

# Mar Cor Purification Life Science Products



**MAR COR<sup>®</sup>**  
**PURIFICATION**  
A Cantel Medical Company

# Mar Cor Purification Life Science Products

Mar Cor Purification is a leading provider of complete water treatment systems and services for the Life Science market. For over 35 years and over 1000 installations, we have been providing high-purity water solutions to companies in the pharmaceutical, cosmetics, medical device, food & beverage and dialysis markets. We accomplished this with our Biolab line of products, while providing proven filtration and disinfection technologies through our FiberFlo® Filters and Minncare® Cold Sterilant brands. Mar Cor Purification has one of the largest water treatment related technical and field support networks to support our installed systems with 20 locations across the U.S. and Canada.

## Markets Served by Mar Cor Purification Life Science Products



## Mar Cor Purification Treatment Solutions

- Media Filtration
- Water Softeners
- Carbon Filters
- Reverse Osmosis (RO)
- Electrodeionization (EDI)
- Service Deionization (SDI)
- Ultrafiltration
- Ultraviolet Purifiers
- Depth/Pleated Filtration
- Ozone Disinfection Systems
- Cleaners & Sterilants
- PLC/HMI Control Systems

## The Mar Cor Purification Advantage

- Single-source provider of installed water purification systems
- State of the art manufacturing plant
- ISO 9001 and/or ISO 13485 certified
- Medical device licenses and 510(k) equivalencies
- Service centers in key market locations providing 24/7 support



Mar Cor 8400 RO System



Mar Cor USPure  
USP Water System

## Pharmaceutical & Medical Water Systems

Mar Cor Purification provides a line of equipment to meet all of your USP Purified Water (PW) and Water For Injection (WFI) requirements. We specialize in standard (like the USPure system shown) and custom engineered turn-key systems that meet USP regulations and will provide supporting validation documentation. We are up-to-date with current GMP manufacturing practices and can provide stainless steel mill test reports, boroscoping, NIST traceable instrument calibration certificates and on site calibration verification.



Mar Cor  
RO/EDI System

## Cosmetics Water Systems

Water systems for cosmetics manufacturing are becoming more aligned with the requirements for USP Purified Water. Validation of the water system is necessary in order to comply with FDA regulations governing the cosmetic industry. Purified Water is a main ingredient of many cosmetic products so it make sense to ensure your water is reliable & compliant. Mar Cor Purification utilizes its extensive experience to design systems that control bacteria and meet demanding performance and cost goals for the cosmetics industry. We can provide a simple Service Deionization system all the way up to a Hot Water Sanitizable RO & EDI system.



Mar Cor 4400  
RO System

## Lab & Research Water Systems

Over the years, Mar Cor Purification has installed hundreds of lab grade water systems including centrally distributed systems, as well as, point of use polishing equipment. We understand the importance of providing reliable, cost effective solutions that provide high purity water for glassware washers, autoclaves, cage washers, and point of use polishing units. Our most popular unit for central systems are the compact 4400 & RODI units. For individual Labs that require additional purification, we provide point of use polishing systems delivering ASTM Type 1 lab water.



Custom Double  
Pass Mar Cor 8400 RO System

## Beverage Purified Water Systems

Mar Cor Purification is a leading provider of beverage water treatment systems and services. Each market has a unique set of requirements, like high volume or economical performance. Mar Cor Purification can help these companies maintain profits by meeting water production requirements, as well as, controlling capital and operating expenses. Mar Cor Purification accomplishes this by evaluating the needs of each application and providing a system from a toolbox of standard products. Whether you are the end user or an engineering firm, we'll help develop the project specifications and select the appropriate equipment for your application.



Mar Cor  
Customized 8400 RO System

## Semiconductor Water Systems

The electronics industry has some of the most demanding water quality specifications in the industrial water market. These systems also have to be reliable and require minimal maintenance. With the growing concern for water conservation and waste minimization, Mar Cor Purification designs ultrapure water systems that also reduce water consumption and wastewater production through high water recovery, re-use technologies, and energy reduction features. These designs use the latest materials and technologies to achieve the highest water quality possible and are manufactured in a ISO and GMP environment for assurance of quality.

# 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 35 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 a portable deionization (DI) and carbon exchange service that allows our customers to produce high purity water in an economical manner. A SDI system could be used to polish RO product water or a skid mounted system for polishing water in a distribution loop. A typical SDI system includes carbon tanks and ion exchange resin tanks which are individually designed and configured to meet your requirements for water quantity, quality and financial goals. Mar Cor Purification has regeneration plants in 6 locations in the US and Canada to provide timely and economical SDI services.



- **MixedBed SDI**
- **Anion SDI**
- **Cation SDI**
- **Carbon SDI**

Some of the benefits of an SDI system are:

- Low capital cost, high purity water system
- Provide temporary purified water in the event of equipment shutdown
- Service carbon to lower on site maintenance cost
- Stringent qualified regeneration processes and traceability procedures ensures SDI performance
- Water quality monitors and divert mechanisms to meet any water quality standards

## Equipment Installation

- System Start-Up
- In-Depth Operator Training
- Storage & Distribution Piping Systems

## Maintenance & Repair

- Diagnostics and Repair Services
- System Performance Audits
- Preventative Maintenance

## Engineering Services

- Validation Documentation
- Engineering Documentation
- Project Management

## Service Centers Across the U.S. and Canada



- Atlanta
- Dallas
- Nashville
- Raleigh
- Birmingham
- Detroit
- New York
- San Francisco
- Boston
- Los Angeles
- Orlando
- Seattle
- Cleveland
- Minneapolis
- Philadelphia
- Toronto
- Chicago
- Montreal
- Pittsburgh
- Washington

## Additional Mar Cor Purification Business Segments

**Mar Cor Purification  
Medical Water Solutions**

**Mar Cor Purification  
BioScience Products**



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