





WHO ARE WE?

We are Arab Engineers Water Technology (AEWT), a leading provider and supplier of high-quality water treatment systems and technologies, we provide top-notch water treatment solutions ranging from basic water filters, softeners and reverse osmosis equipment to customer specified complex water treatment plants.

The founder of Arab Engineers Water Technology has been in Jordan market since 1990, bringing to the market leading water treatment solutions as well as elite services and with the aid of AEWT team, Arab Engineers are now providing its services to a large number of completely fulfilled clients.

After a long journey of passionate days and successful stories, AEWT took its place among the leaders in the market, and now considered one of the most reliable service providers in the country. In addition, AEWT is an official distributor for a number of the most prestigious brands in water treatment equipment and technologies.

We deliver you the best that the market offers, cutting edge water treatment technologies accompanied with over 25 years of experience in the industry, to ensure the success of your projects.



Arab Engineers Water Technology is based in Jordan, Amman. The AEWT headquarter is locate in Wasfi Al Tal Street, Khalda. It includes General Administration, Marketing Department, Sales Department, R&D Department, Finance Department, Customer Service and Showroom.

& AEWT factory is located in Marka, with a total area of (2400 m2), and a total of five divisions each responsible on one of our processes including Engineering Department, Manufacturing Department, Project Management, Technical Support And Customer Service.











5. AFTER SALES & MAINTENANCE

Arab Engineers for Water Technology provides manuals with all its deployed systems. Even though, our technical staff is still available to answer any question that may encounter the customer.

AEWT engineers & technicians have over 25 years of experience, for that they are qualified to determine the best solutions for any system under supervision of AEWT Technical Manager.

Assembling units on special stainless steel or epoxy coated skids is one of our main specializations, such as RO units and skid mounted water treatment stations.

4. SPARE PARTS

In order to keep units functioning at best, AEWT offers economic and efficient solution for that, we provide large selection of spare parts for all units and systems which enable delivering a high-quality service, giving warranty and providing you with pure drinking water to the maximum limit

Over the past years, we have accumulated extensive experience in fabricating vessels for custom designs.

Assembling units on special stainless steel or epoxy coated skids is one of our main specializations, such as RO units and skid mounted water treatment stations.



OUR BUSINESS PROCESS

Implementation

- System construction
- System testing
- QA / QC

Design & Engineering

- System design
- Site planning
- Execution Planning

Deployment

- System launching
- Customer training
- System handover





(©)

Operations & Maintenance

- Inspection & testing
- System monitoring
- Preventive maintenance
- Corrective maintenance



Planning:

- Study the source water
- Determine required output
- Site survey
- Project estimatio

WHO WE SERVE



Chemical, Plastic, Textile Fertilizers....Industries



Pharmaceutical and Cosmetics Industries



Hospitals and Labs



Hotels and Restaur ants



Agricultural and Poultry field



Drinking water Treatment Factories and Stations



Water Wells treatment units



Food and Beverage Industries



Household uses



Contractors



WHY US?



The best engineering team in the field of water treatment technologies



Fast, reliable and efficient project execution



Competitive rates and great maintenance plans



High quality products



Superior technical support services



WHY US?

We provide safe and reliable systems for converting brackish water into pure, fresh water fit for human consumption and industrial use. We design, assemble, install and commission Reverse Osmosis desalination systems and all pretreatment units that are tested, reliable and user-friendly even in the toughest conditions. Our technically advanced systems are designed to match the required application, thus providing the most economical and efficient solution in the market.

We have professionally installed large number of units and projects over our years of experience which are still performing efficiently.

Our Components & Parts





AEWT provides large selection of all parts and components for water treatment systems, reverse osmosis, filtration and disinfection units

Our prices are very competitive in the market in addition to our fast shipping & delivery due to large stock availability



Pentair water company with its below products:

1. Structural Pressure Vessels

AEWT provides large scale of Structural pressure vessels made from different materials such as:

- Poly-glass pressure vessels which are an ideal choice for residential and light commercial water softener/filtration applications.
- Composite pressure vessels are non-corrosive, cost-effective solution for commercial/industrial water treatment and storage.



2. Fleck Control Head

AEWT provides Fleck Control Valves which is one of Pentair Family, this high-performance valve covers a wide range of application.

Whether the application is softening or filtration, residential or industrial, hot or cold water, Fleck has a proven record of performance and reliability

Below is our available range of products valves, accessories:



3. SIATA valves

SIATA offers a broad range of multiport composite valves with service flow rates up to 35 m³/h and a complementary line of advanced professional controllers and accessories.



The high quality Codeline pressure vessels are used for reverse osmosis and ultrafiltration processes. They are built to maximize the performance of water treatment and purification systems.

The vessels are used in industrial, commercial and municipal water treatment applications across the world. Codeline's extensive pressure vessel portfolio guarantees the right specification for each application.





George Fischer

Georg Fischer focuses on three core businesses: GF Piping Systems, GF Automotive and GF Machining Solutions.

GF Piping Systems is a leading supplier of plastic piping systems with global market presence. They offer pipes, fittings, valves, automation products, jointing technology and corresponding services for the treatment of water and chemicals, as well as for the safe distribution of liquids and gases.

Measurement control and actuation.

Measurement encompasses a wide range of measurement technologies and parameters. Most of these products are available in plastic and are offered with dedicated fittings, which integrate our sensors perfectly into your piping system. Control comprises various control functionalities (from simple relays to PID controllers) and all major communication technologies. Actuation includes pneumatic, electric and magnetic actuators, which can be seamlessly combined with all kinds of valves and accessories.

Georg Fischer Products:



3. Valves and Actuation

Georg Fischer Products:

4. Measurement and ControlSmart simplicity



5. Welding Machines

+GF+

Origin: GF is Swiss company – some of its products are from USA origin

Ion Exchange

Ion Exchange Company is a pioneer of water treatment in India, they are manufacturer of world class ion exchange resins for water and non-water specialty applications, membranes, water treatment chemicals and specialty process chemicals, in ISO ,9001 14001 and OHSAS 18001 certified facilities





Ion Exchange Products:

1.Resin

2.Chemicals

3.Membranes









E-Tech Water Pumps

Franklin Electric offers high-quality pumping systems for submersible well and surface applications. Franklin Electric's multistage centrifugal pump offering includes horizontal and vertical configurations. These units are available in various metallurgies (cast iron, 304 stainless steel and 316 stainless steel) to satisfy your specific application requirements. Units are now available up through 45 kW

LG Chem R.O Membranes

LG Chem develops and manufactures reverse osmosis (RO) membranes that are widely used in various applications ranging from seawater desalination to waste water reuse.

Origin: Korea







Filtration Media



Watch® Water with its headquarter in Germany, is one of the fastest growing Companies in manufacturing Scale Prevention, Adsorbers, Filter Media, and INSTANT Dosing Solutions for water and waste water treatment industries









Ozone Generator











Rotary Vane Pumps

REVERSE OSMOSIS UNITS HOUSEHOLD AND COMMERCIAL







Atlantic Ultraviolet





Actuators



VARIOUS COMPONENTS









Our Systems

Arab Engineers Water Technology offers a large selection of different types of water treatment systems to meet all client's needs, based on the raw water quality, water capacity and all related conditions.

1. Filtration Units

Arab Engineers Water Technology, provides economical & professional effective solutions for water filtration systems in commercial and industrial sectors, by using FRP Pentair brand tanks or our manufactured Steel epoxy coated tanks. Our systems are designed to clarify water by removing sediment, turbidity, iron, unpleasant tastes and odors, suspended particles, & unwanted color, all of which are commonly found in surface and well water. With the use of the correct pressure tanks, valves & accurate filter media type options, Arab Engineers water filters can suit most any water filtration requirements.





2. Industrial & Commercial Ion-Exchange system

Arab Engineers Water Technology, provides a full range of ion exchange systems using cation and/or anion exchange resins for a wide variety of water treatment applications.

All AEWT ion exchange systems include the latest resin technology using the highest quality resins supplied by well-known manufacturers.

AEWT designs both standard and specially engineered ion exchange equipment for wide range of applications including softening, deionization (separate or mixed bed) & nitrate removal

Ion Exchange Media: Below are all available Ion-exchange media that can be filled inside tank







3. Industrial & Commercial Reverse Osmosis Units

The R.O -4040 & R.O-8040 reverse osmosis systems are designed and assembled at our factory with high quality engineered and efficient reliable operation.

The RO system provides desalinated water 24 hours a day, all units are fully automatic and easy to maintain with low cost.

This equipment is mainly customized to suit individual customer and water application needs

R.O-8040

AEWT offers full preinstalled R.O systems for brackish water uses with high flow rates for Industrial purposes. Our R.O -8040 units, comes standard with pre-cartridge filter, chemical dosing pumps and assembled on a single skid. These systems can be customized to fit individual customer & water application needs. The RO-8040 series has a capacity of 6100- m3/h.



R.O -4040

AEWT commercial reverse osmosis systems "R0-4040 series" is an energy-saving commercial R0 unit, designed perfect for tap, brackish and drinking water treatment applications. Our small commercial reverse osmosis equipment is capable to produce 8120- m3/day. With inlet max. TDS: 5000 ppm.

These commercial RO systems produce high-quality water at a very low cost.



OUR SOLUTIONS

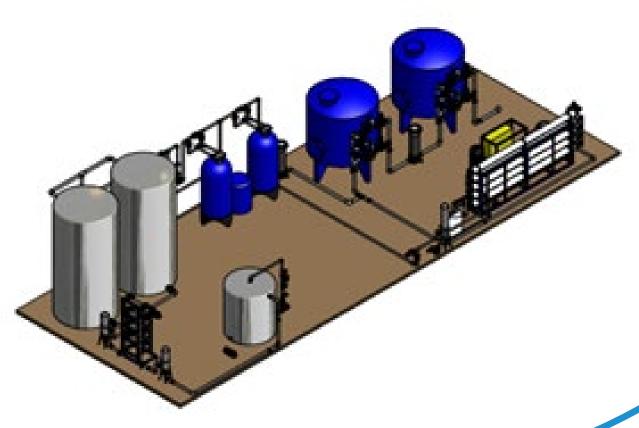
For more than 20 years, AEWT has provided all water purification solutions & services to a wide range of industries, one thing that hasn't changed is our commitment to providing our customers with high quality, water purificatio equipment along with timely, efficient service.

For each industry there is a specific procedure to achieve the water quality required.

We design the units according to the unique requirements specifications of every individual client.

We have a complete range of water treatment solution for the production of process water needed for the manufacture of products.

We are using advanced software system in order to draw the plant before execution.







1- Water treatment Station

Capacity: 15 - 50 m3/day

Arab Engineers Water technology, introduces & provides a direct selling on-site water treatment stations for 5 Gallons & cup filling drinking water, that treats water from existing water resources & converts it into drinking water to meet standards for Jordanian water authority. The water source can be from any of the following: Groundwater, Surface water and Public supply system water

2- Customized Water treatment plant

Capacity: 1-100 m3/h

Large scale desalination water treatment plants are commissioned to serve larger scales, drinking water filling factories or industrial applications using raw water from the brackish water or well water. Our desalination systems apply reverse osmosis (RO) process to desalt water. Desired product water parameters can be set using control & monitoring equipment fitted in each plant.

Large scale plants are supplied with all pretreatment & post stages which includes multimedia filtration, chemical dosing & the disinfection units.



3- Mobile systems:

3.1 Skid mounted units: with a capacity of 15 - 50 m3/day

The system is assembled on a single skid, making it convenient for transportation & repositioning without difficulty of integrating components individually at site. Each unit is fixing using PVC interconnecting piping & can be operated immediately by connecting inlet-outlet pipes and power supply

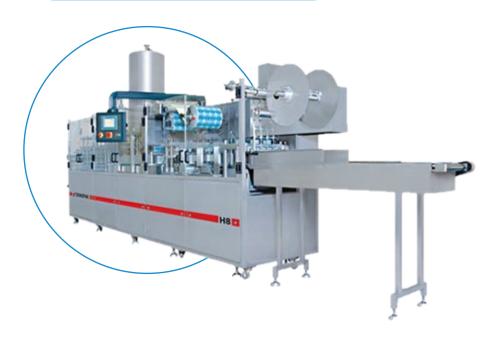




3.2 Containerized units: with a capacity of 5 - 100 m3/hr

The containerized units are heavy duty self-contained, turnkey systems, installed inside corrosion resistant metal containers of 20 ft (6m) and 40 ft (12m) sizes. Each containerized reverse osmosis system is engineered with high-quality components to handle all types of harsh conditions. The plants that installed inside containers can be easily moved without trouble. This is especially convenient for shipping/exporting to international destinations.

Water Cup Filling Machine



4. Aeration Tower

Arab Engineers Water Technology designs & manufactures Aeration Towers to remove H2S & oxidize iron.







5.Clarifiers

Arab Engineers Water Technology designs & manufactures Clarifiers to remove solid, particulates, suspended solids & turbidity





1. Stainless Steel orbital machin



When high quality results are required, orbital welding is the first choice for connecting SS pipes.

Orbital welding solutions are used in many places. Due to the special quality of the seams, the use of orbital welders is indispensable in many areas, such as: Pharmaceuticals & chemicals, food & beverages, petrochemicals & power plants

Orbital tube welding is an efficient process

Orbital is an economical choice for welding components because the welds created are consistent & clean

Orbital welding is a productive option

Orbital welding involves the machinery doing the majority of the work, leaving your technicians' time open for other tasks

Orbital solves unique challenges

Orbital is helpful in situations where welding must be completed in tight spaces that may not be possible with manual welding

Orbital tube welding is ideal for big projects

Orbital tube welding results in lower overhead costs, the highest-quality welds and shorter lead times

2. BCF machine

We are committed to introduce an advanced form for welding PVDF fittings & pipes. The BCF Plus- fusion machine from Georg Fischer has been developed for high-purity applications, particularly in the semiconductor industry, the pharmaceutical & food industries and for highest grade chemicals



Welding free from beads and crevices

The result of the jointing process is a surface similar to the actual pipeline components, free from beads crevices.

There are therefore no dead legs, the surface roughness is in the range of the pipe components

Reproducible jointing processes

The high reproducibility of the joints is assured by the clearly defined & controlled process sequence



Clear, unambiguous operator guidance via the liquid crystal display leads the user interactively through the fusion process in logical operating steps.

Welding report / traceability

The welding parameters for the relevant welding> operations can be read out directly via various interfaces on the machine. It is possible to print these out on paper







1-Food Industries

Double stage R.O plant with a capacity of 4 m3/hr

Filtration & softening systems with a capacity of 50 m3/h contains:

- Zeosorb Filter 50 m3/h
- Double Carbon Filter 50m3/h
- Triplex Softener

2-Hotels









3- Agricultural purposes: Farms





4- pharmaceutical Purposes & cosmetics





5- Well Water Treatment

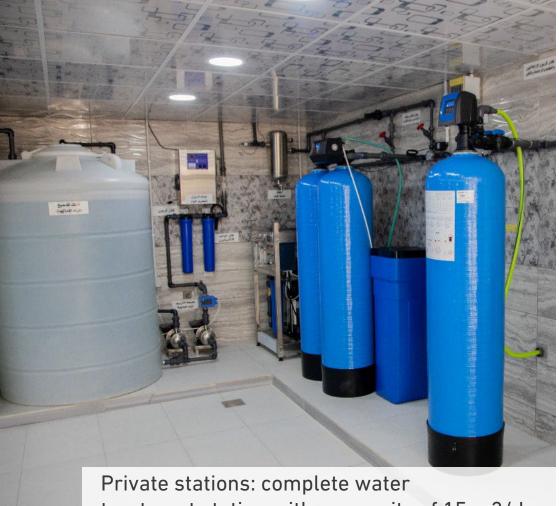








6- Drinking water treatment stations



treatment station with a capacity of 15 m3/day



7- Chemicals & detergent industries





8- Hospitals



OUR CUSTOMERS





















































































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