

# ISO 23500, AAMI-RD62 COMPLIANT DIALYSIS WATER TREATMENT SYSTEMS

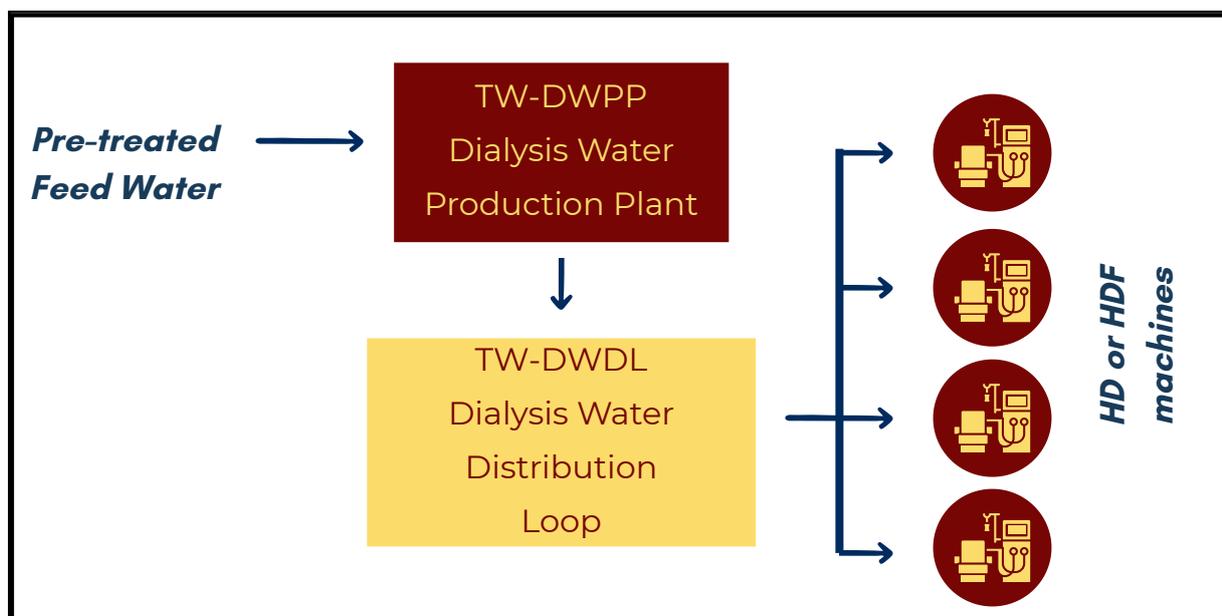
**Tranzform Water** is a manufacturer of advanced dialysis water treatment solutions, serving hospitals and dialysis centers across Asia Pacific.



We help dialysis centers:

- ✓ Meet stringent DOH & ISO water quality standards
- ✓ Protect patients from waterborne contamination risks
- ✓ Ensure consistent ultrapure water for dialysis treatments
- ✓ Focus on patient care, not water system worries

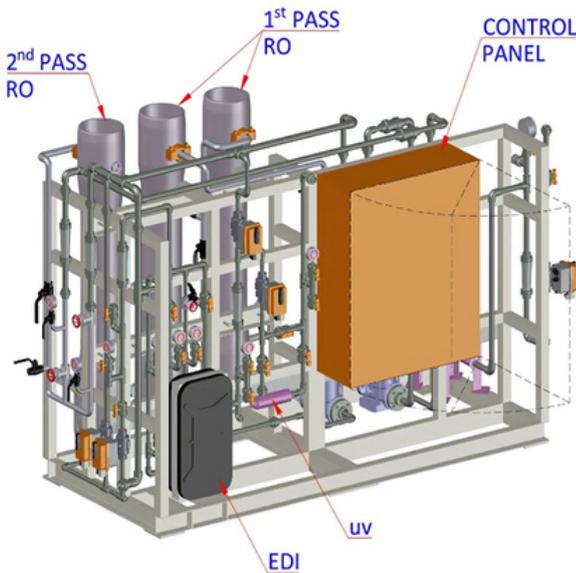
TW provides a comprehensive solution for safe, efficient, and compliant water treatment in hemodialysis applications, ensuring ultrapure water quality in accordance with ISO 23500 and AAMI standards (RD62).



## Tranzform Water's Dialysis Water Treatment system parts :

1. TW-DWPP Dialysis Water Production Plant in 200 l/h to 2000 l/h models.
2. TW-DWDL Dialysis Water Distribution Loop in 250 l/h to 1800 l/h models.

# DIALYSIS WATER PRODUCTION PLANT (DWPP)



## What's in our DWPP System?

- 2 pass Sanitary RO
- EDI for Water  $<5 \mu\text{S}$  to  $10 \text{ M}\Omega$  (for HDF only)
- VFD driven Feed & Hi-Pressure Stn Stl pumps
- ISO 1163 Sanitary Plumbing
- Flow/Conductivity/Temperature Transmitters
- High intensity UV Sterilizer
- Auto. Hot Water Sterilization

Models	DWPP-200	DWPP-400	DWPP-1000	DWPP-2000
Pump motor(kW)	1.1	2.2	3	4
	0.55	1.1	1.1	3
Min Flowrate (m3/hr)	0.2	0.4	0.9	1.8
Power (kW)	3 to 5	7 to 10	8 to 12	12 to 15
Dimensions (m) L x W x H	1.6 x 1.1 x 2	1.8 x 1.1 x 2	2.4 x 1.1 x 2	4 x 1.1 x 2

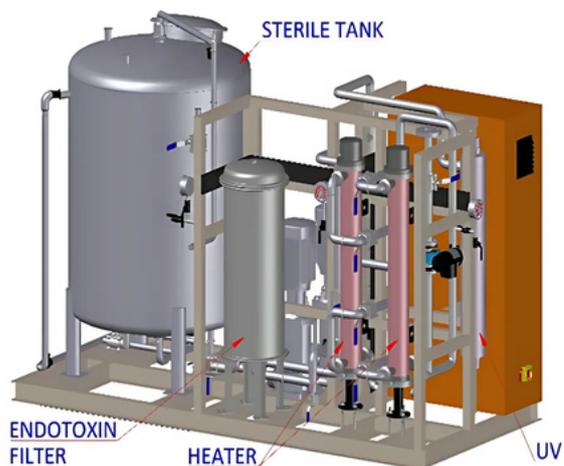
Call for a no-obligations quote & process flow diagram.

# DIALYSIS WATER DISTRIBUTION LOOP (DWDL)



## What's in our DWDL System?

- SUS 316 Sterile Water Tank
- VFD driven SUS 316 distribution pumps with redundancy
- 2 x Stn Stl Electric Heaters
- UV Sterilizer
- Endotoxin Filter in a SUS 316 Housing
- Flow/Conductivity/Temperature Transmitters
- PLC based Control Panel c/w data logging for traceability
- SUS 316 Sanitary plumbing



Models	DWDL-250	DWDL-500	DWDL-1000	DWDL-1800
Pump motor(kW)	1.5	2.2	4	5.5
Flowrate @ 5 bar (m <sup>3</sup> /hr)	2.5	5	10	18
Heater (kW) each	5	10	20	25
Time for Temp. increase 25-89 °C (hr)	2	2	2	3
UV	LR5-355-HW	LR5-355-HW	LR5-855-HW	LR5-1405-HW
Endotoxin Filter	20" x 3R	20" x 5R	20" x 7R	30" x 12R
Tank Vol (L)	250	500	1000	2000
Power (kW)	10-25	20-35	30-45	35-60
Dimensions (m) L x W x H	2.5 x 1.2 x 2.2	2.7 x 1.4 x 2.2	2.9 x 1.4 x 2.2	4.2 x 1.3 x 2.2

Call for a no-obligations quote & process flow diagram.