



Vinayaga Water Tech Systems

Iron Removal Filter

VINAYAGA WATER TECH SYSTEMS is one of the Good Quality Provider Company in India that designs and manufactures water filters for iron, manganese and arsenic removal. Supplying ready made portable iron water filters and customized large iron removing plants is our expertise. We provide iron removing filters 100 LPH to 10,000 LPH with Automatic, Semi-Automatic or Manual Filtration and backwash system. The tanks (vessels) are made either of FRP or Mild Steel (MS), while for special applications, we also provide stainless steel tanks on request. To know our complete range of Iron Removal Filter or De-Ironing Plant Price, quotation and installation services, please write us an email or just talk to one of our support executives.



Blow Molding Machine

Blow molds play a major role in making high-quality bottles. As neck and thread finish are already formed in the preform, blow molds form only the body and base of the bottle. In the reheat stretch blow molding (RSBM) process, they consist of three parts: two mold halves and one base insert (also called push-up).



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Reverse Osmosis Plant's

If you're looking for a water purifier that will provide outstanding drinking water for your home or business, reverse Osmosis (RO) Filtration is one of the most popular and best water filtration methods available. Below you will find diagrams, charts and explanation to answers your questions about RO systems. If you have other questions which are not answered here, please call us. We design, manufacture and install Ro Plant for drinking, commercial, industrial and laboratory research applications and juice concentration while meeting region specific water standards and certifications. Our industrial and Commercial RO Plant are available in 100 LPH to 10,000 LPH flow rates or more. In addition to standard models, we also manufacture customized units based on your specific requirements such as flow rates, membrane types, and end use and operational and control choices. We assure you of unmatched price quote and product service.



Features

- Made with Branded Membranes and Vessel's FRP or SS Vessel's
- Containerized mobile Systems Flow Rates 100 LPH to 10,000 or More
- Skid Mounted or Onsite Construction
- Meet Region Specific Water Quality Standard
- 100% Complete Documentation and Validation

Ultra Filtration



Ultra filtration Plant is used in both pretreatment and post treatment of water. We Supply and install custom made Ultra filtration Water systems (UF Systems) up to 10m³/Hr, units can be semi or fully programmable and PLC controlled. These are extensively used in industrial water and wastewater treatment applications. These units are next generation equipment, designed to minimize investment cost and maximize performance meeting stringent environmental protection requirements.

Using hollow-fiber ultrafiltration membranes, we can engineer ultrafiltration package system, ultrafiltration pilot plant and turnkey Ultrafiltration plant for low (<5NTU), Medium (<20NTU) and High (<50NTU) turbidities. Our standard series of ultrafiltration systems are modular units fixed on a skid frame (Powder coated MS or SS) fitted with inlet and outlet and product water connections. There are various optional components are available on request that can added as per clients' requirements.

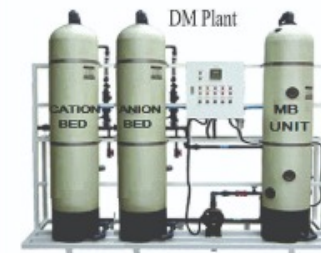
Water Softener Plant

Hard water is frequently unsuitable for many industrial and domestic purposes. When water is referred to as 'Hard' it simply means, that it contains excess of calcium (Co) and magnesium (mg) ions than normal water. Carbonated hardness is known as temporary hardness and non carbonated hardness is known as permanent hardness. The degree of hardness of the water increases, when more calcium and magnesium ions are dissolved. These ions have their origins in limestone sediments and also from carbon dioxide which is present in all waters exposed to the atmosphere and especially in ground water. The easiest way to soft the hard water is through Ion exchange process. Industrial and Commercial water softener is a kind of water Softening filter, which removes hardness from water caused due to presence of Calcium and Magnesium.



Water Softener is considered as concrete solution for this problem, which prevents scale forming. we deal in industrial and commercial hard water treatment with supply and installing of water softener plant from 100 LPH to 10,000 LPH and more.

DM Plant (Demineralizer or Deionization Plant)



A demineralizer is a system, which uses ion exchange chemical process to remove dissolved ionic compounds (Salts) from water. It is also known as Deionized water System, Demineralizer or DM Plant. A Typical Demineralization Plant (DM Plant) consists of two vessels. The feed water or raw water is passed through first vessel i.e. containing strong base cation resin in the form of Hydrogen (H⁺), Whereupon all the positively charged ions (sodium, calcium, Iron and copper etc). are exchanged for Hydrogen ions; after that, the water further passes through another vessel containing strong base anion resin in the form of Hydroxyl (OH⁻), Whereupon all the negatively charged ions (chloride, Sulphate, Nitrate, etc) are exchanged for hydroxide ions which then combine with the hydrogen ions to form water.

VINAYAGA WATER TECH SYSTEMS manufacture and supply of DM Plant units for industrial and commercial application with full service installation and commissioning services throughout India at a very competitive price. Designed economically, these units can be constructed up to 10m³/h or more flow rate capacities. We manufacture both dual bed DM Plant and mixed bed DM plant depending upon end use of demineralized water.