

OSIRIS

Reverse Osmosis Water for Sterile Services Departments

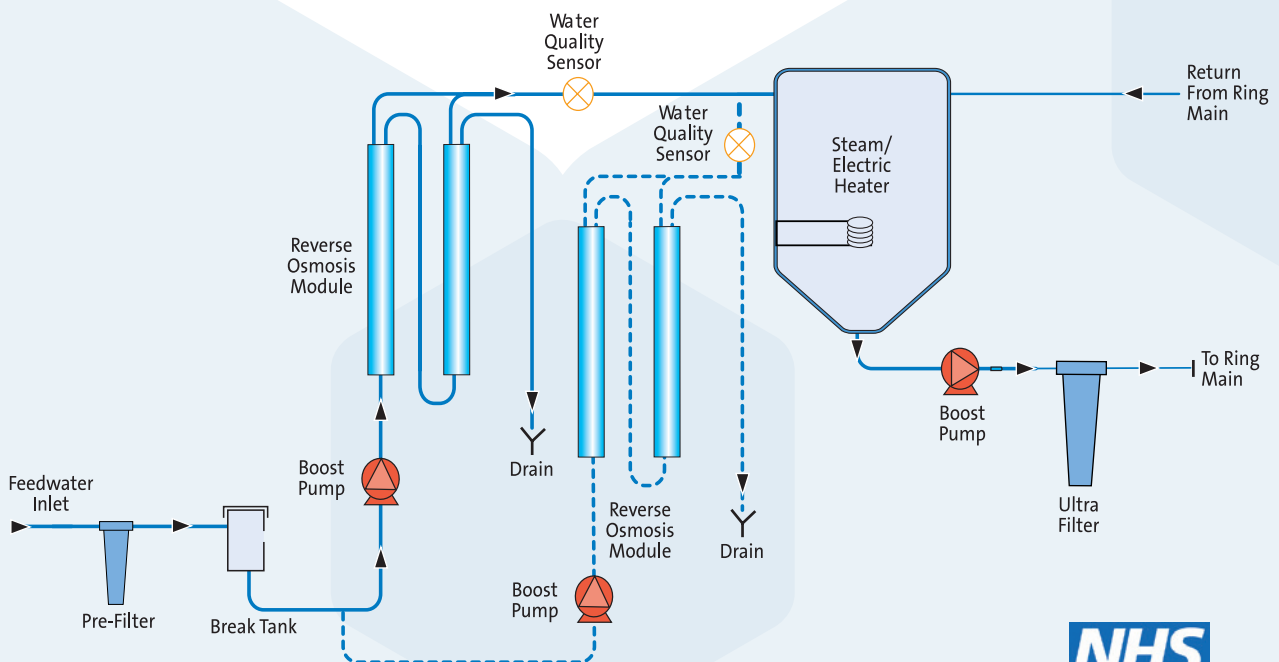
The OSIRIS product range has been designed to provide water for Sterile Services Departments to the latest decontamination guidelines. It has an integrated on board monitoring, an automated heat disinfection program specifically designed and validated to ensure that consistently compliant water is supplied for critical applications.

The OSIRIS is a bespoke manufactured product, that has a range of hot and cold options available, which can be designed to meet the requirements of any Sterile Service Department within the Healthcare industry.

Key Benefits

- Skid mounted solution for ease of installation
- High efficiency reverse osmosis membranes
- Complete service and validation support
- Automated disinfection
- Programmable alarms to monitor water quality and system performance
- Carbon footprint and water sustainability assessments available
- Steam / electrical heating

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



NHS Supply Chain

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 design)		300	600
Make Up Rate @30°C	l/hr	300	600
Recovery Max	%	75	
Conductivity	µS/cm	<30	
Bacteria	CFU/100 ml	<10	
Endotoxin	EU/ml	<0.25	

* Higher RO flow rate specifications up to 2400 l/hr as standard.

Dimensions & Weight**

Model (standard design)		300	600
Dimensions		Manufactured to customer specification	
Shipping Weight (approx)	kg	300	500
Service Weight (approx)	kg	600	1100
Recirculation Pump Motor Size	kW	0.55	0.75

** Dimensions for duplex and higher RO make systems available from Veolia Water Technologies.

Electrical Requirements

Electric Heater Power (30°C Feed)	KW	18	30
Power – 380/415V; 3 Phase; 50Hz Electric Heater	Amps	30	50
Power – 380/415V; 3 Phase; 50Hz Steam Heater	Amps	5	8

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