

AS-5369, AAMI-ST108, ISO-15883 COMPLIANT HIGH PURITY STERILE WATER SYSTEMS

Tranzform Water is a manufacturer of advanced water treatment solutions, serving hospitals, laboratories, and industrial clients across Australia, Singapore, and Southeast Asia.

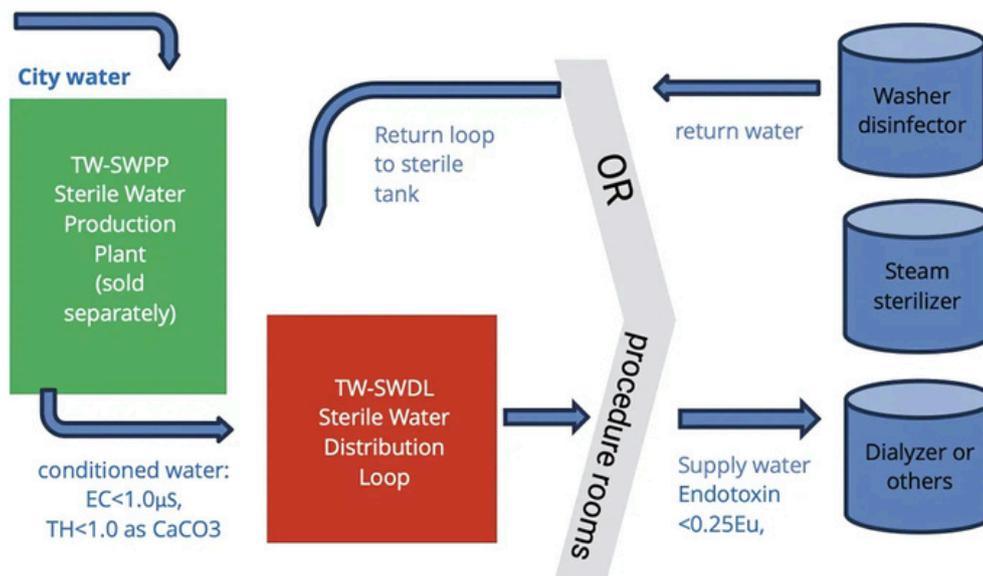


Our Duplex SWPP2000 & SWDL1800 at Fiona Stanley Hospital CSSD

We help healthcare providers:

- ✓ Meet Compliance Standards
- ✓ Eliminate or reduce patient contamination risks
- ✓ Avail RMDs with quick turnaround
- ✓ Not worry about what is not their core

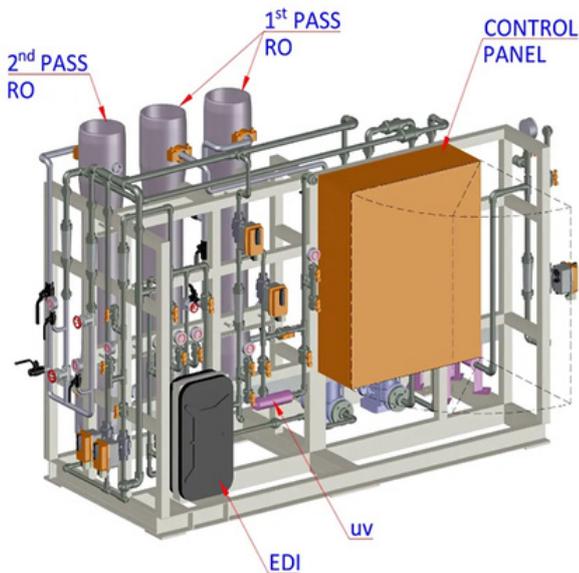
TW provides a comprehensive solution for efficient & compliant water supply & distribution in healthcare sterilization processes for re-processing of Reusable Medical Devices (RMDs) in compliance with AS-5369, AAMI-ST108, ISO-15883.



Tranzform Water's CSSD systems comes in 2 user selectable parts :

1. TW-SWPP Sterile Water Production Plant in 200 l/h to 2000 l/h models.
2. TW-SWDL Sterile Water Distribution Loop in 250 l/h to 1800 l/h models.

STERILE WATER PRODUCTION PLANT (SWPP)



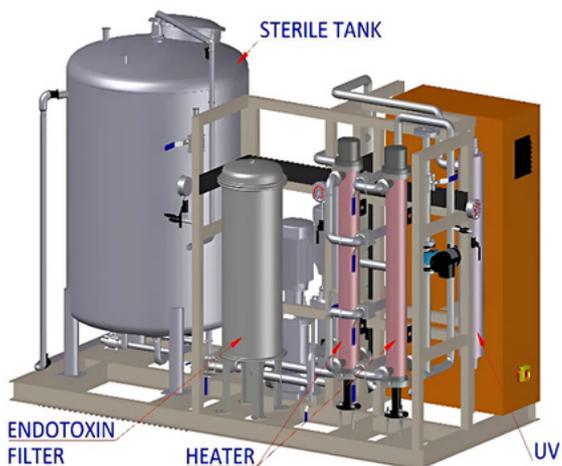
What's in our SWPP System?

- 2 pass RO
- EDI for Water <math>< 5 \mu\text{S}</math> to 10 M Ω
- VFD driven Feed & Hi-Pressure Stn Stl pumps
- EDI Module for on or off-site chemical free operation
- Flow/Conductivity/Temperature Transmitters
- High intensity UV Sterilizer

Models	SWPP-200	SWPP-400	SWPP-1000	SWPP-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.

STERILE WATER DISTRIBUTION LOOP (SWDL)



What's in our SWDL System?

- SUS 316 Water Storage Tank with internal polish finish of <math><Ra 0.8</math>
- 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	SWDL-250	SWDL-500	SWDL-1000	SWDL-1800
Pump motor(kW)	1.5	2.2	4	5.5
Flowrate @ 5 bar (m ³ /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

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