



## 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
- Two pass reverse osmosis with failsafe single pass mode ensures the highest quality of water and uninterrupted operation.
- Sanitary pharmaceutical style connections for the utmost in bacteria control.

## Designed for You

- Designed with input from biomedical engineers, dialysis technicians, nurses and hospital maintenance staff
- Specifically designed for large clinics operating with heavy patient loads.
- User friendly operator interface with optional remote monitoring

HDF Ready



Two Pass  
Ultrapure  
Reverse Osmosis



Rich, full color touchscreen with event logging makes managing your water system intuitive.

# Designed for Reliability

- 316 SS construction for high purity and long life.
- Motorized 316 SS sanitary butterfly valves.
- 8 inch Filmtec™ membranes in series configuration produce high volumes of ultrapure water for the most demanding clinics.
- Variable frequency pump controllers for precision operation and energy savings
- Programmable Logic Controller keeps your machine current throughout its lifespan

# Specifications

Product Flow <sup>1</sup> (Nominal)	13 000 US GPD (802 series) 19 500 US GPD (803 series) 26 000 US GPD (804 series) 39 000 US GPD (806 series)
Dimensions (802,804) (803, 806)	106" L x 44" W x 80" H (Max) 146" L x 44" W x 80" H (Max)
Membrane Recovery	50 – 75%
Membrane <sup>2</sup> Rejection	96.00 – 99.99%
Inlet TDS <sup>3</sup>	<1500 ppm
Pump Type	Multi-Stage Centrifugal
Inlet Water Pressure	30-80 psi
Primary Power Options <sup>4</sup>	208 VAC/60Hz/3Ø <sup>5</sup> 480 VAC/60Hz/3Ø 600 VAC/60Hz/3Ø
Ambient Operating Temperature	5 – 35° C
Storage Temperature	5 – 50° C
Inlet Water Temperature	5 – 40° C

<sup>1</sup> Product flow varies based on feed water composition, temperature and operating pressures.  
<sup>2</sup> Actual rejection percentages depend on the composition of the inlet water and membrane selection.  
<sup>3</sup> Inlet water to an RO-HDU is required to meet applicable medical potable water standards.  
<sup>4</sup> An uninterruptible power supply (UPS) for control power only is available as an option  
<sup>5</sup> 804/806 models designed for 208V are special order and may require additional utility coordination and/or installation costs

# Options

- Auto Bypass • Live Clean

CWT RO HDU	2-40	4	600
	System Mode	Membrane Quantity	Voltage
Single	1X	2	208 208 VAC 3Ø
Two Pass	2-	3	460 460 VAC 3Ø
Alternating Duplexed	2XA	4	600 600 VAC 3Ø
Parallel Duplexed	2XP		

# 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.



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High Purity Water Treatment Systems  
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