



CATALOGUE
INDUSTRIAL PRODUCT

ABOUT Us

Established in the year 2008, at Jaipur, (Rajasthan, India), We Earth RO System are engaged in the manufacturing of a comprehensive range of Water Treatment Plants and Systems. Our expertise lies in engineering Water Filters, RO Systems and Water Purifier Systems, which are acclaimed in the market for their efficient performance, low maintenance and easy operations. These are precision engineered by using quality components and are capable of rendering years of efficient services at customer's end.

We are a quality driven engineering house and strive to set benchmarks in the discipline of customer satisfaction, therefore, we offer excellent after sales support to our customers. As a part of our business policy, we also provide Installation Training. On-site Support And Operational Training regarding our entire gamut of products. These proactive approaches have helped us to build a strong clientele that spread all across India.

Under the excellent guidance of our mentor, Mr. Pushpendra Singh Yadav, we have been able to become a recognize name in such a short span of time. His sound marketing strategies and dynamic management qualities have enabled us to carve a special niche for ourselves in today's competitive business scenario.

Mr. Piyush Yadav, a qualified professional and engineer having sufficient product knowledge and experience of over a decade in water purification industry manages our day-to-day activities. We have Registered on these brands Kaveri Aquapure, Kaveri Aqua Safe, Kaveri Aqua Care, Creative terry, Shopping store, Earth RO system.

Product Portfolio

With a perfect fusion of latest technological devices and well trained manpower, we have earned competency in manufacturing a comprehensive assortment of Waste Water Treatment Plants & Systems. We are specialized in fabricating Water Filters, RO Systems and Water Purifier Systems, which are based on latest technology. These systems are provided with many revolutionary features and are capable of rendering years of efficient services at customer's end.

OUR PRODUCTS

- Industrial RO Plant
- Chiller Plant
- Stainless Steel RO Plant
- Softener Plant
- DM Water Plant
- UREA DEF Plant
- UV & UF Plant
- ETP
- STP
- Swimming Pool Filtration Plant
- Mineral Water Turnkey Project
- Soda Automatic Plant
- Dialysis RO Plant
- Iron Removal Plant

INDUSTRIAL

RO PLANT

250 LPH Water Plant

Production Capacity	: 250 Ltrs./ Hr.
Inter Water pressure (Min)	: 0.3 kg/cm ²
Voltage	: 230 VAC 50Hz
Booster pump	: 0.5 H.P.
Filter cartridges	: Sediment, G.E.C. 1 Micron Filter and etc.
Membrane	: 4040 (1 No.)
Input TDS	: Upto 5000 ppm



1000 LPH Water Plant

Production Capacity	: 1000 Ltrs./ Hr.
Inter Water pressure (Min)	: 0.3 kg/cm ²
Voltage	: 230 VAC 50Hz
Booster pump	: 1 H.P.
Filter cartridges	: Sediment, G.E.C. 1 Micron Filter and etc.
Membrane	: 4040 (4 No.)
Input TDS	: Upto 5000 ppm



2000 LPH Water Plant

Production Capacity	: 2000 Ltrs./ Hr.
Inter Water pressure (Min)	: 0.3 kg/cm ²
Voltage	: 230 VAC 50Hz
Booster pump	: 1.5 H.P.
Filter cartridges	: Sediment, G.E.C. 1 Micron Filter and etc.
Membrane	: 8040 (2 No.)
Input TDS	: Upto 5000 ppm



INDUSTRIAL

RO PLANT

500 LPH Water Plant

Production Capacity	: 500 Ltrs./ Hr. (Per Day 4 Hr.)
Inter Water pressure (Min)	: 0.3 kg/cm ²
Voltage	: 230 VAC 50Hz
Booster pump	: 0.5 H.P.
Filter cartridges	: Sediment, G.E.C. 1 Micron Filter and etc.
Membrane	: 4040 (2 No.)
Input TDS	: Upto 5000 ppm



10000 LPH Water Plant

Production Capacity	: 10000 Ltrs./ Hr.
Inter Water pressure (Min)	: 0.3 kg/cm ²
Voltage	: 230 VAC 50Hz
Booster pump	: 2 H.P.
Filter cartridges	: Sediment, G.E.C. 1 Micron Filter and etc.
Membrane	: 8040 (10 No.)
Input TDS	: Upto 5000 ppm





CHILLER PLANT

We are leading manufacturers, suppliers and service providers of finely forged Chiller Plant. Precision engineered under the guidance of skilled professionals these products are highly functional and reliable.

Their superior strength, low power consumption, corrosion free structure, low maintenance and easy cleaning are some much appreciated features among our customers. We offer these products to our clients at economical prices that suit their budgets.

- Offline Chiller / ON-Line Chiller
- Chiller Antiscalant / Corrosion Inhibitor
- Chiller Water Non-Oxidising Micro Biocide
- 2 Ton / 5 Ton / 10 Ton Available





STAINLESS STEEL RO PLANT

Reverse osmosis, commonly called as hyper-filtration, is the basis of the SS RO System. Chlorine, bacterial assault, manganese, hydrogen sulphide, and iron destroy membranes. The SS RO system includes a sediment pre-filter and an activated carbon filter. Water softeners are also included with advanced RO systems.

A large volume of salty briny waste is produced as a result of the operation. The goal for these facilities is to reduce energy consumption, employ sustainable energy sources, improve the desalination process, and innovate in the waste management area to deal with the trash. Reverse osmosis water purification units are self-contained water treatment systems that use reverse osmosis.

Pre-treatment techniques for reverse osmosis facilities include softening, de-chlorination, and anti-scalent treatment. Following pre-treatment, water is forced across a semi-permeable membrane, which traps impurities while allowing pure water to pass through. The amount of energy required depends on the amount of salts and pollutants in the influent water, higher concentrations necessitate more energy.



SOFTENER PLANT

A water softener is a pressurized water treatment device in which hard water is passed through a bed of cation exchange media for the purpose of exchanging calcium and magnesium ions for sodium or potassium ions, thus producing a softened water which is more desirable for laundering, bathing, and dish-washing. A water softener is a whole house solution for hard water, it is not a water filter.

The benefits of using a softener include keeping all fixtures from scaling or corrosion, using fewer detergent in the washing machine for keeping clothes soft and bright, eliminating streaks and spots on glassware and dishes, prolonging the life of the water heater and the refrigerator ice maker by preventing any calcium and magnesium carbonate deposits.



DM WATER PLANT

Demineralisation is the process of removing mineral salts from water by using the ion exchange process. With most natural water sources it is possible to use Demineralisation and produce water of a higher quality than conventional distillation.

Fluid Systems Manufacture a Wide range of custom-built Demineralised Water plant [DM Plant] in India for industrial process water applications, with inherent design to conserve water, and save costs. The DM Plants [Demineralisation Plants] are available in different sizes and materials, manually operated or fully Automatic, & ready to install & are available as standard models or custom built versions for specific needs.

UREA DEF PLANT

Specifically, DEF is an aqueous urea solution made with 32.5% urea and 67.5% deionized water. DEF is consumed in a selective catalytic reduction (SCR) that lowers the concentration of nitrogen oxides (NO_x) in the diesel exhaust emissions from a diesel engine.



UV PLANT

Commercial ultraviolet disinfection systems are specifically designed to treat microbiologically contaminated ground or surface waters. These disinfection systems offer a 4-log reduction (99.99%) in bacteria, virus and protozoan cysts (specifically *Giardia lamblia* and *Cryptosporidium*).



UF PLANT

UF Plant or Ultra Filtration plants are always considered a unique part of water filtration as the name suggests they are ultra. This Ultra filtration equipment ensures the optimum filtration from different types of microorganisms which are usually found in the water and to make it safe and pure for consumption.



ETP PLANT

We provide Effluent Treatment Plant (ETP) for various types and natures of wastewater, and effluents which combine advanced physicochemical treatment processes with tertiary polishing system for the removal of organic, inorganic, oil & grease, heavy metals & suspended solids. Based on parameters as per nature & compositions we design a steady-state model to overcome environmental issues related to the industry. Our strength is to achieve the permissible limits of resultant treated water as per the Government norms.



STP PLANT

Sewage treatment plants in India have immensely gained popularity. The importance of pollution control and saving water is relatively understood well. Today, we have multiple means and ways to address these issues. Water treatment processes not only help reuse water but also keep the environment clean and healthy.



SWIMMING POOL FILTRATION SYSTEM

Whole set swimming pool equipment : we can offer you whole set of swimming pool equipment, including filter system, light system, disinfection system, cleaning accessories, pool pipe fittings, pool side parts, also spa products for pool and so on. No matter you are looking for project swimming pool equipment or private home use swimming pool equipment, both we can meet your demands. Followings are simple introductions for different systems.



MINERAL WATER TURNKEY PROJECT

We have complete allegiance in offering modern day Automatic Mineral Water Plant. The bottling line is designed for efficient performance in filling, sealing and labeling pet bottles that are used for mineral water. Automatic Mineral Water Plant is a bulk water supplier of mineral water, primarily distributed in bottles. Automatic Mineral Water Plant is available collectively in many cities through dealers at the retail level.



SODA AUTOMATIC PLANT

Carbonated soft drink plant is very useful and specially designed for ensuring efficient working on the filling, sealing and labelling glass bottles. The machine ensures no spillage, and securely packs and seal the bottles efficiently. If you are looking to invest in the same for increasing your efficiency and productivity, Earth RO System - one of the prominent Automatic Carbonated Soft Drink Plant Manufacturers in Ahmedabad, Gujarat, that has the best range to meet your diverse demands.



DIALYSIS RO PLANT

can not be used as dialysis water and requires more advanced treatments to bring down chemical and microbial contamination.

Why this is required is because, to put it simply, dialysis patients are exposed to more water and hence more contaminants which build up in their systems causing toxicity that can lead to even death.

The treated water is blended with concentrated electrolyte solutions and buffers to produce dialysis fluid that is used for the procedure.

IRON REMOVAL PLANT

Iron removal filter is that kind of filter that removes iron from the water. These are designed for removing the excess iron content present in the feed water with minimum pressure drop. It helps to treat the hardness of water by removing minerals and making the water soft. It is one of the problems that consumers and industrialists face a lot. Best iron removal filter ensures that the lives of appliances used at offices are increased. For example, the iron removal filter helps in the prevention of scaling on bathroom appliances.



VISIT US :



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