Ensuring Safe Water for Dialysis

Central Dialysis Water Systems

We provide a comprehensive line of medical-grade dialysis water systems designed to meet your clinic’s needs for production output and monitoring capabilities. We offer basic machines to more advanced systems all of which are compliant with today’s AAMI guidelines and CMS requirements. Additionally, Mar Cor Purification offers a wide variety of dialysis water products and services, in addition to water systems, to ensure that healthcare facilities and their employees have the equipment, products, information, and service they require to produce the highest quality water available.

Typical System Components

• Making value to blend incoming hot and cold water for reliable temperature production
• Booster Pump designed to provide consistent and adequate water pressure to the RO machine
• Sediment, Softener and Carbon Adsorption Filters
• Optional Storage Tank provides continuous loop operation & allows for reduced pretreatment & RO size
• Validated CQ/OQ interchangeable Pyrogenic filtration units designed to remove bacteria and endotoxins

System Features

• FDA/USP: Complete Water Treatment System for Dialysis that meets AAMI requirements
• Throughflow water analysis and system design
• Complete turn-key installation by trained technicians
• Final Re-Audit and Operation Manual
• Specific component, valve, pressure gauges, and label points identification
• 24/7 service through regional centers across North America

Central Dialysis Disinfectable Systems

• Millennium HX 23G RO System - 3,000 to 16,500 GPD
• BioPure HX2 4400M RO System - 4,000 to 12,000 GPD
• Millenium HX, BioPure HX2, PTG-520, ROVER and MicroFree are registered trademarks of Mar Cor Purification Inc., A Cantel Medical Company.

Dialysis Water Systems

Mar Cor Purification supports the dialysis industry with a complete line of dialysis water systems. From small single treatment units to large multi-patient systems, Mar Cor Purification offers the highest quality water available.

Key services offered:

- Service Exchange Deionization
- Equipment Installation
- System Start-Up
- Preventative Maintenance
- Project Management

Service Exchange Deionization

Service deionization is portable deionization (DI) and carbon exchange service that allows our customers to produce the highest quality water for their needs.

Validated carbon to lower on-site maintenance cost

Resins qualified for use in hemodialysis applications

Stringent qualified regeneration processes and traceability procedures ensure SDI performance

Some of the benefits of an Mar Cor SDI system are:

- SDI service provided in a remote location
- Low capital cost
- High purity water system
- Provide temporary qualified water until the next equipment shutdown
- Service can be based on site maintenance cost

Mar Cor Purification Service Center Locations

Mar Cor Purification Service Center Locations

Mar Cor Purification

Visit www.mcpur.com for more information or call 1-800-623-3300

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We offer a comprehensive line of portable dialysis water systems designed to meet your acute and home program needs. These medical-device RO technologies are designed to operate independent of, with full interlocking capabilities. All systems are compliant with today’s AAMI guidelines and OSHA requirements.

### Portable Dialysis Water Systems
- **AutoMCP®** Portable, Battery-Powered Disinfection System
- **WRO 300 H** Dialysis Water System with Automated Heat Disinfection
- **Carbon Block Technology, Carts and Docking Stations**
- **ROP®** Dialysis Water Transport System
- **PFG-50®** Compact Carbon Filtration System for Portable Dialysis Water Systems
- **SMG® 2L Back Ergonomical Docking Station System

#### Filtration, Disinfectants, & Cleaners
- **Critical to the successful operation of a dialysis water system is the purity of the final water. MCP has a complete line of proven products designed to achieve the goals of consistent, compliant water.**
  - **FiberFlo®** Prefilter Fiber Cartridges and Filters
  - **Blockade® Systems**
  - **Cleaners**
  - **Distribution Systems**
  - **Customer Service**
  - **Station Wall Boxes**

#### Distribution Systems
- **Our Acid Delivery Systems use individual bulk storage tanks to safely hold and deliver concentrate liquid.**
  - **Acid Delivery Systems**
  - **Bicarbonate Systems**
  - **Endotoxin Controlling Final Filter Capsules**

### Customer Service, Spare Parts, & Training
- From product support to esential parts, to ongoing education, MCP has the resources to keep your water treatment system and dialysis running smoothly.

#### Technical & Customer Service
- MCP maintains a personally attended customer telephone system providing technical support and fast response for medical device components.

#### Dialysis Water Product Digital Catalog
- MCP offers comprehensive digital catalog that includes critical medical device operators and other medical items. Visit catalog.mcpur.com today to keep up-to-date with new dialysis products and services.

#### Dialysis Water Training
- MCP offers customized on-site training programs for medical water treatment from our own experts. This includes water treatment technology, system operation, maintenance procedures and troubleshooting techniques.

#### Acid Delivery Systems
- MCP Acid Delivery Systems are ideal for individual batch storage tanks to safely hold and deliver concentrate liquid.

### Distribution Systems
- **Our Dialysis Water Systems are custom built to suit your facility’s needs and are available in liquid form.**

### Customer Service
- **You Care For Your Patients**
  - People underdialyzing hemodialysis require a high level of patient care. The incoming water, the distribution piping that carries the purified water, and a reliable backup system all must be designed and maintained so as to meet the stringent demands of the AAMI water standards. This is why it is important to deal with a water company that under-

### Trust Us With the Water
- **Mar Cor Purification has been meeting the demand of providing water for dialysis for over 40 years.**
  - We are able to offer hemodialysis providers a complete array of systems, products, and services. All of our systems meet EPA requirements and federal standards. No matter what your source water is, we can provide a safe, reliable system that is custom designed to produce water pure enough for hemodialysis.

### More Than Just Central Water Systems
- **Mar Cor Purification offers a wide variety of medical water products and services, in addition to water systems,** to ensure that hemodialysis clinics and their employees have the equipment, products, information, and service to effectively provide their patients with the highest quality water available.

#### Products & Services:
- **Portable RO Systems**
- **Training**
- **Disinfectants**
- **Spares Parts**
- **Filtration**
- **Blockade® Systems**
- **Cleaners**
- **Distribution Systems**
- **Customer Service**
- **Station Wall Boxes**

#### Bicarbonate Systems
- **Minncare HD** is the first FDA 510(k) cleared disinfectant that is intended for the disinfection of water used in medical device components.

### Distribution Systems
- **The distribution system is an integral part of a dialysis facility. Special attention must be given to both design and materials.**
  - We are leading the way in providing materials that provide smoother surfaces and connections thus reducing bacteria formation.

#### Acid Delivery Systems
- **We offer expertly installed water and concentrate piping along with dialysis units using high quality materials.**
  - **Minncare*®** and Zerodeadleg (ZDL) connection on MicroFree & CleanPEX

### Products & Services:
- **Portable RO Systems**
- **Training**
- **Disinfectants**
- **Spares Parts**
- **Filtration**
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Ensuring Safe Water for Dialysis

Central Dialysis Water Systems

Mar Cor Purification Support Services

Mar Cor Purification is one of the largest and most experienced water purification companies in North America. We have been servicing water treatment equipment for over 40 years and have an experienced nationwide team of technicians qualified to work on your water systems. Key services offered include:

Service Exchange Deionization
Equipment Installation
Maintenance & Repair
Training Services

Service Exchange Deionization

Service deionization is portable deionization (DI) and carbon exchange service that allows our customers to provide a quality water system in non-traditional areas. With the full line of resins designed specifically for the deionization applications, and has regeneration plants in 7 locations in the US and Canada to provide timely and economical DI services.

Some of the benefits of an Mar Cor SDI system are:

- Remote quarlifier for remote, non-traditional applications
- Low capital cost, high purity water system
- Provide temporary, qualified water in the event of equipment shutdown
- Service contracts based on site maintenance cost
- Efficient regeneration processes and traceability procedures ensure ROI performance

Typical System Components

- Making value to blend incoming hot and cold water for reliable temperature production
- Booster Pump designed to provide consistent and adequate water pressure to the RO machine
- Sediment, Sulfate and Carbon Adsorption Filters
- Optional Storage Tank provides continuous loop operation & allows for reduced pressure & RO size
- Validated SDI exchangeable Purgeyn filtration units designed to remove bacteria and endotoxins

System Features

- FDA 510(k): Complete Water Treatment System for Dialysis that meets ABHI requirements
- Throughput water analysis and system design
- Complete turn-key installation by trained technicians
- Final Re-Check drawing and Operation Manual
- Specific components, valves, pressure gauges, and test ports identified
- 24/7 Service through regional centers across North America

Mar Cor Purification Service Center Locations

Mar Cor Purification Dialysis Water Products

Visit www.mcpur.com for more information or call 1-800-633-3080.

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We Know Dialysis Water Systems

We offer a comprehensive line of portable dialysis water systems designed to meet your acute and tonsil program needs. These ready-to-use RO modules are designed to provide reliable production with full monitoring capabilities. All systems are compliant with today’s AAMI guidelines and ONS requirements.

Portable Dialysis Water Systems

- **Minncare HD-100M Dialysis Water System with Automated Heat Disinfection**
- **MINN 900 Dialysis Water System with Automated Heat Disinfection**
- **FiberFlo® Carbon Block Technology, Carts and Docking Stations**
- **BOSMR® Dialysis Water Transport System**
- **PFG-510® Compact Carbon Filtration System for Portable Dialysis Water Systems**
- **CHD 200 Biorg Engineering Diallo System**

Filtration, Disinfectants, & Cleaners

Critical to the successful operation of a dialysis water system is the purity of the final water. MCP has a complete line of proven products designed to achieve the goal of consistent, clean water.

- **FiberFlo® MicroFilter Cartridges**
- **Bicarbonate Systems**
- **Minncare® HD Disinfectant, Minncare® Cold Sterilant and Test Strips**
- **Minncare® AC & BFP**

Our acid delivery systems use individual bulk storage tanks to safely hold and deliver concentrate liquid.

- **Acid Delivery Systems**
- **Bicarb Mix & Delivery Systems**
- **Our Acid Delivery Systems are designed to be stored safely, to hold and deliver concentration liquid**

Distribution Systems

The distribution system is an integral part of a dialysis facility. Special attention must be given to both design and materials. We are leading the way in providing materials that provide superior surfaces and connections in reducing bacteria formation.

- **MicroFree® Water Distribution Loops**
- **Our expertly installed water and concentrate piping allows dialysis loops using high quality materials.**
- **Minncare® MicroFree® Piping Systems**
- **Comprehensive Water Management Standards**
- **Station Wall Boxes**
- **Our Station Wall boxes are designed for your individual clinic needs.**
- **Custom ordered prefiltered loops**
- **Various combinations for water, scale, and including anti-pore feeds**
- **Microdepartments (MDR) connections on MicroFree® MicroFree® Piping Systems**

Customer Service, Spare Parts, & Training

From product support to essential parts, to ongoing education, MCP has the resources to keep your water treatment system and dialyzer running smoothly.

- **Technical & Customer Service**
- **MCP maintains a specially trained customer relationship providing technical support and fast response time for medical device companies**

Dialysis Water Product Digital Catalog

MCP offers comprehensive digital catalog workshops as virtual medical device open days and other relevant workshops. Visit catalog.mcpur.com today to keep up-to-date with new dialysis products and services.

Dialysis Water Training

MCP offers comprehensive training programs for medical water treatment from our experts. This includes water treatment technology, system operation, maintenance procedures and troubleshooting tools.

- **Training Services**
- **6 & 8 day comprehensive water based training systems program for medical systems**
- **Online Training**

Bicarbonate Systems

- **Minncare HD-100M Dialysis Water Systems**
- **Minncare HD-100M Dialysis Water Systems**
- **Minncare HD-100M Dialysis Water Systems**

Products & Services:

- **Station Wall Boxes**
- **Customer Service**
- **Spare Parts, & Training**
- **Our Bicarbonate Mix & Delivery Systems are currently FDA approved and designed for single application.**
- **Dual Mix Systems**
- **Single Mix Units**
- **High Quality Materials**

You Care For Your Patients

Mar Cor Purification recognizes the challenges of properly preparing and transporting solutions to your patients. So we have several 510(k) mix and delivery systems that offer both quality and ease of use.

Trust Us With the Water

Mar Cor Purification has been meeting the demand for providing water for dialysis for over 40 years. We are able to offer hemodialysis providers a complete array of systems, equipment, products, and services. All of our systems meet FDA requirements and are scalable. No matter what your source water is, we provide a safe, reliable system that is custom designed to produce water pure enough for hemodialysis patients.

More Than Just Central Water Systems

Mar Cor Purification offers a wide variety of medical water products and services, in addition to water systems, to ensure that hemodialysis clinics and their employees have the equipment, products, information, and service to effectively provide their patients with the highest quality water available.
Mar Cor Purification offers a comprehensive line of dialysis water systems designed to meet your acute and home program needs. These medical-grade RO machines are designed to provide reliable performance with full monitoring capabilities. All systems are compliant with today’s AAMI guidelines and OSHA requirements.

- FDA 510(k) Water Purification Devices for Hemodialysis
- ROVER® Dialysis Water Transport System and Docking Stations
- Integrated Carbon Block Technology and Activated Carbon Tanks
- Endotoxin Controlling Final Filter Capsules

Products & Services:
- Portable RO Systems
- Training
- Disinfectants
- Spare Parts
- Filtration
- Bicarbonate Systems
- Cleaners
- Distribution Systems
- Customer Service
- Station Wall Boxes

Filtration, Disinfectants, & Cleaners

Critical to the successful operation of a dialysis water system is the purity of the final water. MCP has a complete line of proven products designed to achieve the goal of consistent, compliant water.

Fiberglass® Prefilter Cartridges and Capsules

We recommend all new systems be pretreated with a Fiberglass® II Prefilter Cartridge. This reduces iron, manganese, and other impurities. All systems receive RO rejection of 99.995% or greater.

Minncare® HD Disinfectant, Minncare® Cold Sterilant and Test Strips

Minncare® HD disinfectant is an EPA registered dialyzer disinfectant, specifically designed for disinfection of water purification systems for hemodialysis.

Minncare® AG & MP

Minncare® AG & MP are inorganic ion exchange resins, which are safe and effective in the removal of TOC and organic bacteria.

We offer a comprehensive dialysis water training program. MCP offers on-site and off-site training programs for water treatment professionals as well as end users.

- Training Seminars - 4 & 6 day comprehensive dialysis water treatment systems training program for medical systems
- Online Training - MCP’s Internet Water Solutions offers self-paced courses concerned with water training and resource information about water for medical systems and provides US dialyze credit hours.

Distribution Systems

MCP offers a comprehensive line of portable dialysis systems designed to meet the needs of the acute and home dialysis market. Our systems include patient units, infection control systems, and waste water treatment systems.

- Essential Docking Station System
- Dialysis Water Training
- Dialysis Water Product Digital Catalog
- Customer Service, Spare Parts, & Training

Mar Cor Purification recognizes the challenges of properly preparing and transporting solutions to your patients. So we've broadened our line of dialysis and delivery systems that offer both quality and ease of use.

- Small Dialyzer Systems
- Single Mix Units
- Preassembled for Specialty Design

Acid Delivery Systems

Our Acid Delivery Systems are installed batch storage tanks to safely hold and deliver concentrated acid.

- Vari-Store
- Localized Remote pH Capability
- Preassembled for Specialty Design
Typical System Components
- Making value to blend incoming hot and cold water for reliable operation.
- Booster Pump designed to provide consistent and adequate water pressure to the RO machine.
- Sediment, Softener and Carbon Adsorption Filters for purification and testing.
- Optional Storage Tank provides continuous loop operation & ensures consistent water flow.
- Mixing Valve to blend incoming hot and cold water for reliable disinfection.
- Self contained design, hot water loop disinfection.
- BioPure HX2 MicroFree MicroPure are registered trademarks of Mar Cor Purification Inc., A Cantel Medical Company.

System Features
- Designated for use in hemodialysis applications
- Resins qualified for use in hemodialysis applications
- Low capital cost, high purity water system
- Capable of producing the highest quality water available
- Some of the benefits of Mar Cor SDI system are:
  - Service deionization is a portable deionization (DI) and carbon exchange service that allows our customers to produce clean water in their home or industry.
  - Mar Cor Purification is a leader in dialysis water products and services, in addition to water systems, to ensure that hemodialysis clinics and their employees have the equipment, products, and service to effectively provide their patients with the highest quality water available.

Central Dialysis Water Systems
- CWP 100 (Dialysis Water System with Automated RO/Low Heat Distillation) for Dialysis Water Systems
- 4400M (RO System - 4,000 to 24,000 GPD) for Dialysis Water Systems
- 4400H (RO System - 4,000 to 12,000 GPD) for Dialysis Water Systems
- 23G (RO System - 3,000 to 16,500 GPD) for Dialysis Water Systems
- CWP 100 (5000 to 13,000 GPD) for Dialysis Water Systems
- BioPur e HX2 Millenium HX, BioPure HX2, PTG-520, ROVER and MicroFree are registered trademarks of Mar Cor Purification Inc., A Cantel Medical Company.

Central Disinfectable Dialysis Systems
- BioPure HX2 Central Disinfectable Dialysis System
- CWP 100 Central Disinfectable Dialysis System
- CWP 100 Central Disinfectable Dialysis System
- 4400H RO System Central Disinfectable Dialysis System

Support Services
- Mar Cor Purification is one of the largest and most experienced water purification companies in North America. We have been servicing water treatment equipment for over 40 years and have an experienced nationwide team of technicians qualified to work on your water systems. Key services offered include:
  - Service Exchange Deionization
  - Equipment Installation
  - Maintenance & Repair
  - Training Services

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