



**3D Aqua**<sup>TM</sup>  
RID THE DIRTY WATER

OWN MANUFACTURING UNIT



3D AQUA WATER TREATMENT COMPANY







## DOMESTIC WATER SOFTENER

Water Softener is a type of filter that removes the calcium and magnesium in hard water by using beads and cleans itself periodically by a important process called regeneration. The removal of calcium and magnesium from hard water is termed as water softening. The system prevents scaling/hard water stains on your taps, faucets and fixtures in your bathroom and kitchen ensuring that bathroom fittings look good as new for longer. The system also protects your water using appliances like geyser, washing machine, dishwasher etc. from internal damage and corrosion, thus extending their life. Not only this, the soft water protects your hair and skin from the harmful effects of hard water. 3D Aqua provide hardness testing kit and softener regeneration rock salt to check the water hardness also. 3D Aqua is the leading manufacturer and supplier of Domestic Water Softener. Our service team is every time ready to help you. Both types of softeners are available – Semi-automatic and Automatic Water Softeners.

### » OUR MODELS «

3D-0844 : 3D-1054

3D-1248 : 3D-1354

3D-1465 : 3D-1665

3D-1865 : 3D-2162

3D-2472 : 3D-3072

3D-3672 : 3D-4272

3D-4872 : 3D-6363

3D-Water Conditioner : 3D-Saltfree Softener

### » MAIN HIGHLIGHTS «

- 5 years warranty on pressure vessels.
- 1 year warranty on complete system.
- World class softeners.
- Fully Automatic water softeners.
- Specially designed for flats.
- Water softener for form house, villas, apartments, etc.
- Call for regeneration / service / salt.
- Hardness kit available.
- We are supplier of imported water conditioner and salt
- Call for AMC.
- Hardness kit + resin + vessel + multiport valves + rock salt.

## SOFTENER SALT

3D Aqua is the manufacturer and supplier of softener salt with premium quality. We are a respected manufacturer of Water Softener Salt to our huge clientele base. It is precisely engineered using high quality components and latest tools and equipment at our unit under the guidance and supervision of experts. This salt is tested on various parameters to make sure that no compromise is done with its quality at any stage of production.

## WATER CONDITIONER

3D Aqua is the manufacturer of all types of water conditioner in various sizes like 0.75 inch, 1 inch, 1.5 inch, 2 inch, 3 inch, 4 inch, 6 inch. Also we have imported water conditioners to fulfil all the needs of customer.

## RESINS

We have DM Plant resins - cation & anion, water softener resins, super charge resins of almost every brand.



DOMESTIC WATER SOFTENER



AUTOMATIC WATER SOFTENER



WATER CONDITIONER



RESINS



WATER SOFTENER SALT



SALT FREE WATER SOFTENER

**WE ARE THE  
MANUFACTURER  
OF ALL SPARE PARTS OF  
DOMESTIC RO**



## DOMESTIC RO

Reverse Osmosis is used to remove the contaminants from water by pushing water through a semi-permeable membrane under the pressure. For the Reverse Osmosis to work, we use a high pressure pump to increase pressure on the salt side of RO and force water across the semi-permeable RO membrane, leaving 90% to 95% of dissolved salts behind in the reject stream.

3D Aqua is the main supplier of all types of Reverse Osmosis purifiers and water filters for Home. Our products like Under the Sink RO, Wall Mount RO, UV+RO Reverse Osmosis, home water filters, RO purifiers and domestic water purifiers conform to the advanced Indian as well as International quality and are based on the most recent technology. 3D Aqua, a domestic RO manufacturer and supplier company provides a wide range (5 LPH to 50 LPH) of Domestic Water Purifiers and Domestic RO that work perfectly at your places.

- WE PROVIDE TDS METER WHICH IS OF DIGITAL PEN TYPE FOR WATER TESTING.
- WE ARE THE MANUFACTURER OF ALL SPARE PARTS OF DOMESTIC RO.

### » FEATURES «

- Services to end user : Yes
- TDS Removal : up to 99%
- Heavy Metals Removal : Yes
- Removal of Taste & Odor : Yes
- Warranty : 1 year, parts/excluding filters
- We provide Domestic RO in bulk for hostels, schools, housing society, RO sellers, etc
- Our manufacturing unit is in Bawana, Delhi
- 3D Aqua provides Domestic RO membrane, RO Pump, Pre filter candle, RO cabinets, UV, TDS meter, Sediment and Carbon filter.

## PRESSURE PUMP

When you have your water tank below the tap then you need water pressure pump system. 3D Aqua is the manufacturer and supplier of Pressure Pumps. Water is very essential to live life but when you live in a multistorey building then it is very difficult to get water all the times very easily. We need water pressure pumps in his case that pumps up water and you will get water easily at your floor.

### » FEATURES «

- High pressure showers.
- High pressure water supply to Bungalows/ small apartment complexes/ hostels/ hotels.
- Gardening easily.
- Domestic use of water in car washing.
- Small Gardens.
- Automatic on-off feature.
- Ready for use.
- Same water pressure at all floors of multi-storey Apartments.
- Available in 0.5HP, 0.75HP, 1HP, 1.5HP, 2HP and 3HP.





## COMMERCIAL RO PLANT

3D Aqua Water Treatment Company is a leading name in the industry that offers a wide range of commercial ro system in India and Global. We are manufacturer, exporter, and supplier of commercial reverse osmosis systems in worldwide. This system is most of use in restaurant, hospital, school, mall, and hotel for supply clean drinking water. Our main goal is to give the best quality of commercial ro systems to our customers. This system is designed by our highly qualified engineer using high-quality raw-material.



## INDUSTRIAL RO PLANT

We are offering unmatched range of industrial RO Water Plants to our valuable clients (5M<sup>3</sup>-50M<sup>3</sup>). These are highly appreciated by our clients for the exclusive designs, performance and long service life. Most of the Industrial RO Plants are maintained by 3D Aqua whose headquarter is situated in Delhi, India. Industries that require Industrial RO can contact us for the best Industrial RO Plant Consultant. 3D Aqua provide after sales service in all over India.



### »» 3D AQUA OFFERINGS »»

- Complete New setup
- SS RO Plant
- RO Plant with Chiller
- 1 Year Warranty
- Manufacturing unit is in Delhi, India
- 24/7 Customer Support
- All spare parts of RO plant available
- Fully Automatic RO Plant
- We provide BIS standardised RO plant with certification, we provide UV filter and ozonator.
- RO + UV filter
- RO+UV+Ozonator
- Ozonator capacity- 2gm, 4gm, 6gm, 8gm, 10gm (1000 litre have 2 gram)
- We Provide digital Pen type TDS meter for water testing.
- 3D Aqua provides Industrial RO Membrane and membrane housing, Dosing pump, Anti scalant, Media (carbon, sand) and High pressure pump.
- 3D Aqua offers membrane anti-scalants, membrane cleaners, membrane biological control and membrane pre treatment chemicals.

### »» OUR MODELS »»

3D-100 LPH	: 3D-150 LPH	3D-3000 LPH	: 3D-4000 LPH
3D-250 LPH	: 3D-500 LPH	3D-5000 LPH	: 3D-10000 LPH
3D-750 LPH	: 3D-1000 LPH	3D-12000 LPH	: 3D-15000 LPH
3D-1500 LPH	: 3D-2000 LPH	3D-20000 LPH	: 3D-50000 LPH



# COMMERCIAL/INDUSTRIAL WATER *Softener*

Commercial and Industrial Water Softener is like a filter that removes calcium and magnesium from hard water. 3D Aqua is the leading manufacturer and supplier of Industrial / Commercial water softener. 3D Aqua design its Industrial / Commercial Water Softeners in such a way that it meets to your requirements. We analyze your requirement before designing and work closely with you to design the perfect water softener system to meet your expectations. There are many Industries in India and all Industries want the perfect Industrial Water Softener partner that figure out the daily demand on system which is calculated in gallons per minute (GPM), gallon per day (GPD) and water quality. It also tells about the vessel size, pipe size, and control valve sizes. Our Industrial / Commercial water softeners are of good quality and low maintenance required. We are providing manual, semi-automatic or fully automatic controls. To meet the needs of specific applications, our hard water softeners are available with wide range of configurations including piping quality, tank construction, single, double and triple unit arrangements etc. We also undertake annual maintenance contract (AMC), which is not mandatory but advisable for minimizing downtime and maintaining running cost.

## »» MAIN HIGHLIGHTS ««

- 1 Year Warranty and manufacturing unit is in Delhi.
- Manufactured in FRP and MS both.
- Agitator also available and having capacity of upto 60000 LPH.
- Maintenance service is provided on-site.
- Resins of maximum all brands are available.
- MS Vessel, FRP coating, rubber lining, black japan paint, epoxy paint, enamel paint.
- Specially designed for housing society, hospitals, schools, malls, institutes, industries, factories etc.







## BOTTLING PLANT

We are the manufacturer and exporter of Automatic Bottling Plant. The plant is manufactured using high quality raw material and components. Offered plants are reckoned for their easy usage, reliable operation, excellent performance, operational accuracy and efficiency. The bottle plant manufactured by us can manufacture bottles of any shapes irrespective of sizes, shapes, designs and dimensions. Moreover, the bottles manufactured by us are sturdy in construction, leak-proof and durable in nature. This Fully Automatic Bottling Machine offers an assimilation of washing, filling and capping facility. It is due to the high utility and effective performance that our range can be used to pack mineral water, fruit juice, squash, and other beverages that require filling at a high temperature, by changing a few parts.

## COLD DRINKS MANUFACTURING PLANT

We provide the turnkey solutions for setup and maintenance of Cold Drinks manufacturing plants. We provide the complete machinery and equipment required for setting up a Carbonated Soda Manufacturing unit with high quality machines and automating the process as per the best of industry standards

## SODA WATER PLANT

We are the leading manufacturer, exporter and supplier of superior quality Soda Water Filling Machine, which are extensively used for filling soda, soft drink and fruit bear. Manufactured using the best quality raw material and most advanced technology, these machine are designed with utmost precision in order to confirm to the international quality standards. Our offered range of machine includes Rotary Counter Pressure Filling Machine, Automatic Carbonators, Linear Counter Pressure Filling Machine, etc.





## ACTIVATED CARBON FILTER

The Activated carbon Filters are designed to remove free chlorine, organic matter, odour and Colour present in the raw water and waste water. The Activated Carbon Filters consist of Activated carbon granules supported by very fine quartz filter media. Various grades of carbon are available for specialized treatments. 3D Aqua is the manufacturer and supplier of the best quality Activated Carbon Filters.

## HIGHLIGHTS

- It doesn't remove the "good stuff."
- It makes water healthier.
- It improves the flavor.
- They are easy to maintain.
- In most of the cases raw water can be used for backwash.
- Less backwash water is required.
- Easy to use in water treatment process.
- Low Maintenance.

## SAND FILTER

Sand filter is a micron filter that traps sediments and other matter like mud, silt, rust and dirt which affect the taste and appearance of your water. This filter is designed to be three layer sand media (sand, gravel and pebbles). A sand filter has a dirt holding capacity of 3 to 6 kg TSS / m<sup>2</sup> of sand surface. When the filters are loaded with particles, the flow direction is reversed and the flow is increased to clean the filter again. This step is called a backwash. 3D Aqua is the manufacturer and supplier of the best quality Sand Filters.

## IRON REMOVER

The red-brown staining of bathroom fixtures and laundry is generally treated as an iron problem. Iron generally occurs in its ferrous state in well water. 3D Aqua 's domestic iron filter is made up of FRP vessel to enhance its life and keep it corrosion free. It preserves pipeline, shower head tap and faucet from clogging due to deposition of iron. It prevents from colour change of clothes especially white clothes. It keeps skin & hair soft, healthier and shiny. It keeps the teeth shiny and healthier.

## BIG BLUE FILTER

A Big Blue filter housing holds big filter cartridges. Other manufacturers don't describe their large diameter filter housings as Big Blue. Any term for large diameter housings refers to housings that operate the same way. Water enters one end and goes down through the housing. Depending on what type of filter cartridge you have, water might flow through the filter and then out, or it might go all the way to the bottom and flow up through the media in the drop-in cartridge. You can put a variety of filter cartridges inside a housing depending on what you're trying to filter out.



IRON REMOVER



BIG BLUE FILTER



SAND FILTER



ACTIVATED CARBON FILTER



# SPARES

WE ARE THE MANUFACTURER OF ALL SPARE PARTS RELATED TO WATER TREATMENT SYSTEM, WASTE WATER TREATMENT SYSTEM AND HARD WATER TREATMENT SYSTEM LIKE :



• DOMESTIC WATER SOFTENER

• CHILLER PLANT

• SEWAGE TREATMENT PLANT

• DOSING SYSTEM

• PRESSURE PUMP

• COMMERCIAL RO PLANT

• COMMERCIAL WATER SOFTENER

• ACTIVATED CARBON FILTER

• EFFLUENT TREATMENT PLANT

• POUCH PACKING MACHINE

• INDUSTRIAL RO PLANT

• SAND FILTER

• DM PLANT

• MULTIGRADE PLANT

• WATER TREATMENT PLANT

• BOTTLING PLANT

• DOMESTIC RO

• IRON REMOVER

• SOFTENER SALT

• WATER COOLER





## POUCH PACKING MACHINE + PLC TRACKING MACHINE + MULTITRACK MACHINE

### POUCH PACKING MACHINE

We are the provider of advanced pouch packing machines that are developed using highly advanced technology. Our pouch packing machines include following features i.e; total PLC control, compact, highly automatic robust & modular design. As per the specifications of our valuable customers, range is also customized. We introduce ourselves as one of the best manufacturers, exporters and suppliers of Packaging Machines. These products are used in the optimal packaging & labeling applications. The machinery manufactured by us are developed using sophisticated technology and deep industry expertise. Our machines are durable and high performing that makes them cost effective in varied sense. We offer our products at reasonable prices.

**WE ARE THE MANUFACTURER AND SUPPLIER OF POUCH PACKING MACHINES, PLC COLLAR MACHINES AND MULTITRACK MACHINES ETC.**



## COOLER WATER COOLER

A WATER COOLER IS A MACHINE FOR COOLING AND PROVIDING DRINKING WATER, USUALLY IN AN OFFICE, SCHOOLS, FACTORIES, OR OTHER PUBLIC PLACES.

### MAIN HIGHLIGHTS

- We are supplier of branded water coolers like Blue Star, Voltas, USHA, Birla Aircon, etc.
- Our water coolers are having capacity of 20 litres to 300 litres.
- Long Life span.
- 1 year warranty on all water coolers.
- Fully Automatic water coolers.
- Also provide the inbuilt RO based water cooler that will give you the fresh and cool water.







## SEWAGE TREATMENT PLANT

### STP

Sewage treatment or STP plant is used to remove contaminants from waste water. It involves physical, chemical and biological process to remove physical, chemical and biological contaminants.

STP Plant is very effective and economical. 3D Aqua is the manufacturer of STP plant in civil and Mechanical both based in Noida, Delhi NCR, India.

Our clients give positive feedback for the compact design, user friendly, durability, low maintenance, corrosion resistance and longer service life features of all our STP plant structures and performance.

- We are Manufacture of capacity 1 KLD to 5 MLD.
- We Provide STP in Mechanical & civil both.
- Fully automatic and semi-automatic STP plants.
- We also provide STP operator/Compressive & Non Compressive AMC.

#### » TYPES OF STP (SEWAGE TREATMENT PLANT) »

STP – E.A.	(Extended Aeration)
STP – SAFF	(Submerged Aeration Fixed Film)
STP – SBR	(Sequential Batch Reactor)
STP – MBBR	(Moving Bed Bio Reactor)
STP – MBR	(Membrane Bio Reactor)



# EFFLUENT TREATMENT PLANT

ETP

Effluent Treatment Plants or ETPs are used to remove any toxic substances from water and make water pure. 3D Aqua is the manufacturer of ETP Plant in Civil and Mechanical both Industrial wastewater (effluent) is treated in a number of ways; the level of treatment decides which is appropriate. Basically there are four steps: Preliminary, Primary, Secondary and Tertiary.

**Preliminary Treatment** : Screening, grit and oil removal are done at preliminary treatment process.

**Primary Treatment** : Primary treatment involves removal of suspended solids up to 50% and reducing BOD level up to 30%.

**Secondary Treatment** : This is sometimes referred to Biological Treatment. Through biological processes, dissolved and suspended organic wastes are converted to more stable solids and removed by settling.

**Tertiary Treatment** : It is the final stage which involves physical, chemical and biological processes to remove residual suspended solids and dissolved solids.

## » MAIN HIGHLIGHTS «

- ETP is used in many sector like schools, factories, dying industries, milk dairy, restaurants.
- Metal finishing / automobile / steel mills / Electroplating.
- Dying / Bleaching processes / tanneries / laundry -Textile Industries.
- Acid-Alkali treatment - chemical industry / recovery of chemical.
- Paper & pulp Industry, Leather Industry.
- Oily waste water-automobile / refineries.
- Conventional ETP.
- Thermal power / Rubber industry / Fertilizers.
- Manufacture of Capacity 1 KLD, 2 KLD to 500 KLD.
- Fully Automatic and semi-automatic ETP Plant.
- We also provide ETP operator/Compressive & Non Compressive AMC.
- We provide ETP plant in Mechanical and civil both.



EFFLUENT TREATMENT PLANTS



## DE-MINERALISATION PLANTS DM PLANT

The process in which ion exchange is used to remove mineral salts from water is termed as Demineralization. There are two types of DM Plants available one is Two Bed & second is Mixed Bed units. As the ionic content in the water is removed by chemical reaction when water passes through a series of resin beds. The water at the output is chemically pure water in terms of free from ionic constituents but electrolytes and micro-organisms may still in the water means they may not be removed through this process. 3D Aqua is the leading manufacturer of DM-Plant. DM-Plant is mainly used to make water pure.

## MULTIGRADE FILTER MGF

The MGF works on principle of retention and removal of physical impurity in a graded manner through Voids of the filtering media.

Filter that makes use of fine media and coarse in a fixed proportion is termed as Multi grade Filter.

It performs at a substantially higher specific flow rate than conventional filters.

3D Aqua is one of the best provider of multi grade filters in India and other countries also.

### » ADVANTAGE »

- Higher specific flow rate than conventional down flow filters thereby saving on Space & cost Very low maintenance required.
- Very low maintenance required.
- In most cases, raw water can be used for backwash.
- Lower backwash water requirement.

### » PROCESS »

- Distillation.
- Membrane filtration.
- Reverse osmosis.
- Deionization.
- Electrodialysis.

## WATER TREATMENT PLANT

Water treatment is any process that improves the quality of water to make it more acceptable for a specific end-use. The end use may be drinking, industrial water supply, irrigation, river flow maintenance, water recreation or many other uses, including being safely returned to the environment. Water treatment removes contaminants and undesirable components, or reduces their concentration so that the water becomes fit for its desired end-use.



DM PLANT



MULTIGRADE FILTER



WTP



# CHILLER PLANT

A Chiller plant is an important plant to remove heat from the liquid. The liquid left after removal of heat can be used to cool equipment on circulating it through a heat exchanger. Industrial water chillers are used in a variety of applications where chilled water or liquid are circulated through process equipment. Commonly used to cool products and machinery, water chillers are used in a multitude of different applications including injection molding, tool and die cutting, food and beverage, chemicals, lasers, machine tool, semi-conductors and more. 3D Aqua has expertise in design and selection of chillers according to the client needs that show the best the performance. We are providing the best Chiller Machines India and also in other parts of the world.

## » ADVANTAGES OF CHILLER PLANT »

- Longer Lifespan
- Quiet Operation
- Energy Efficiency
- No Open Space Needed
- Safety
- Offline chiller (ss tank or HDPE tank)
- Online Chiller
- Auto cutoff chillers
- Capacity of 1000 lph to 10000 lph
- Capacity of chiller 2 ton, 3 ton, 4 ton, 5 ton, 6 ton, 8 ton

## DOSING SYSTEM

3D Aqua Dosing Systems being a certified company and has carved a niche by offering technically advanced range of chemical dosing/metering pumps & systems. Dynamic and young team supporting us comprises technicians, engineers and other skilled and semi-skilled staff. Technically advanced diaphragm and plunger also chemical dosing pump systems are made available by us as per the clients demand. Qualified engineers test each and every product and ensure that MOC of any liquid head is finalized by keeping in mind the compatibility of liquid. Solutions are also provided by us on special requests of clients. Products offered by us come up with quality workmanship, reliability and innovative design.

**WE ALSO PROVIDE CHLORINE DOSING SYSTEM TO MAKE BACTERIA FREE WATER.**



CHILLER MACHINE



DOSING SYSTEM





### WE PROVIDE INSTANT SERVICE

- All products are available related to water treatment system, waste water treatment system and hard water treatment system in all over India.
- Spare parts are also available.
- **24\*7 Helpline available at +916262629090**
- Email : [service@3daqua.in](mailto:service@3daqua.in)

Andhra Pradesh	Jharkhand	Punjab
Arunachal Pradesh	Karnataka	Rajasthan
Assam	Kerala	Sikkim
Bihar	Madhya Pradesh	Tamil Nadu
Chhattisgarh	Maharashtra	Telangana
Goa	Manipur	Tripura
Gujarat	Meghalaya	Uttar Pradesh
Haryana	Mizoram	Uttarakhand
Himachal Pradesh	Nagaland	West Bengal
Jammu and Kashmir	Odisha	





# 3D AQUA WATER TREATMENT COMPANY

(AN ISO 9001 : 2008, MSME, NSIC and CE Certified International Company)

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