



Purified Water Solutions for Dialysis

WATER TECHNOLOGIES

About us

Veolia Water Technologies UK is a subsidiary of Veolia - the global leader in environmental services.

Veolia Water Technologies UK specialises in supplying innovative process solutions for dialysis and we are the exclusive distributor to the UK and Ireland for the full range of renal products from DWA, the German dialysis specialist.

We understand the issues and key challenges dialysis facilities face in delivering a high quality, reliable and cost-effective service for their patients. Our many years of experience and expertise enable us to offer innovative and proven solutions to help you at every stage of the project; from initial consultation and system specification to installation and ongoing service and support. Furthermore we have a track record for delivering projects on time and on budget.

We have the capability to provide you with total water purification and central concentrate systems to support dialysis treatments. Our water treatment systems cover all aspects from pre-treatment, reverse osmosis, ultrafiltration and hot sanitisation systems, right up to the supply connection on the dialysis machines.

We can advise you on the best combination of equipment for your needs, whether it is a standalone single patient unit, a small ring-main for a satellite station, or a larger system for a hospital. As you would expect, our equipment is designed to be simple and intuitive to use. What's more, because it is so compact and quiet in operation, it can be situated close to the renal ward for easy accessibility.

A Sustainable Cost-efficient Solution

The NHS is targeted to significantly reduce carbon emissions, which means all new projects need to be as energy efficient as possible. Veolia Water Technologies UK is committed to supplying solutions that deliver sustainable reductions in water usage and CO2 through a combination of new technologies/systems and a reappraisal of working practices. By reducing water usage you can also cut your energy costs and deliver ongoing savings.

“*I feel safe knowing an important element of our patient care is being protected by a company and individuals with great knowledge and experience.*”

Our Technologies and Systems

We set the standard in dialysis water treatment and are the only company producing ultrapure permeate by combining reverse osmosis and a thermally sanitised ultra-filtration membrane, with integrated heat-disinfection of the ring-main to the dialysis machines.

Reverse osmosis represents the best water purification technology for dialysis, and we have a wide range of reverse osmosis systems that incorporate a host of technologically advanced features that ensure patient safety and reliability over many years' service.

Reverse Osmosis Units

The **modula** range of reverse osmosis units incorporate a variety of solutions to deliver flow units from a 350 l/hr through to 3,500 l/hr. System configurations provide complete flexibility from duty only, duty-standby, twin-pass, and heat sanitisable.

All units have a compact footprint, are hygienically designed and have sustainable features to reduce the volume of water sent to drain.

The **nephro TP** range of reverse osmosis units can deliver flow rates of up to 6,000 l/hr with models configured for duty only, duty-standby, twin-pass and heat sanitisable.

The control system uses colour graphics to display the process schematic and status of the unit and includes the option to log data or even send alarms to remote devices.

As with all DWA units, hygienic design and sustainable features remain throughout.



Contact us



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Heat Sanitisation and Ultrafiltration

Heat disinfection of distribution ring mains to include integrated heat solutions is also catered for.

Combining an ultra-filtration membrane that is claimed to have bacterial and Endotoxin retention of 99.99% or better, continuously eliminates micro-organisms from the distribution circuit.

Frequency control of the distribution pump ensures optimum pressure and flow conditions.

Central Concentrate

Dialysis concentrates can be centrally supplied by the **Cecon Central Concentrate** Supply System. This compact unit can supply up to three different floors of a building if required.

It is simple to operate and eliminates the need for personnel to handle heavy concentrate canisters. In addition it provides significant cost savings on storage and waste disposal.



> Media Supply Panels

We have a wide selection of media and service supply panels to suit every environment, and are designed to meet patient and nursing staff needs.

The media panels centralise the supply lines and fittings for purified water, concentrate(s) and drainage in one place.

Our media panels can be easily integrated into existing wards or designed as part of a new build, to give you even more flexibility in your requirements.

Or optionally you can choose a secondary loop system that guarantees a continuous flow of ultra-pure water right up to the dialysis machine. Coupled with heat sanitisation of the distribution ring main, this option provides total peace of mind.

First Class Project Management and Service

Whether you require a completely new installation or refurbishment/modification of an existing system, we can help you find the most efficient, safe and cost-effective solution.

Our experienced team of engineering consultants and project managers will advise you on the best technology for your needs and project manage every step of the process including design, installation, calibration, commissioning and training, for a successful handover.

AQUAservice

Following installation, we provide unrivalled after sales support with a range of service response contracts. Our AQUAservice contracts offer multi-year agreements and extended warranty options, with 4hr, 8hr, and 24hr response times. We take health and safety very seriously and are an accredited SAFEcontractor partner. All of our Engineers have received CCNSG safety passport training and are fully qualified to work on renal water systems within a medical devices' environment.

Mobile Water Services

We can help you manage all aspects of your water treatment cycle including disaster recovery planning and the supply of temporary purified water; during planned maintenance or emergency call out. Our dedicated Mobile Water Services team provides emergency support 24 hours a day, 7 days a week and will organise for a mobile water treatment system to be with you as a matter of urgency, ensuring continuity of your requirement for treated or purified water.

Training

We can provide comprehensive training and refresher programmes for all your staff, enabling you to feel confident that the whole system will be efficiently and safely maintained.



“Veolia’s engineers are very helpful when you contact them for advice; we really can’t fault them”

Jane Lucy, Interim Senior Renal Services Sister,
Maelor General Hospital, Wrexham

“Veolia’s service engineers are highly trained, very friendly and have excellent product knowledge – first class service”

Simon Adam, Process Engineer,
G J Greenall Ltd, Warrington

“The service Veolia provides is excellent, which is why we have had a seamless relationship with them for well over 20 years”

Lesley Clark, Quality Assurance Manager, Solvay
Solutions, Oldbury

Resourcing the world

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