



# Quality Products for Quality Water Worldwide Since 1973

Marlo Incorporated is committed to offering our customers an extensive line of equipment to solve water treatment problems in the most efficient and cost effective manner possible. We utilize a wide array of the most current technologies for residential, commercial, institutional, and industrial applications.

You will find Marlo equipment operating around the world, treating and purifying water to enhance the quality of life or to improve a process. Marlo's success is inspired by our experienced people, prompt service, and quality products. All of these attributes assure the ultimate in **Customer Satisfaction**.

## MARLO PERSONNEL & SERVICES



We treat our customers like family. Our friendly and responsive sales and customer service staff will "go the extra mile" in fulfilling your requests. Whether it's for a fast price quotation, expediting an order, or just to discuss an application.



Marlo personnel regularly attend training sessions, trade shows, and conferences to stay on the cutting edge of the latest technologies and applications of the water treatment industry.



Our highly trained technical support personnel are available to provide you with sound troubleshooting assistance, documentation, and spare parts for equipment maintenance, repair, and retrofit situations.



Send us a sample of your source water and our laboratory will test your water and recommend the proper equipment or custom design a complete water treatment system.



We offer a comprehensive portfolio of professionally prepared product brochures, specifications, drawings, and other technical data in both print and electronic formats to better assist you with evaluating and presenting your water treatment project.



Our staff of technical service personnel offer decades of water treatment experience for on-site evaluation and system start-up assistance.

## MARLO PRODUCTS & EQUIPMENT



Marlo designs and manufactures a breadth of products ranging from standard catalog type equipment to custom engineered systems tailored to comply with specific customer requirements. Our equipment can be found in a wide variety of businesses and industries including:

- Chemical Processing
- Food & Beverage Production
- Boiler & Cooling Tower Feed
- Commercial Laundries
- Municipalities
- Plating & Finishing
- Hospitals / Clinics
- Hotels / Resorts
- Schools / Universities
- Research Laboratories
- Correctional Facilities
- Households / Apartments

### WATER SOFTENING

Marlo Water Softeners are fabricated using field-tested designs with a proven record of reliability. Removal of calcium and magnesium compounds in water (limestone hardness) eliminates scaling in piping, process equipment, and heat exchange systems as well as greatly improving the effectiveness of cleaning and rinsing processes.

#### Product Scope / Features

- Flow rates between 1-1200 GPM per vessel
- FRP or steel vessel systems
- Non-code or ASME stamped vessels
- Timer or water meter based regeneration
- Multi-port valve or valve nest systems
- Skid mounted system options
- Salt recycling system options
- Hot water systems including condensate polishers



## MEDIA FILTRATION

Marlo Water Filters incorporate the latest in filter media technology to effectively handle numerous water treatment applications such as turbidity removal, taste & odor reduction, dechlorination, iron/manganese removal, and pH neutralization. Our filter systems are used frequently for reverse osmosis pre-treatment, side-stream filtration for cooling towers, process equipment protection, and drinking water improvement.

### Product Scope / Features

- Flow rates between 1-800 GPM per vessel
- FRP or steel vessel systems
- Non-code or ASME stamped vessels
- Timer or pressure drop based backwash
- Multi-port valve or valve nest systems
- Skid mounted system options
- Multi-media, activated carbon, manganese greensand and neutralization media systems.

## REVERSE OSMOSIS

Marlo Commercial & Industrial Reverse Osmosis Systems are engineered to economically produce high purity water by the removal of dissolved minerals, bacteria, particles, and organic impurities. Each RO machine is constructed using the highest quality components and materials for reliable operation and exceptional performance.

### Product Scope / Features

- Flow rates from 200 GPD to 200 GPM per unit
- 2.5", 4.0", and 8.0" membrane element sizes
- FRP membrane element housings
- All stainless steel feed pump systems
- Membrane clean-in-place system options
- Two-pass & two-stage type system options
- Alternative membrane types including ultra filtration (UF) and nanofiltration (NF)

## DEALKALIZATION

Marlo Dealkalizers remove alkalinity on the order of 90-95% by exchanging with chloride while also reducing sulfate and nitrate levels. Lower alkalinity levels will reduce boiler blowdown rates leading to reduced chemical consumption and fuel costs. It will also eliminate the formation carbon dioxide (CO<sub>2</sub>) in the boiler which can lead to corrosion in steam and condensate lines.

### Product Scope / Features

- Flow rates between 1-500 GPM per vessel
- FRP or steel vessel systems
- Non-code or ASME stamped vessels
- All stainless steel feed pump systems
- Multi-port valve nest systems
- Skid mounted system options
- Caustic injection systems
- Weak acid and split-stream types available

## DEIONIZATION

Marlo Deionization Systems are designed to produce ultrapure water for the more sensitive and critical applications. Each system utilizes both cation and anion polymeric ion exchange resins in either distinct vessels (Separate-Bed) or in a common vessel (Mixed-Bed). Both types of systems require acid (hydrochloric) and caustic soda (sodium hydroxide) for the automatic resin regeneration process. Systems may require turbidity, iron, or chlorine removal as pre-treatment steps depending on the water supply.

### Product Scope / Features

- Flow rates between 1-500 GPM
- FRP or steel vessel systems
- Non-code or ASME stamped vessels
- Conductivity or water meter based regeneration
- PLC controlled systems as standard
- Skid mounted systems as standard
- Decarbonator system option
- Sulfuric acid based regeneration option

## A FULL LINE OF RESIDENTIAL PRODUCTS

Marlo Incorporated brings a wide range of water treatment equipment for residential use with our line of softeners, filters, and reverse osmosis units. Whatever your water problems may be, Marlo can supply you with a specialized solution that will provide the best quality water possible. Call our offices and request a water testing packet and send us a sample of your tap water. Marlo will test your water and develop a water solution plan for you. . . free of charge.