



Designed for Dialysis

- Licensed as a Medical Device Component by Health Canada under ISO 13485:2003
- Meets or exceeds ISO 13959:2014 Water for haemodialysis and related therapies
- Alarm and alert reporting and logging specifically designed for medical use.
- Upright design maximizes available space.
- Variable frequency drives to conserve water and electricity

Designed for You

- Designed with input from biomedical engineers, dialysis technicians, nurses and hospital maintenance staff
- User friendly operator interface with event logging provides comprehensive operational data
- Quiet pump design reduces operating noise and allows for installation in close proximity to patient care areas.



Single
 Pass
 Reverse Osmosis



Specifications

Product Flow ¹ (Nominal)	4 000 US GPD (402 series) 6 000 US GPD (403 series) 8 000 US GPD (404 series)
Dimensions	82" H x 30" W x 30" D (Max)
Weight (Approx)	660 lbs. (402 series) 730 lbs. (403 series) 800 lbs. (404 series)
Membrane Recovery	50 – 75%
Membrane Rejection	96 - 99%
Inlet TDS ²	<1500 ppm
Pump Type	Multi-Stage Centrifugal (Submersible)
Inlet Water Pressure	30-80 psi
Primary Power Options ³	208 VAC/60Hz/20A/3Ø 480 VAC/60Hz/15A/3Ø 600 VAC/60Hz/10A/3Ø
Ambient Operating Temperature	5 - 35 C
Storage Temperature	5 – 50 C
Inlet Water Temperature	5 – 40 C

¹ Product flow varies based on feed water composition, temperature and operating pressures.

² Inlet water to an RO-HDU is required to meet applicable medical potable water standards.

³ An uninterruptible power supply (UPS) for control power only is available as an option.

Designed for Reliability

- Years of proven reliability in Canadian hospitals and clinics
- High quality component selection for maximum performance and uptime
- Ergonomic open frame design increases ease of maintenance
- Easy access to filter housings and consumables
- 316 Stainless Steel construction for durability and leak prevention

Options

- Direct or Indirect Feed • Dual Pump • Auto Bypass • Single or Dual Pass

CWT RO HDU	1X- 40	4	600	2P-AB	
	System Mode	Membrane Quantity	3 Phase Voltage	Options	
Single	1X	2	208	1P	Single Pump
Alternating Duplexed	2XA	3	460	2P	Dual Pump
Parrallel Duplexed	2XP	4	600	AB	Auto Bypass

Training and Support

A world class product is only as good as the operators who use it on a daily basis. That is why Canadian Water Technologies has designed a practical, informative curriculum designed to facilitate your technician's familiarity with the equipment and promote maximum uptime. Training is included with all system installations. Follow up training is available upon request.



Calgary, AB
(403) 509-1557
Coquitlam, BC
(604) 553-1642



High Purity Water Treatment Systems
CANADIAN WATER TECHNOLOGIES LTD

www.canadianwatertechnologies.com