

Cardioprotective Haemodialysis

AquaC

When independence matters



Cardioprotective Haemodialysis **SPOT**



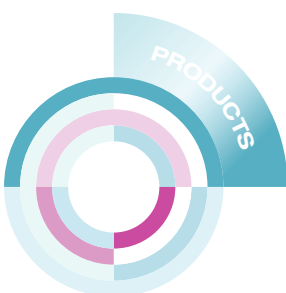
**FRESENIUS
MEDICAL CARE**

Protect your Patient

AquaC – the flexible reverse osmosis devices

The Online Purification Cascade (OPC) is a significant part of the Fresenius Medical Care integrated approach to dialysis therapy. The OPC product line covers all processes for the delivery of high-quality fluids required for dialysis treatment.

In order to achieve the necessary fluid quality, the OPC product line comprises a series of devices, addressing different purification steps, such as reverse osmosis (RO) systems.



When space and time are critical, e.g. in home environments or intensive care units (ICU), different challenges for water treatment systems arise in terms of availability, reliability and safety. The compact and low-noise reverse osmosis devices of the AquaC group are designed with a focus on optimal performance in environments where space is limited and flexible deployment essential.

Convenient

- Compact and quiet
- Straightforward menu-based user interface
- Hardware-supported monitoring and documentation of operating data and disinfection procedure

Protective

- System safety supported by self-test routines at every power-up
- Procedure-guided accurate and high-quality disinfection
- Microbiological growth minimised by automated rinsing and recirculation of permeate
- Supporting system validation and revalidation

Economic

- Efficient reverse osmosis solution for small dialysis units
- Customised investment facilitated by modular design
- Efficient use of resources and prolonged device lifetime with programmable start/stop/standby functions

Three different devices have been developed for optimal use under challenging conditions.

For single patient use at home or in an intensive care unit:

Single patient device

AquaUNO provides high-quality permeate quickly and reliably.



Single patient device with heat disinfection

The fully automatic heat disinfection feature and IT-interface for remote assistance of the AquaC UNO H ensure hygienic conditions in the entire fluid system providing additional security for HighVolumeHDF.



In small dialysis centres, where patients and technology share the same limited space:

Small centre device

AquaWTU is a complete stand-alone water treatment system including a reverse osmosis device and basic pre-filtration. It is designed to supply up to 5 HD devices at minimum noise emission.



SPOT on:

- Compact and quiet reverse osmosis

Technical Data

Specifications			
	AquaUNO	AquaC UNO H	AquaWTU
Permeate capacity	70 L/h @ 15 °C	85 L/h @ 15 °C	125–250 L/h @ 15 °C
Yield	Up to 50%	Up to 55% / 70% with Eco (O)	Up to 75%
Dimensions (h x w x d)	47 x 52 x 20 cm	50 x 52 x 20 cm	93 x 51 x 58 cm
Weight (empty/filled)	30/32 kg	35/37.5 kg	110/135 kg
Power supply	220–240 V~, 50/60 Hz, 10 A	220–240 V~, 50/60 Hz, 10 A	220–240 V~, 50/60 Hz, 16 A

Configuration Options							
Device	Porter	Porter S	Basic prefiltration	Extended prefiltration	Remote control	Sample port	Leakage detection
AquaUNO	○	○	○	○*	–	○	○
AquaC UNO H**	○	○	○	○*	○	○	○
AquaWTU	–	–	●	○	○	–	●/○

* Only in combination with Porter/Porter S

** Further device specific options available: IT, Hygiene

- Standard
- Optional
- Not available



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