

elite mediQA

single pass 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.
- 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 reverse osmosis range

description

Elite MediQA single pass 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 of the Medical Device Directive 93/42/EEC and are CE marked as Class IIb Medical Devices.

technical specification

		500 SP	750 SP	1000 SP	1500 SP	2000 SP	2500 SP	3000 SP	3500 SP	4000 SP
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	0.83	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	964	1264	1264
Weights										
Working	kg	317	330	364	381	413	424	443	494	518
Shipping*	kg	192	205	239	243	256	269	288	309	333
Services - Power										
Supply	V/ph/Hz	All units require 3-phase supply 400V +N+E 50/60 Hz								
Max current draw	Amps	9	9	10	12	12	13	13	13	13

Services - Connections		
Feed water	25 DN	Feed water connection 1" threaded female BSP
Concentrate	25 DN	All connections in 1" sanitary tri-clamp
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.

