

# AquaBplus

Economical. Protective. Reliable.



**FRESENIUS  
MEDICAL CARE**

## AquaBplus—The Modular Reverse Osmosis Platform

Providing high quality dialysis water is an essential part of delivering dialysis therapy. The AquaBplus system offers a flexible design with components that can be combined in multiple configurations—including single or double stage, with or without a heat disinfection module. Discover the next generation in dialysis water treatment.

### Economical

- Modular structure to fit individual needs
- Demand-controlled water-saving circuit
- Reduced operating costs thanks to intelligent parameter control

### Protective

- High permeate quality facilitated by dead-space free tubing connection and integration of automatic rinse program
- Leakage monitoring and guided chemical disinfection
- Redundant components and emergency mode for uninterrupted permeate supply in event of system failure
- Supports system validation and revalidation

### Reliable

- Closed cabinet design helps protect internal components from damage and dirt
- Proven technology based on ten years of in-field experience



## Three Stages to Meet Real-Life Conditions

The individual units of the AquaBplus platform can be combined to help meet a wide range of local regulatory and water quality requirements.

### Single Stage

AquaBplus is the basic module for permeate production—available with remote monitoring through an online interface.



### Double Stage

AquaBplus B2 forms a double-pass system for higher permeate quality. Connected in series, the first and second stages of AquaBplus operate together or individually in emergency mode.



### Automated Heat Disinfection (Available with Single- or Double-stage Systems)

AquaBplus HF permits temperature-monitored heat disinfection of the permeate ring main plus heat disinfection of up to four dialysis machines in parallel or up to 2.4 L/m of consumption.



# Technical Data

## Specifications

	AquaBplus	AquaBplus B2	AquaBplus HF
<b>Dimensions</b> (h x w x d)	150 x 55 x 95 cm	150 x 55 x 95 cm	150 x 22 x 60 cm
<b>Weight</b> (filled)	160-370 kg	150-320 kg	75 kg
<b>Capacity</b>	500-3000 L/h	500-2500 L/h	Heat disinfection of up to four dialysis machines in parallel or up to 2.4 L/m of consumption
<b>Yield</b>	Up to 75%	Up to 75%	n/a
<b>Power Supply</b>	208 V 3/N/PE, 60 Hz, 20 A	208 V 3/N/PE, 60 Hz, 20 A	208 V 3/N/PE, 60 Hz, 80 A

## Features

	AquaBplus model	Station Capacity Single Stage*	Station Capacity Double Stage*	Ring Base**	Heat Disinfection Unit	Wall-Mounted Inlet	Emergency Mode	Visual Status Indicator	External Alarm
Single Stage	AquaBplus 500	1 to 5	–	●	▲	●	▲	●	●
	AquaBplus 1000	5 to 10	–	●	▲	●	▲	●	●
	AquaBplus 1500	11 to 20	–	●	▲	●	▲	●	●
	AquaBplus 2000	21 to 30	–	●	▲	●	▲	●	●
	AquaBplus 2500	31 to 40	–	●	▲	●	▲	●	●
	AquaBplus 3000	41 to 50	–	●	▲	●	▲	●	●
Double Stage	AquaBplus B2 500	–	1 to 5	●	▲	●	●	●	●
	AquaBplus B2 1000	–	5 to 10	●	▲	●	●	●	●
	AquaBplus B2 1500	–	11 to 20	●	▲	●	●	●	●
	AquaBplus B2 2000	–	21 to 30	●	▲	●	●	●	●
	AquaBplus B2 2500	–	31 to 40	●	▲	●	●	●	●

● Standard ▲ Optional – Not available \* The number of stations may vary based on several factors \*\* Cannot be retrofitted

## Options

**Ring Base:** 1. Enables permeate to be discarded before it is fed into the ring main when alarms limits are exceeded.  
2. Allows pressure peaks to be reduced in the feed.

**Heat Disinfection Unit:** heat disinfection of up to four dialysis machines in parallel or up to 2.4 L/m of consumption

**Emergency Mode:** additional hardware that allows for safer operation in the event of system failure of either stage

## Indications for Use

The **AquaBplus** 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.

### FMCNA.COM

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