

## **Compliance with ISO Standards**

The AquaBplus B2 double-stage reverse osmosis system streamlines compliance with ISO dialysis water quality standards.

**ISO 23500-1** Part 1: addresses general requirements for the preparation and quality management of fluids for

---

---



# Technical Data

## Specifications

Removal efficiency of bacteria	>99%
Removal efficiency of viruses	>96%
Product water quality depends on inlet water quality	

## Water Supply

Operating pressure	Dynamic 2-6 bar
Minimum inlet flow in liters per hour at maximum outlet capacity and a yield of 75%	AquaBplus : min. 2000 L/h AquaBplus : min. 3000 L/h AquaBplus : min. 4000 L/h AquaBplus : min. 5000 L/h AquaBplus : min. 6000 L/h
Water inlet connection	Direct PE-Xa connector 25 x 3.5 (feed and return) on the system
Water inlet connection	1 1/4" external thread, stainless steel
Water inlet connection	DN 70 (HT pipe)

## Operating Conditions

Water temperature	<1.0 °dH
Water temperature	<0.1 mg/L
Water temperature	<0.1 mg/L
Water temperature	<100 mg/L
Water temperature	<25 mg/L
Water temperature	0.1 mg/L
Water temperature	<2500 uS/cm
Water temperature	1500 mg/L
Water temperature	6-8
Water temperature	<3
Water temperature	Min. 5°C/max. 35°C
Water temperature	Ambient pressure: 700-1150 hPa
Water temperature	+5°C to +35°C
Water temperature	Up to 80% at 20°C (non-condensing)

## External Connection Options

External connection	Electrically isolated interface for data exchange (RJ45) CAT5 The system can be connected to the in-house network
External connection	Isolated inputs to start the AquaBplus B2 in <b>standby</b> mode or to stop all operating modes
External connection	24V AC/DC/1A
External connection	Electrically isolated input as "collective alarm" from external equipment
External connection	e.g., AquaDETECTOR

# Technical Data

## Transport and Storage Conditions

Any additional equipment connected to this system must comply with the applicable IEC or ISO standards (such as IEC 60950-1 for information technology equipment). Plus, all system configurations must comply with the requirements for medical systems (according to Annex I to EN 60601-1).

+5°C to +40°C (protect from freezing)

Storage time of preserved system: maximum 12 months

Ambient pressure: 500-1,150 hPa

Up to 80% at 20°C (non-condensing)

## Materials in Contact with Dialysis Water

Plastics	PP	Polypropylene
	PE	Polyethylene
	PSU	Polysulfone
	PPO	Polyphenylene oxide
	PVDF	Polyvinylidene fluoride
Elastomers	EPDM	Ethylene propylene diene monomer
		Silicone
Metals	1.4571	Stainless steel
	1.4404	Stainless steel
	Ti	Titanium
Ceramics	Al2O3	Ceramic

## Indications for Use

The **AquaBplus**

### FMCNA.COM

Fresenius Renal Technologies, a division of Fresenius Medical Care North America  
920 Winter Street, Waltham, MA 02451  
Customer Service: 800-662-1237 | Technical Support: 800-227-2572