

Thermapure

Reverse Osmosis Systems for Sterile Services and Endoscopy Reprocessing

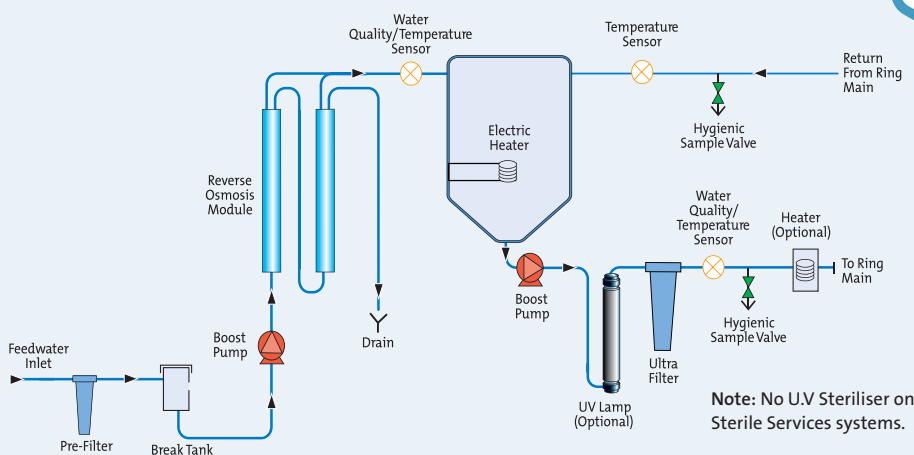
The Thermapure range of compact heat sanitisable Reverse Osmosis (R.O.) systems provide a cost effective solution to meet the latest decontamination guidelines. Thermapure units are designed to run continuously up to 80°C for Sterile Services and cold running with automatic heat disinfection for Endoscopy applications.

R.O. make up flow rates from 120 to 600 litres/hour. Ringmain flow rates 120 litres/minute with option of higher flows.

Key Benefits

- Skid mounted, standardised systems enable quick installation and start-up.
- R.O. system flush on start-up ensures water is maintained to specification.
- Intuitive and simple to use 3.7" HMI colour touch screen displays service conditions, alarms and hours run in text format.
- Conductivity meter with alarm set points manages R.O. water quality.
- Flexible heat disinfection programme eliminates need for ringmain chemical sanitisation (cold water Endoscopy operation).
- Alarm/sanitisation history and timestamps enables diagnostic analysis.
- PLC control provides four volt free alarm contacts for BMS or remote alarm systems.

Service 24/7,
365 days a year
4, 8, 24 hour
support



Thermapure 300, 300DX & 600 System



Thermapure 120 & 200 System

Feed Water Requirements

Pre-softened, potable water free from organic contamination, chlorine and suspended solids.

Pressure	bar g.	min 2.0	max 6.0
Temperature	°C	min 5°	max 35°

15°C recommended for optimal performance.

Treated Water Quality

Model (standard range)		200	300	300 Duplex	600
Conductivity @15°C	µS/cm			<30	
Bacteria	100 CFU/ml			<10	
Endotoxins	EU/ml			<0.25	

Dimensions & Weights

Model (standard range)		200	300	300 Duplex	600
Height	mm	1300		1900	
Depth	mm	530		900	
Width	mm	840		700	
Service Weight	kg	320	450	505	465

1000 mm service access is required around and above Thermapure installation.

Electrical Requirements & Noise Level

Model (standard range)		200	300	300 Duplex	600
Mains Input		380/415 V, 3 phase, neutral & earth.			
Maximum Load	Amps	10.1	15.3	18.0	16.1
Power Consumption	kW	5.30	8.65	9.05	9.04
Noise Level	dBA	61		67	

For higher flow rates or other processes, consult your local Veolia Water Technologies representative.

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