

Haemodialysis

AquaUNO

Reverse osmosis for single patient stations



Fresenius Medical Care

AquaUNO

Reverse osmosis for single patient stations providing safe and economical dialysis operation

The mobile single patient reverse osmosis model AquaUNO is designed for use with haemodialysis machines such as the dialysis systems 4008 and 5008. It can be used in home dialysis and on Intensive Care Units. The AquaUNO meets today's requirements for microbiological purity, technical safety and economical operation.

Microbiological purity

- Automatic rinse cycles in start up and standby phase,
- Cleaning and disinfection programmes including the recirculating permeate loop,

Safety in dialysis operation

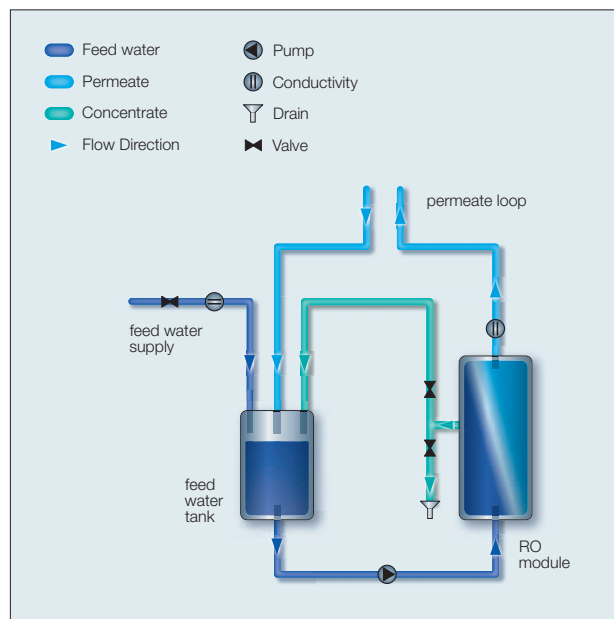
- Initial self-test of key components when switching on the RO unit,
- Improved safety functions,

Economical operation

- Recovery of excess permeate and concentrate,
- Monitoring of the cleaning cycle schedule to protect and maintain membrane performance,



AquaUNO Porter with pretreatment comprising 100 µm backwash filter, 3 × 10" 20 µm, carbon and 1 µm cartridges.



Flow scheme of the Fresenius AquaUNO

Specifications

Water specifications

Water inlet pressure	1.5–5.0 bar
Water temperature	10°C–25°C
Water hardness	for up to 25° German hardness no softener required
pH	6–8
Chlorine content	< 0.1 ppm
Pre-treatment	Filter 5–20 (µm) recommended
SDI (Silt Density Index)	< 3

Technical data

Standard power supply	230 VAC, 50 Hz, 300 VA (options on request)
Minimum permeate output	50 l/h at 10°C water temperature and 2 bar counter-pressure.
Dimensions (w × h × d)	515 mm × 455 mm × 200 mm, weight approx. 30 kg
Concentrate outflow	100 cm maximum drain height, 2 cm free fall

AquaUNO Porter

AquaUNO Porter with pretreatment	Art. No. 634 349 1
AquaUNO Porter without pretreatment	Art. No. 634 348 1
Dimensions (w × h × d)	820 mm × 950 mm × 480 mm

Technical specifications subject to change



Fresenius Medical Care