



UNIQQ WATER SOLUTIONS PVT. LTD

Revolutionary Impulse Water Technology

06
Basket Filters

01
Impulse Electro Turbulence Water Conditioners

05
Plate Heat Exchangers

02
Alkaline Ionizers

04
Electro Coagulation scale Removers

03
Shell & Tube Heat Exchangers

NON CHEMICAL PRODUCTS
UNIQQ WATER SOLUTIONS PVT. LTD
ANTI SCALING DESCALING *ALKALINE IONIZED

Save Water | Save Earth | Save Environment | Save Energy

01 ✓ Domestic

02 ✓ Industries

03 ✓ Agriculture



Eco Friendly



Less Power Consumption



No Water Wastage



No Chemicals



No Maintenance

ABOUT UNIQQ WATER SOLUTIONS

Uniqq Water Solutions Pvt Ltd, based in Hyderabad, Telangana, is a company focused on providing advanced water treatment solutions. They specialize in manufacturing and supplying a range of water treatment products, including electronic water conditioners, softeners, reverse osmosis (RO) systems, alkaline ionized water systems and other filtration technologies.

The company is both ISO certified and registered under NSIC & MSME, indicating its commitment to quality and compliance with industry standards. Uniqq Water Solutions caters to both domestic and industrial markets, offering services that address issues like water hardness and purification needs.

1. Convert hard water to soft water without chemicals our water conditioner (anti scaling & descaling product without using chemicals)
2. Heat Exchanger (plate type, shell and tube)
3. Electro Coagulation scale Remover (ECSR)
4. Filters - MS Filters , SS Filters , Basket Filters ,simplex filters etc..
5. RO Plants -domestic and commercial
6. Anti-oxidant alkaline ionized water
7. Spare Parts: Heat Exchanger Plates, Cooling Towers Spare Parts, RO Plant spare parts & filters spare parts

Uniqq water solutions is promoted by a team of electrical and mechanical engineers with extensive and relevant experience in the field of electronics, water analysis, domestic, industrials and agriculture, we offer a practical, no-nonsense solution to the stubborn problem of hardness in water whether it is for domestic commercial, industrial or agricultural use.

At unqq, all our products are backed by rigorous research and field validation resulting in products and services that are cost-effective, technologically advanced, and maintenance-free providing soft water that is good for use saves your machinery, and high yields in farming. our products are built in India meeting global standards enabling us to promise a never before' 10 years of performance guarantee under harsh Indian weather conditions giving you savings and peace of mind. Our high-quality product is backed by a technically capable team committed to providing the right advisory services to choose the product, install and service it for an uninterrupted flow of soft water forever.

IMPULSE ELECTRO TURBULENCE AND ELECTROLYSIS HARD WATER TO SOFT WATER WITH OUT CHEMICALS

TECHNOLOGY

The Uniqq Conditioner treats water by creating turbulence and a small electrical field as the water passes through a specially designed chamber. This process causes mineral particles, which would normally clump together and cause scaling, to repel each other and break into smaller particles. These separated particles flow more smoothly through the system, reducing interference and preventing scale buildup. Overall, the Uniqq Conditioner minimizes cohesion between mineral particles, effectively conditioning the water



SCALE REDUCTION

Calcium Carbonate (CaCO_3) is the main cause of scaling Problems and costs industry and Commercial Establishment huge Dent to their profits. It appears in predominately two forms. Calcite (CaCO_3) and Aragonite (CaCO_3). Although they share identical chemical compositions, they have completely different crystalline structures. Calcite precipitates to form a hard-to-remove whitish scale. Aragonite precipitates at a higher temperature is much softer and more easily removed. Testing by the NABL Certified Labs that the crystalline structure of Calcium Carbonate in its Calcite form was changed to Aragonite when the Uniqq Water Conditioner was used. Hence, it's easy to remove.

CALCITE

Under certain circumstances (temperature rise or an increase in pH levels), hard water is forced to discharge Calcium Carbonate. The Calcium Carbonate discharged in this way from untreated water is Calcite, a hard scale. The discharge will accumulate on the nearest receptive surface, typically, metallic.

ARAGONITE

Aragonite is a form of calcium carbonate crystal that unlike Calcite, prefers to stick to itself and at tracking more calcium. It remains suspended in water rather than deposited on surfaces.

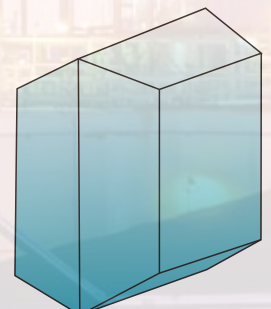
Chemical Formula: CaCO_3
Molecular Weight: 100.09g
Calcium: 40.04% Ca
Carbon: 12.00% O
Oxygen: 47.96% O

Calcite



Chemical Formula: CaCO_3
Molecular Weight: 100.09g
Calcium: 40.04% Ca
Carbon: 12.00% O
Oxygen: 47.96% O

Aragonite



Save Environment

ECO Friendly

Save Energy

Save Water

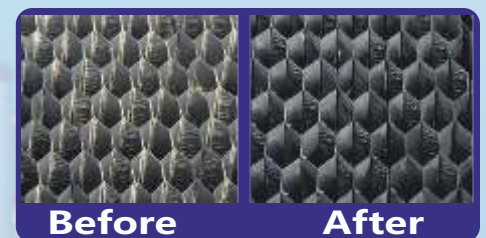
APPLICATIONS

- ✓ Cement Industries
- ✓ Air conditioners
- ✓ Power Plants
- ✓ Oil & Gas
- ✓ Boilers
- ✓ Bores wells
- ✓ Water filtration and Cooling Towers
- ✓ Car washers
- ✓ Chemical Industries
- ✓ Cooling towers
- ✓ Automobile Industries
- ✓ Aquarium
- ✓ Steel Industries, Metals & Minerals
- ✓ Restaurants
- ✓ Textile Industries
- ✓ Refineries and Petrochemicals
- ✓ Fertilizers Industries
- ✓ Farms
- ✓ Filtration systems
- ✓ Hot water systems
- ✓ Hotels & Motels
- ✓ Hospitals
- ✓ Pharmaceuticals
- ✓ Coolant Oils and Cutting Fluids
- ✓ Ice machines
- ✓ Dairy and Food Industries
- ✓ Dyes, Inks and paints Industries



INDUSTRY ADVANTAGES

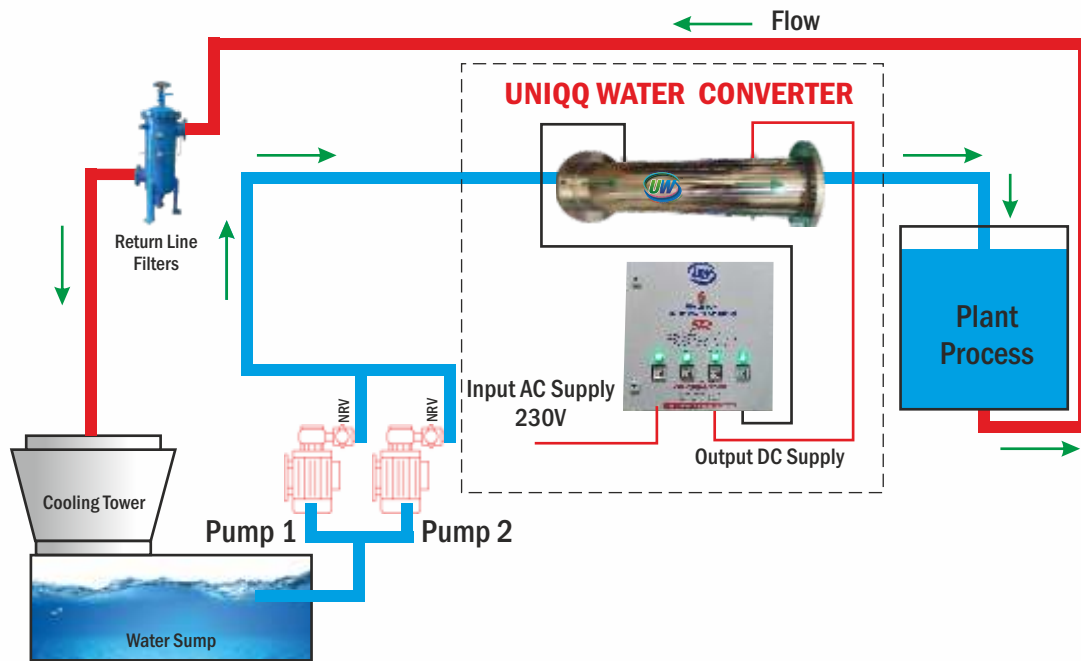
- No more hard water problems
- Maintain the temperature, flow increases.
- Better saving on fuels (up to 30% saving in fuel consumption)
- No more frequent de-scaling and cleaning of equipment
- Reduced maintenance costs
- Increased life of machinery
- Increases potential of machinery
- Compounds like traditional water softeners
- Better efficiency of water in the process as well as in reaction where ever applicable
- Improves performance and life of RO membrane were ever used.
- Reduces cost of production of RO water, process water or demineralized water
- Better life of valves and other fitments
- In simple words better, efficient, and cost-effective production where ever water is involved.



Cooling Towers / Compressors / Boilers / Heat Exchangers / Humidification Systems

IMPULSE ELECTRO TURBULENCE AND ELECTROLYSIS HARD WATER TO SOFT WATER WITH OUT CHEMICALS

INDUSTRIAL INSTALLATION



Save Environment

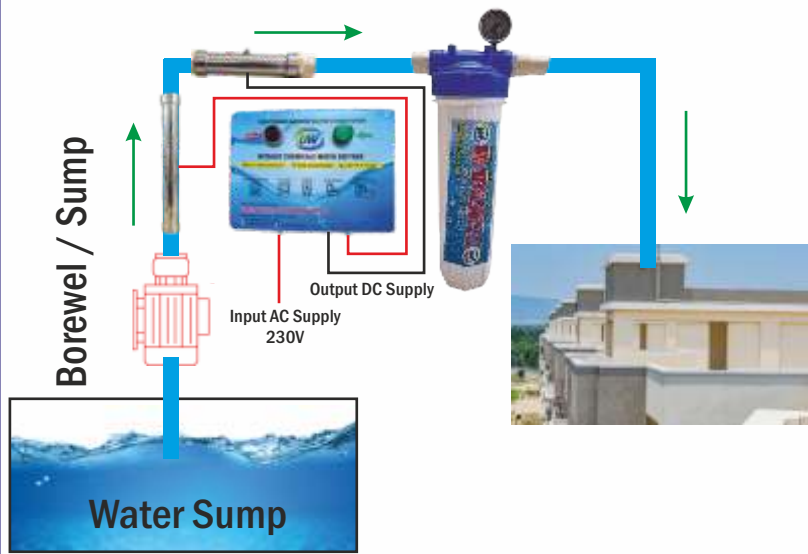
ECO Friendly

Save Energy

Save Water

ONE INSTALLATION TO STOP ALL YOUR HARDWATER PROBLEMS!

DOMESTIC INSTALLATION



JUST ONE TIME INVESTMENT & LIFELONG BENEFIT PRODUCT.



ELECTROLYTIC WATER CONDITIONER

HARD WATER → **SOFT WATER**

The infographic features a central circular diagram with a water conditioner unit in the middle. Surrounding it are several panels illustrating the benefits of soft water:

- Prevent Stains & White Spots** (on a sink)
- Skin begins to feel more hydrated** (on a person's face)
- Prevent the hard structure** (on a showerhead)
- Prevent the hard structure** (on a person's hair)
- Prevent the hard structure** (on a person's skin)
- Prevent the hard structure** (on a person's skin)
- Prevent the hard structure** (on a person's skin)
- Prevent the hard structure** (on a person's skin)

www.uniqwatersolutions.com



RESULTS



Save Environment

ECO Friendly

Save Energy

Save Water

WATER SOFTENER TECHNOLOGIES - COMPARISON

S.No.	PARAMETER	SALT-RESIN	MAGNETIC	ELECTRO MAGNETIC	ELECTRONIC IMPULSE UNIQQ WATER SOLUTIONS
1.	Technology	Resin - Salt exchange technology	water Magnetization	water magnetization through copper electric circuit	Electronic Impulse Technology through internal vertex formation.
2.	Efficiency	85%	60%	65%	75%
3.	Mineral Exchange	calcium & magnesium replaced with sodium	No Exchange	No Exchange	No Exchange
4.	Water Turbidity	Same	Same	Same	40% less turbid then input water
5.	Mineral Particle Size	Same	No breakage	No breakage	Comes below 5 microns
6.	Water Usability	Not suitable for drinking	All Purpose	All Purpose	All Purpose
7.	Maintenance	Regular addition of salt and resin	Frequent Magnets Change	Need to replace Electromagnetic Circuits	Less Maintenance for 10 - 15 years Just Fit and Forget
8.	Machine Life	5-8 Years	3-5 years	5-6 years	10 - 15 Years
9.	Can works on different water Flows & Hardness	No	Slightly	Slightly	Fully

STRAINERS

- Line Size: ¼" NB to 30" NB
- End Connections: 150# & 300# Flanged, Table E & Table F Flanges, DIN Standard Flanges Butt Weld,
- NPT/BSP Threaded, Hose Pipe Conn., Tri Clover Adaptor, SMS Union/Dairy Conn.
- Material of Construction : CS, MS, SS304, SS304L, SS316, SS316L, SS317L
- Operating Pressure: 0 to 50 Bar
- Operating Temperature: 15 Deg. C to 500 Deg. C
- Flow Rate : Up to 1000 M3/Hr. & More
- Filtration Rating : 1 Micron to 6000 Micron & More
- Top cover with nut & bolts type or quick opening type



T Type Strainer



Simplex Automatic



Elements



Duplex Filter



Automatic DF



Y Type Strainer

Heat Exchangers

- Basic construction of shell and tube Heat Exchangers
- Process liquid or gas cooling
- Process or refrigerant vapor or steam condensing
- UNIQQ has plate heat exchangers for all industries and applications catering to heating, cooling, heat recovery, condensation, and evaporation.
- Gasketed plate-and-frame type heat exchangers



Plate Types



Shell Types

Save Environment

ECO Friendly

Save Energy

Save Water

Dr. UNIQQ WATER IONIZER

Make Your Family Medicine Free

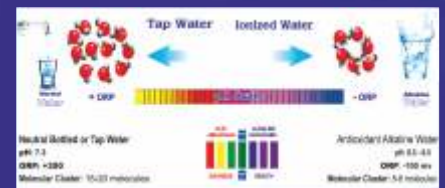


- ▶ Uniqq Made India
- ▶ No. of Plates : 2/3/5/7
- ▶ Platinum Plated Titanium Plates Plate Size : 120mm x 50mm
- ▶ Process Electrolysis Anod-Cathod based ORP-100 to 700
- ▶ Alkaline 7.5/8.5/9.5, Acidic 5.5/6/6.5
- ▶ Input Voltage 230 Volt Ac Ionizer Operating Voltage 10 V dc to 100 V dc Power Consumption less than 100 Watts per Hour
- ▶ Output Water 3 Plate 20 to 30 Ltr Per Hour
- ▶ Out Put Water 5 Plate 40 o 50Ltr Per Hour
- ▶ Output Water 7 Plate 50 to 60 Ltr Per Hour Life of Machine : 25 Years, Warranty 1 Year Alkaline Water Ionizer



Benefits

- ✓ Body Ph Balance
- ✓ Increase Energy Levels
- ✓ Control; Blood Pressure
- ✓ Weight Loss
- ✓ Hydration
- ✓ Bone Health
- ✓ Brain Health
- ✓ Preventing Cancer & other Disesas
- ✓ Digestive Health
- ✓ Liver Health



OUR CLIENTS



Manufactured & Marketed by :

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Dealers & Distributors