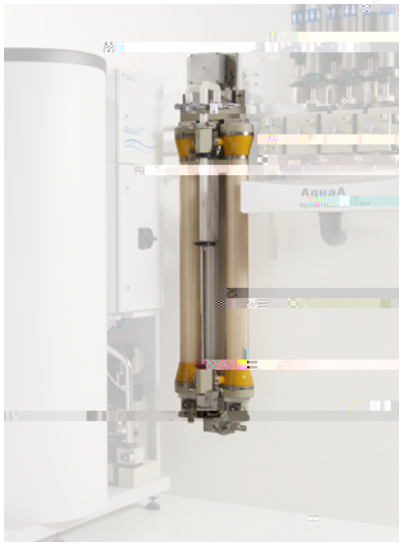
AquaA



Compliance with ISO Standards

The option **AquaUF** (central ultrafiltration system) streamlines compliance with ISO dialysis water quality standards

ISO 23500-1	Part 1: **addresses** guidance for the preparation and quality management of fluids for hemodialysis and related therapies
ISO 23500-2	Part 2: **covers** water treatment equipment for hemodialysis applications and related therapies
ISO 23500-3	Part 3: **specifies** minimum requirements for water for hemodialysis and related therapies

Technical Data

Specifications

Feed flow @ 15°C	AquaUF 2500 2250 L/h	AquaUF 4000 4000 L/h
Pressure loss	0.7 bar @ 2000 L/h	1.2 bar @ 4000 L/h
Weight in kg (empty / filled)	28 / 35 kg	32 / 45 kg
Valves, electrical data	1 × 24 VDC 0.5 A	2 × 24 VDC 0.5 A
Inlet & outlet connection	Clamp PVDF	
Drain water connection	Min. DN 50	
Dimensions in mm (h × w × d)	1600 mm × 400 mm × 400 mm	
Installation	Wall installation	

Operating conditions

Inlet water	Dialysis water
Feed water temperature @ Supply mode	Min. 5 °C / max. 35 °C
Feed water temperature @ Heat disinfection	Max. 87 °C @ tolerance + 1°C
Feed water pressure @ up to 50°C	Max. 6 bar
Feed water pressure @ 80°C	Max. 4 bar
Atmospheric pressure	700–1150 hPa
Ambient temperature range	+5 °C to +35 °C
Relative humidity	

Indications for Use

The AquaA Water Purification Systems are reverse osmosis units intended for use with hemodialysis systems to remove organic and inorganic substances and microbial contaminants from the water used for treating hemodialysis patients or other related therapies. These devices are intended to be a component in a complete water purification system and are not complete water treatment systems. Each reverse osmosis unit must be preceded by pre-treatment devices and may need to be followed by post-treatment devices as well, to meet current AAMI/ANSI/ISO and Federal (US) standards.

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