

wa'ter (wôtêr), *n.* Pure ordinary water (H_2O) consists of hydrogen (11.188 per cent by weight) and oxygen (88.812 per cent). It has a slightly blue color and is very slightly compressible. At its maximum density, 39.2° F. or 4° C., it is the standard for specific gravities, one cubic centimeter weighing one gram. It is also the standard for specific heats. It freezes at 32° F. or 0° C. and boils at 212° F. or 100° C.



AWS

All Water Systems Inc.

WATER TECHNOLOGIES

Water Treatment Systems

All Water Systems, Inc. (AWS) offers a complete line of water treatment systems and components. Our experienced team utilizes a comprehensive approach to building a system for your specific application.

Custom Solutions

- Automatic filters and strainers
- Water softeners
- Reverse osmosis systems
- Deionization systems
- Exchange service deionizers
- High purity water systems
- Ultraviolet & ozone disinfection
- Automatic pump and control equipment
- PLC based control panels



Experience and Exceptional Value

Excessive levels of turbidity, iron, chlorine, bacteria, organic matter, suspended solids, or hard water; whatever the site considerations, AWS has the expertise to offer effective solutions with exceptional value.

Whether you are considering a custom, state-of-the-art turnkey system or just want to extend the life of your present equipment, we can help. AWS personnel have over 150 years of combined water treatment experience and a reputation for performance excellence.

AWS can provide stand alone units or all the components for a fully integrated water treatment system. Optional equipment and accessories are available.

Industrial and Commercial Applications

AWS, a leading water technology company, provides specialized system expertise for industrial and commercial water treatment applications.

Single Source Supplier

Providing a complete range of related products and services, including:

- Equipment supply, installation, and start-up
- Expert field service for most manufacturers' equipment
- Planned maintenance programs
- Consulting and evaluation
- System design and assistance
- Reverse osmosis membrane cleaning
- Deionizer exchange service



Innovative System Integration

Utilizing proven technologies, AWS provides practical, innovative solutions designed to meet even the most demanding water treatment requirements.

Our water purification systems are available in a complete range of sizes, from lab bench to process industrial. This includes skid-mounted systems, turnkey projects, and pilot equipment. Purchase, rental, and lease plans are available.

Whenever practical, we can utilize existing components to retrofit, upgrade, expand, or duplicate your system to achieve the necessary water quality and quantity specifications.



**EQUIPMENT SUPPLY & INSTALLATION • TURNKEY SYSTEMS •
UPGRADES & RETROFITS • SPECIALIZED TECHNICAL SUPPORT •
MAINTENANCE & REPAIR • PORTABLE RENTAL SYSTEMS •
CUSTOM SYSTEMS • ENGINEERING DESIGN ASSISTANCE**

AWS understands your system and application. We develop service and maintenance programs specifically tailored to meet your needs.

Deionizer Exchange Service

With our three state-of-the-art regeneration plants, deionizer exchange service from AWS offers numerous benefits. Quality control checks are incorporated at every stage of the automated regeneration process. High quality regeneration assures longer service life, fewer exchanges, and greater cost savings.

- Quick response for tank exchanges
- In-house resin processing
- Only the highest quality resins used
- Repeatable performance
- Permanent, temporary, and emergency applications



RO Membrane Restoration

Optimize the performance and lifespan of your reverse osmosis membranes:

- Rapid turnaround time
- Proprietary cleaning chemicals
- Single element housings to optimize cleaning
- Normalization reports
- Pre-test and post-test analysis

Cleaning improves the permeate flow rate and differential pressure. It can restore the performance of your membranes to near factory specifications. Our process increases membrane life and reduces the frequency of expensive membrane replacement.

