



High Purity Water Treatment Systems  
**CANADIAN WATER TECHNOLOGIES LTD**

# Ultrapure Quality for Dialysis

Over 30 beds

**HDF Ready.** Meets or exceeds ISO 13959 Water for haemodialysis and related therapies

Licensed as a Medical Device Component by Health Canada under ISO 13485.

Two pass reverse osmosis with failsafe single pass mode, specified in critical scenarios including full patient load and nocturnal scenarios

Designed for use with redundant pretreatment, multiplex storage and distribution systems, remote monitoring, BMS integration, and loop lengths in excess of 1000 feet

8 inch membranes available with optional heat sanitization for safe, effective and fully automated sanitization of the entire product water path



# Specifications

## HS (Heat Sanitizable)

## CS (Chemical Sanitizable)

Dimensions	106" W x 44" D x 80" D (2, 4 membranes) 146" W x 44" D x 80" D (3, 6 membranes) 106" W x 70" D x 80" D (8 membranes)	106" W x 44" D x 80" D (2, 4 membranes) 146" W x 44" D x 80" D (3, 6 membranes) n/a
Product Flow <sup>1</sup> (Nominal)	15000 - 60000 USGPD (2-8 membranes)	18000 - 53000 USGPD (2-6 membranes)
Membrane Rejection <sup>2</sup>	99.5%	99.5%
Inlet TDS	<2000 ppm	<2000 ppm
Inlet Pressure	20-100 psi	40-100 psi
Power Requirements	1x 120 VAC, 60 Hz, 5A max (UPS supply) AND 1x 3ph 208 VAC -OR- 1x 3ph 600 VAC	1x 120 VAC, 60 Hz, 5A max (UPS supply) AND 1x 3ph 208 VAC -OR- 1x 3ph 600 VAC
Pump	Multi-stage centrifugal	Multi-stage centrifugal
Membrane Configuration	Symmetrical (Worker and polisher swap)	Conventional (Left worker, right polisher)
Machine Design	Smart	Conventional
Screen	12.1" touchscreen w/ heads-up interface	9.7" touchscreen w/ process interface
Operating Temperature	5-35 C	5-35 C
Sanitization Temperature	80 C	n/a
Storage Temperature	5-50 C	5-50 C
Inlet Water Temperature	5- 40 C	5- 40 C

1 Smaller product flows are available with our RO-HDU2 line. Larger product flows are available with custom membrane configurations. Contact CWT for more information.

2 Actual rejection percentage depends on feed water composition and membrane selection.



## Service and Support

Our commitment to world class technology doesn't end at installation. To help you realize the most benefit of your product, Canadian Water Technologies provides a practical, informative training curriculum. Training is included with all system installations and follow up training service is available upon request.

### We also offer:

- Service contracts (full or shared)
- Cleaning and sanitization services
- Emergency on-call response
- Phone support

The heat sanitizable RO features an all-new interface designed to show the status of the machine at a glance, complete with advanced logging and diagnostics

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