Pro Line Ultra-Series
Commercial Reverse Osmosis Systems

The Good Water Warehouse Inc. Ultra-Series Reverse Osmosis Systems, are state-of-the-art, versatile systems for treating municipal and well water supplies. Ultra Systems range in size from 2,600 to 5,200 gallons per day. The Ultra-Series RO systems have minimal energy consumption, low maintenance and excellent operating costs.
The Good Water Warehouse Ultra Commercial RO systems, made in Calgary Canada, are **The Right Choice!**

Big on standard features, yet compact, the Ultra-Series features 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, and offer high rejection and flow rates for quality system performance. These Ultra Low Energy Units, feature ½ HP or ¾ HP multi-stage booster pumps with stainless steel bodies, for Ultra performance and corrosion resistance.

All models are equipped with the **iControls** RO System Controller, for precise control of auto-flush options, operation indication, pre-treatment and storage tank status, & much much more!

Basic Model Features

- Powder-Coated Steel Frame
- Franklin BT4 Series Multi-Stage Pumps
- Motor Thermal Overload Protection
- GE AK-90LE Ultra Low Energy Membrane Elements
- Stainless Steel Membrane Housings
- 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
- Product Water Check Valve
- Pretreatment Lockout

Deluxe Model Upgraded Features

- Auto-Flush Solenoid Valve & Multiple Programming
- Dual Probe TDS Meter
- Powder-Coated Aluminum Frame
- Codeline Fiberglass Membrane Housings

Ultra-2600-D
Shown In Photo

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Product Specifications				
	Ultra-2600-B	Ultra-2600-D	Ultra-5200-B	Ultra-5200-D
Design				
Configuration	Single Pass	Single Pass	Single Pass	Single Pass
Feed Water Source	TDS < 2,000	TDS < 2,000	TDS < 2,000	TDS < 2,000
System Recoverery with Recycle*	35%-50%	35%-50%	50%-75%	50%-75%
Rejection and Flow Rates				
Nominal Salt Reduction	98.50%	98.50%	98.50%	98.50%
Permeate Flow Rate*	1.8 gpm	1.8 gpm	3.6 gpm	3.6 gpm
Concentrate Flow Rate	2.0 gpm	2.0 gpm	3.0 gpm	3.0 gpm
Concentrate Recycle Flow Rate	Up to 2.0 gpm	Up to 2.0 gpm	Up to 5.0 gpm	Up to 5.0 gpm
Connections				
Feed Connection	3/4" CTS QC	3/4" CTS QC	3/4" CTS QC	3/4" CTS QC
Permeate Connection	1/2" QC	1/2" QC	1/2" QC	1/2" QC
Concentrate Connection	1/2" QC	1/2" QC	1/2" QC	1/2" QC
Membranes				
Membrane Quantity	1	1	2	2
Membrane Size	4x40	4x40	4x40	4x40
Housings				
Housing Array	1	1	1	1
Housing Quantity	1	1	2	2
Pumps				
Pump Type	Multi-Stage	Multi-Stage	Multi-Stage	Multi-Stage
Motor HP	1/2 HP	1/2 HP	3/4 HP	3/4 HP
RPM @ 60 HZ	3450	3450	3450	3450
Electrical				
Standard Voltage	110v 1ph 60hz	110v 1ph 60hz	110v 1ph 60hz	110v 1ph 60hz
SF Amps	12.4	12.4	14.5	14.5
System Dimensions				
Approx. Dims. (L x W x H)	27" x 25" x 56"	27" x 25" x 56"	27" x 25" x 56"	27" x 25" x 56"
Shipping Weight	135 lbs.	135 lbs.	135 lbs.	135 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.

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 GPG ^^	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.

RO System Controller

- **Tank Full** (Flash = Standby/Off)
  - Solid Green= Tank Full
  - Flashing Red= Standby
  - Off= RO Running
- **Inlet Valve**
  - Solid Green= Valve Open
- **RO Pump** (Flash = startup delay)
  - Flashing Green= Startup Delay
  - Solid Green= RO Running
- **System Flushing**
  - Solid Green= System Flushing
- **Pretreat Lockout**
  - Flashing Red= Pretreat Lockout
- **Low Pressure** (Flash = restart time delay)
  - Solid Red= Low Pressure
  - Flashing Red= Low Pressure-restart delay

Standby/ON Switch
Capacitive touch switch. Tank Full LED turns Red to confirm button contact. To turn controller OFF/Standby, hold for 1-2 seconds. Momentary contact turns controller On.

MADE IN CANADA · FABRIQUÉ AU CANADA