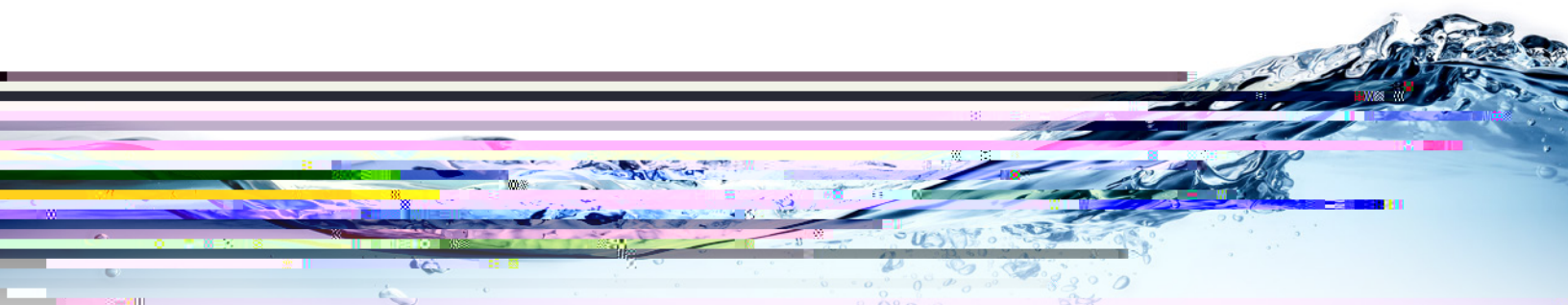




## Compliance with ISO Standards

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

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

## Operating conditions

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



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.