

elite mediQA⁺

single pass heat sanitisable
reverse osmosis units



500 - 4,000 l/hr

- High recovery rates; output flow rates from 500 to 4,000 l/hour.
- Units can be configured to run in multiple combinations to provide redundancy.
- Fully integrated automatic hot water membrane sanitisation for enhanced microbiological performance.
- Full colour touch screen display with comprehensive menu navigation including full schematics.
- Advanced data logging technology with password control.
- Data log file can be downloaded to a PC using a memory stick, providing access to historical performance data for full traceability.
- Semi-automated chemical cleaning program with on screen reminder function.
- Lightweight, corrosion resistant GRP or optional stainless steel pressure vessels.
- Compact, stainless steel skid mounted package.



elite mediQA+

single pass heat sanitisable reverse osmosis range

description

Elite MediQA+ single pass heat sanitisable RO units provide an innovative, high quality water purification system for haemodialysis and haemodiafiltration.

Our flexibility and strength of design ensures that the Elite MediQA+ range meets the needs of your dialysis requirements, now and in the future.

The range provides a unique set of benefits which allows unrivalled ease of operation and performance. All of our models meet the requirements for Medical Device Directive 93/42/EEC and are CE marked as Class IIb Medical Devices.

technical specification

		500 SPH	750 SPH	1000 SPH	1500 SPH	2000 SPH	2500 SPH	3000 SPH	3500 SPH	4000 SPH
Performance										
Permeate flow rate @ 10 °C **	l/hr	500	750	1000	1500	2000	2500	3000	3500	4000
Drain flow	m ³ /hr	0.17	0.25	0.33	0.50	0.67	0.80	1.00	1.20	1.40
Dimensions										
Height	mm	1600	1600	1600	1600	1600	1600	1600	1600	1600
Width	mm	1000	1000	1000	1000	1000	1000	1000	1000	1000
Depth	mm	964	964	964	964	964	964	1264	1264	1264
Weights										
Working	kg	332	350	412	429	556	576	623	653	768
Shipping*	kg	207	225	257	274	371	391	408	438	523
Services - Power										
Supply	V/ph/Hz	All units require 3-phase supply 400V +N+E 50/60 Hz								
Max current draw	Amps	28	28	28	28	28	30	30	30	30

Services - Connections		
Feed water	25 DN	All connections in 1" sanitary tri-clamp
Concentrate	25 DN	
Permeate	25 DN	
Ring return	25 DN	

Services - Feed water	
Pressure	Minimum feed water pressure 2 bar: maximum 6 bar
Free Chlorine	Following activated carbon, free chlorine level must be <0.1 ppm
Temperature	For optimum performance feedwater temperature should be between 5 °C and 25 °C
Total dissolved solids	Maximum feed water total dissolved solids 1000 ppm
Total hardness	All units require softened feed water with a total hardness of <4 ppm as CaCO ₃
S.D.I	Silt density index following final 5 micron filtration should be <5

contact

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* Un-crated weight.
** Variations in feed water temperature can affect output by up to ± 3% per degree Celsius.