

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 200 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.

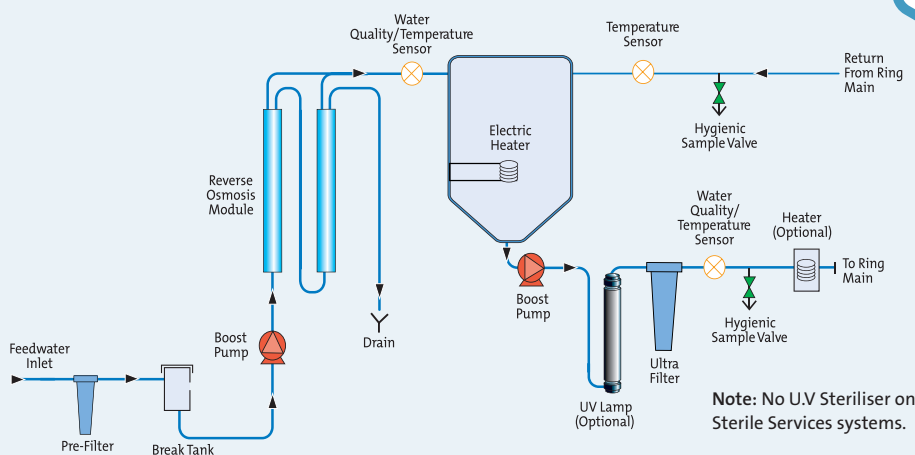
Service 24/7,
365 days a year
4, 8, 24 hour
support



Thermapure
300, 300DX
& 600 System



Thermapure
200 System



Note: No U.V Steriliser on Sterile Services systems.

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
Make Up Rate	l/hr	200	300	300-600	600
Recovery Max	%	75			
Conductivity @15°C	µS/cm	<30			
Bacteria	CFU/100 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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