



**Ultra Tec**  
Water Treatment L.L.C

*Think Blue*



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ISO 9001 : 2015 Certified & Member Water Quality Association



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# OUR STORY

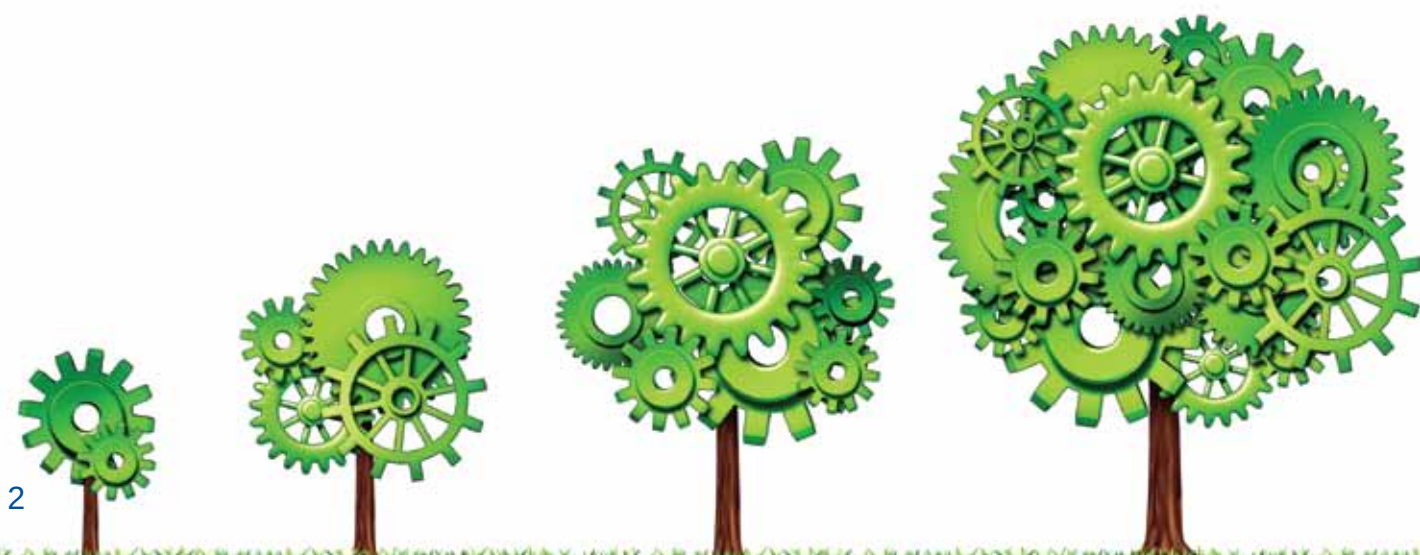
From a small village of “Chakkar kot” on Hangu road, Kohat city, KPK, Pakistan. A young engineer established a Water Treatment company to combat waterborne diseases in the area.

In 1999 he established his first office of water treatment in the city of Kohat on a very small scale. He started the awareness campaign against waterborne diseases by using local mosques, schools and colleges to help his community on the local level.

It was not an easy journey to begin with. People used to laugh and crack jokes on his self-proclaimed strive against waterborne diseases in the area, some of them advised him to pursue his engineering career instead of becoming a philanthropist. Those who used to laugh and advise now have become admirers.

After 20 long and patient years Ultratec has become a leader in the field of water treatment and turned into a highly reputable company offering water treatment solutions through innovation in 18 countries, 3 continents around the globe and takes pride to have a list of more than 5000 satisfied industrial, commercial and domestic customers.

Ultratec is eager to expand itself on the global level by 2030 to become an international partner with our customers to contribute towards environment to make our world a better place to live for the future generations to come.



# COMPANY WHO WE ARE ?

UltraTec® is one of the leading company providing water treatment solutions. Our aim is to provide cost effective water solutions to our customers. As a popular Water Treatment Company having decades of excellent products and services with vast experience in Water Treatment Industry.

We feel immense pleasure in informing you that we have more than 5000 satisfied customers and been successfully providing our best quality products and services to the distinguished organizations located all over the world. Besides, provision of best quality products and services to high profile corporate sector, organizations, Military institutions, Oil & Gas Industry, Educational institutions, Food & Beverages, Processing & Manufacturing industry, Marine industry , Health care, Airlines , Agriculture industry , Hotels and Restaurants etc.



# INNOVATION WHAT WE DO ?

Providing safe and reliable water treatment systems for converting brackish and sea water into pure, fresh water fit for human consumption and industrial use. We design, manufacture, install and commission Reverse Osmosis desalination systems that are extensively tested, reliable and user-friendly even in the toughest conditions. Our technically designed systems are custom-engineered to suit any application, thus providing the most economical and efficient solution in the market. We have successfully installed over 350 units in over 18 countries worldwide.



## Industrial Skid Mounted RO Plants



## Containerized Portable RO Plant Capacity: Upto 200,000 GPD

### Description:

- Plug and play unit
- Quick installation
- Easy transportation
- Mobile: useful for construction sites

# GUIDE WORDS & VALUES

## WHAT DO WE STAND FOR?

### Reason to Exist

To provide innovative, effective and economical water treatment solution with an aim to protect environment as our contribution towards a better world to live.

Ultratec also committed to achieve the ultimate level of customer satisfaction by providing the best possible products and services with in means.

### Our Future

Ultratec is eager to expand it self on the global level by 2030 to become an international partner with our customers to contribute towards environment to make our world a better place to live for the future generations to come.





# OUR STRENGTH

Our company remains committed to maintain the highest ethical standards and to achieve the ultimate level of customers satisfaction.

## INNOVATION

We never stop looking for new and better solutions to our customers' challenges. Their changing needs provide us with fresh opportunities to evolve and grow.

## EXCELLENCE

Continual quality improvement is our passion. We constantly monitor our products and services and do whatever it takes to optimize their value.

## TEAMWORK

Our people respect each other, value diversity, and share a common goal: TOTAL CUSTOMER SATISFACTION.

## INTEGRITY:

We believe in open, honest communication and building trust by delivering on our promises.



# OUR SPECIALITY

Our Specialty is to design cost effective Water treatment Systems that will meet customers requirement. Our Company aim is to build a sustainable and effective Water Purification System based on the end-user needs and within their budget. The sources of parts came from various countries (USA, Europe, Japan, UK, Turkey, Taiwan) with a High Standard Quality Certifications. All our water treatment plants are assembled locally by our experienced professional technicians and Engineers.

## Ideation

We encourage a culture of creativity that fuels new ideas and innovations. We create work environments that allow for organic thinking and inter-departmental communication. We value the creative efforts of our employees and translate them into value for our customers.

## Resourcefulness

We promote a discipline of resourcefulness at all levels of our company. We believe that resourceful teams add value by approaching problems with practical and actionable ideas. This resourcefulness creates efficiency and value which improves the client experience.

## Continual Improvement

We continually re-invest in research and systems that improve our technology and service offerings. We strive for vertical integration that streamlines the improvement process. We believe that the technology and solutions we deliver are the ultimate benchmark of our collective efforts.





All of this is also reflected in a broad customer spectrum.  
Our customers come from areas including:

- Chemical industry
- Power plants/Agricultural Purpose
- Process, air-conditioning and refrigeration technology/HVAC
- Automotive and construction machinery industry
- Shipping processes, Lub oil filtration, Ballast Water
- Petrochemistry
- LNG/LPG/FSRU
- Industrial food production

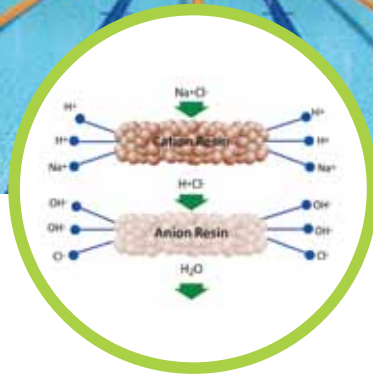


# EXPERTISE



## COPPER SILVER IONIZATION

A disinfection process, primarily used to control Legionella



## DEIONIZATION

A process to produce distilled / demineralize / deionize water



## SELF CLEANING FILTRATION

Low-maintenance, high-efficiency filtration for industrial and irrigation application

# EXPERTISE - TECHNOLOGIES

PURPOSE	TECHNOLOGY
Pre-treatment	Ultra, nano and micro-filtration, multimedia, activated carbons, cartridge filtration
Reverse osmosis	Incorporating energy efficiency and water recovery technologies for sea, brackish and reuse water. Ultra-high recovery processes
Post-treatment	Calcite, lime, carbon dioxide, pH adjustment
Disinfection Demineralization Waste water treatment	Chlorination, ultra-violet treatment Ion exchange, electro-deionization Membrane bio reactors

## Media filtration plants



### Sand Filtration

Sand filtration is a frequently used to remove suspended solids from water.

Applications for sand filtration:

- Treatment of waste water
- Production of drinking water
- Filtration in swimming pools
- Pre filtration for membrane systems
- Filtration of grey or surface water
- Removal of iron

## Water Softening



Water softening is a technique that serves the removal of the ions that cause the water to be hard

## Self Cleaning Filters



Auto Back Wash Self Cleaning Filter is used for Preliminary Filtration of demanding application of various industries. It is very useful for applications where suspended solid load is comparatively high & highly viscous material and slurry based filtration applications.

## Others / accessories



We carry a wide range of parts to service and maintain your existing reverse osmosis system. If you can't find what you're looking for, or are unsure of what you need, give us a call and one of our highly trained experts will help find what you are looking for.



# APPLICATION INDUSTRY FOCUS

## BRACKISH / SEA WATER

Cost-effective and energy efficient water solutions for the Offshore, Upstream, Exploration and Production in the Oil & Gas industry.

Our water solutions are environmentally friendly, consume less energy and are compact for both onshore and offshore application. Our reliable RO systems are ideally suited for the demands of Oil & Gas exploration and the drilling industry.

Advanced Ultra Tec® is one of the few specialized companies who manufacture and supply Safe Zone Systems.



## MARINE

Innovative, efficient and durable water solutions for the maritime industry. We provide customized solutions specifically engineered to comply with strict marine standards.

UltraTec® systems can be installed directly on board vessels, including barges and offshore supply vessels. We also supply land based onshore brackish and seawater desalination systems to provide a constant supply of fresh water in remote inland or coastal locations.

Our systems are also used for commercial purposes, including livestock vessels, deep sea fishing boats and various other marine applications such as recreational vessels.



## AGRICULTURE

Agriculture often faces uncertainties of changing climate and drought, Advanced Ultra Tec® is able to provide reliable water solutions to ensure consistent fresh water availability.



## MILITARY & DEFENSE

We supply deployable, robust water systems for rapid installation and easy maintenance. The systems require less maintenance and minimum intervention during emergencies, aid relief operations, military operations and construction of accommodation.



## FOOD & BEVERAGE

Integrated water technology and conceptualization of water treatment systems for Food & Beverage manufacturing and processing.



## HOTELS, TOURISM & LEISURE

Our sewage treatment delivers solutions for hotels, beach resorts, labor camps, water parks, swimming pools, water playgrounds, wellness centers, clubs and fish farming.

PERFORMANCE | RELIABILITY | SERVICE

## QUALITY STANDARDS

Ultra Tec® is ISO 9001:2008 accredited for its Quality Management systems and standards. Recognizing the company's ability to engineer, manufacture and supply water refining systems that meet customers specific requirements.

We only use high quality components sourced from Europe and the US. Where needed, materials and components with class approvals such as ABS, and ASME/ AWS certified, are specifically sourced from leading manufacturers, thereby enabling us to meet stringent quality and HSE standards that our clients in the marine, offshore and oil & gas environments demand.

All employees undergo extensive training and orientation relevant to their roles in order to effectively deliver quality products and services. The high quality and reliability of our systems have earned Advanced an extensive list of clients in various market segments and geographies.

## OUR STANDARDS

### QUALITY

High Quality Components from Leading Global Manufacturers

### USABILITY

Easy Operation & Maintenance

### RELIABILITY

Systems Operating Over 18 Years

### PERFORMANCE

Superior Technical Expertise

### DURABILITY

Advance & Safe Design

### SERVICE SUPPORT

24/7 Support & On-site Dispatch Anywhere in The World

## Industrial Containerized RO Plants



Containerized Portable RO Plant  
Capacity: Upto 200,000 GPD

Description:

- Plug and play unit
- Quick installation
- Easy transportation
- Mobile: useful for construction sites

## CONTAINERIZED RO PLANTS

Track Record of Developing Innovative  
Solutions Patented Technologies



## EXPERTISE - EXPLORATION, CONSTRUCTION, OPERATIONS

Desalination of Brackish or Sea Water for Potable Use  
Water for Construction, De-watering  
Water for Processing  
Purified Water for Process Applications





## WATER & WASTE WATER TREATMENT

Ultratec believes in resource management by pooling their expertise with other companies having same nature of business. By synergizing the resource pool of professionals Ultratec came up with innovative ideas, solutions to the technical problems and customized plants as per the need of customers.

As water treatment and waste water treatment is the core business of the company we have created are consortium of companies having experience and expertise in various aspects of the industry.

On as and when required basis Ultratec also share its expertise and experience for other companies as a commitment to protect environment and share the resources, means, minds and ideas when ever and wherever required.



# OPERATION AND MAINTENANCE

Long Term Performance and Reliability

24 hour remote monitoring Operations Via Control Panel and Easy to handle Plant by Ultra Tec® Plant configuration settings.

- Ongoing support
- Global reach
- Critical alarm response



Performance



Reliability



Services



# CORPORATE RESPONSIBILITY

Our objective is to integrate **clearly defined environmental and ethical standards of behavior and practices** throughout our business.

We take responsibility for creating wider benefits both within and around our business and endeavor to make a positive impact that improves the lives of others and reduces the risk of harm to people and the environment.





## MANUFACTURING WAREHOUSE & SHOWROOM

Ultra Tec® Water Treatment welded filters are manufactured according to all worldwide requested standards. All approvals according to ISO 9001:2015, Dubai Chambers, Water Quality Association, IAF, QAF and DAC are at hand.





## INNOVATION & QUALITY LEADERSHIP

Ultratec water treatment llc is a market leader in Water treatment plants design and continuously incorporates new membrane technologies such as nano filtration, ultra filtration and micro filtration for the production of drinking and industrial water. Our uncompromising commitment to superior quality and durability is reflected in the extensive use of high grade stainless steel fabrication and components that provide high resistance to corrosion. The fail-safe mechanisms sourced from leading manufactures protect major components and deliver accurate perfor-

Ultratec® Containerized RO Plant



ULTRATEC® is a Water Treatment Solutions registered trademark

# CERTIFICATION OUR STANDARDS AND CERTIFICATIONS



For years, we have met international quality requirements such as:

- ISO 9001-2015, Trusted member Dubai Chamber, WQA Water Quality Association.
- Water Quality Association (WQA) is a not-for-profit international trade association representing the residential, commercial and industrial water treatment industry. WQA maintains a close dialogue with other organizations representing different aspects of the water industry in order to best serve consumers, government officials, and industry members.





## GUIDING PRINCIPLES AND VALUES

### **What makes us different?**

We are able to customize solutions to meet almost all the requirements and needs of our customers to an exceptional standard.

### **How do we provide solutions for our customers?**

We initiate through doing the root cause analysis of the water problem. Then design and provide various solutions to our customers and adopt with the consent of our customer with respect to the technical and financial aspects.

### **Customers First**

We put customers first. We listen to their needs and make responsible decisions. We foster long-term relationships built on communication and trust. We honor our commitments and continually search for new ways to add value.



**PROJECT DELIVERY**

High level quality control. Delivery to client expectations



**DESIGN, CONSTRUCTION, COMMISSIONING**

Whole process approach  
The right technical approach. Guaranteed process & operational performance



**OPERATION & MAINTENANCE**

Long term performance & reliability. 24 hour active monitoring via Operations Control Panels



**THROUGH LIFE SERVICE & SUPPORT**

Technical Support team  
National Office Network  
Spare parts & consumables. Emergency rental fleet.

# Capability

Extensive Capabilities in Project Management, Process Design, Delivery and Operations & Maintenance

## PROJECT LIFE CYCLE

### Client communication and engagement

#### Project Delivery

Define and Design

Water Evaluation

Product Definition

Concept and process Design

Full Engineering Design

Build and Commission

Parts Procurement

Fabrication

Commission

#### Project Operations

Operate and Support

Client Training

Operations and Maintenance

Technical Support

### Client communication and reporting



# QUALITY SYSTEM AND INSPECTIONS



# REFERENCES

## OUR REFERENCES, PROJECTS AND CUSTOMERS





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