booster pumps. These ULTRA-SERIES DELUXE units are all standard with Codeline fiberglass Membrane housings. All models are equipped with the **iControlis** model ROC-5 RO System Controller, for precise control of auto-flush options, Conductivity monitoring, operation indication, powered relay output, pre-treatment and storage tank status, and much more!

Model Features

- Powder-Coated Aluminum Frame
- Webtrol Multi-Stage Pumps
- Motor Thermal Overload Protection
- Veolia/GE AK-90LE Ultra Low Energy Membrane Elements
- Codeline Fiberglass Membrane Housings
- **iControlis** ROC 5 Controller with Conductivity Probe
- Auto-Flush Solenoid Valve & Multiple Programming
- 5 Micron Sediment Filter Cartridge
- Pentek 20” Big Blue Filter Housing
- Permeate Flow Meter
- Concentrate Flow Meter with Adjustable Needle Valve
- Recycle Flow Meter with Adjustable Needle Valve
- Low Pressure Switch
- Pump Operating Pressure Gauge
- Pre-Filter In/Out Pressure Gauge
- Pretreatment Lockout
- Product water tank level connection (Level Control not Inc.)
- Powered relay output



Ultra 15600
Shown In Photo



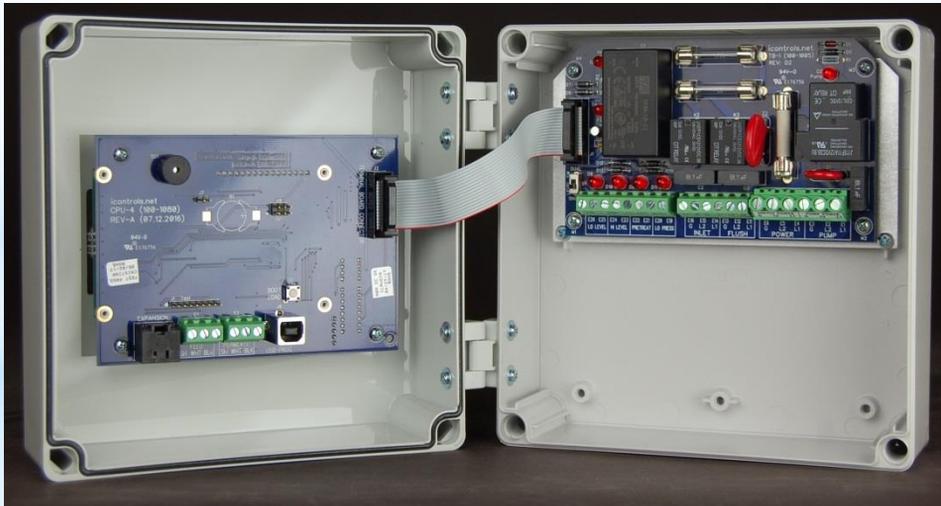
Pro Line Ultra-Series Deluxe Commercial Reverse Osmosis



Design	Ultra-7800	Ultra-10400	Ultra-15600
Configuration	Single Pass	Single Pass	Single Pass
Feed Water Source	TDS < 2,000	TDS < 2,000	TDS < 2,000
System Recovery with Recycle*	50%-75%	50%-75%	50%-75%
Rejection and Flow Rates			
Nominal Salt Reduction	98.50%	98.50%	98.50%
Permeate Flow Rate*	5.4 gpm	7.2 gpm	10 gpm
Concentrate Flow Rate	4.5 gpm	6.0 gpm	8.0 gpm
Concentrate Recycle Flow Rate	Up to 5.0 gpm	Up to 5.0 gpm	Up to 5.0 gpm
Connections			
Feed Connection	1" CTS QC	1" CTS QC	1" CTS QC
Permeate Connection	3/4" QC	3/4" QC	3/4" QC
Concentrate Connection	3/4" QC	3/4" QC	3/4" QC
Membranes			
Membrane Quantity	3	4	6
Membrane Size	4x40	4x40	4x40
Housings			
Housing Array	1	2	2
Housing Quantity	3	2	3
Pumps			
Pump Type	Multi-Stage	Multi-Stage	Multi-Stage
Motor HP	1	1.5	1.5
RPM @ 60 HZ	3450	3450	3450
Electrical			
Standard Voltage	220v 1ph 60hz	220v 1ph 60hz	220v 1ph 60hz
SF Amps	9	13	13
System Dimensions			
Approx. Dims. (L x W x H)	30" x 35" x 56"	30" x 35" x 56"	30" x 35" x 56"
Shipping Weight	225 lbs.	240 lbs.	255 lbs.

* Product flow and recovery rates are based on feed-water condition of 1,000 ppm of TDS @ 77°F / 25°C. Treatment ability of the RO System is dependent on feed water quality. Higher TDS and/or lower temperatures will reduce product flow. Performance projections should be run for each installation.

** Actual Permeate / Product flow rate of any RO System, is dependent on water temperature, pressure, TDS and water quality. The 15,600 GPD unit on Calgary Canada water with 220 TDS Softened water, @ 50 PSI inlet pressure, and an operating temperature of 10C/50F, produced 6.5 GPM of Permeate flow.



Operating Limits

Design Temperature	77°F	Max. Turbidity NTU ^	1
Max. Feed Temperature	85°F	Max. Free Chlorine ppm	0
Min. Feed Temperature	40°F	Max. TDS ppm	2,000
Max. Ambient Temperature	120°F	Max. Hardness GRG ^^	1
Min. Ambient Temperature	40°F	Max. pH (Continuous)	11
Max. Feed Pressure psi	85	Min. pH (Continuous)	3
Min. Feed Pressure psi	45	Max. pH (Cleaning 30 Min.)	12
Max. Operating Pressure psi	150	Min. pH (Cleaning 30 Min.)	2
Max. SDI Rating	<3		

Test Parameters: Static pressure test for 5 minutes.

^ Appropriate filtration must be installed in order to prevent premature membrane fouling.

^^ Scale prevention measures must be taken to prolong membrane life.

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