



Elite MediQA : double pass reverse osmosis units

- High recovery rates; output flow rates from 500 to 4000 l/hour.
- Units can be configured to run in multiple combinations to provide redundancy.
- 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 stainless steel pressure vessels.
- Compact, stainless steel skid mounted package.



Elite MediQA : double pass reverse osmosis range

Purite Elite MediQA double 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.

		500 DP	750 DP	1000 DP	1500 DP	2000 DP	2500 DP	3000 DP	3500 DP	4000 DP
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	1265	1265	1265	1265	1265	1265	1565	1565	1565
Weights										
Working	kg	479	488	534	551	619	675	741	797	905
Shipping*	kg	354	363	379	396	434	490	526	582	660
Performance										
Permeate flow rate @ 10°C **	l/hr	500	750	1000	1500	2000	2500	3000	3500	4000
Total drain flow	m ³ /hr	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	1.5
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 feed water temperature should be between 5°C and 35°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									
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 - Power										
Supply	V/ph/Hz	All units require 3-phase supply 400V +N+E 50/60 Hz								
Max current draw	Amps	14	15	16	19	21	22	22	22	22

* Un-crated weight with stainless steel vessels.

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

Errors and omissions excluded.

Purite reserves the right to change the specification in accordance with our program of continual improvement.



PURITE
FIRST FOR PURE WATER

Purite Limited, Bandet Way, Thame, Oxon OX9 3SJ, UK.
Tel: +44 (0)1844 217141 Fax: +44 (0)1844 218098
Email: contactus@purite.com Website: www.purite.com

