

FILTRATION PLANTS

We expertise in offering a wide range of filtration systems which are standardized based on the specific requirements for each type of filters depending on the end use application.

- ◆ Pressure Sand Filters
- ◆ Activated Carbon Filters
- ◆ Softener Systems
- ◆ Iron Removal Filtration Systems
- ◆ Micron Filtration Systems
- ◆ Nano Filtration Systems
- ◆ Ultra Filtration Systems
- ◆ Reverse Osmosis Plants
- ◆ Package Drinking water plants



Filtration units can supply in mild steel (MS) with liners.
Stainless Steel (SS 304 & SS 316) and fiber Reinforced Plastic (FRP).



WASTE WATER TREATMENT PLANTS

Our range of technology in waste water treatment plants are into the package & Conventional type sewage treatment and effluent treatment plants that are used in residential & industrial applications. Our products are manufactured with superior quality, technology and components, these plants have got the ability to clean the trade & domestic effluent water by removing all the dissolved & suspended contaminants from the water.

Product Ranger :

- ◆ Package On-ground sewage treatment plants.
- ◆ Package under ground sewage cum effluent treatment plants.
- ◆ Conventional type waste water treatment plants.
- ◆ Zero liquid discharge systems.

Technologies Offers :

- ◆ Moving bed bio reactor (MBBR)
- ◆ Sequence batch reactor (SBR)
- ◆ Membrane bio reactor (MBR)
- ◆ Electro coagulation system (ECS)
- ◆ Submerged aerobic fixed film reactor (SAFF)

- Other Services :**
- ◆ O & M and AMC contracts.
 - ◆ Supply of consumables & Accessories.
 - ◆ Plant up-gradation, Refurbishing & Retrofitting of existing plants.



WATER & WASTE WATER TREATMENT PLANT MANUFACTURER
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- ◆ FILTRATION PLANTS
- ◆ SEWAGE TREATMENT PLANTS
- ◆ EFFLUENT TREATMENT PLANTS
- ◆ REVERSE OSMOSIS PLANTS
- ◆ FRP WATER STORAGE TANKS
- ◆ DOMESTIC WASTE WATER TREATMENT PLANTS

**READYMADE SOLUTION
FOR
WATER STORAGE & WASTE WATER TREATMENT**



BMI Enviro Tech is pioneer in providing turnkey solutions for the water & waste water treatments. Bmi Enviro is engaged in fabrication, Supply & Services in the field of environmental products with high quality and standards to serve the client for the clean & Green environment. Our company is based on futuristic vision & values such as integrity & trust which are the pillars of success.

BMI Enviro Tech expertise in offering Ready-made Packaged Water System both in industrial & domestic requirements. We provide quality solutions with very competitive price. We backs up its technology with excellent after sales services.

FRP UNDERGROUND & ON GROUND WATER STORAGE TANKS

FRP Water Storage Tanks are the superior type of storage solution in both on-ground and underground systems. FRP tanks are advisable storage units for the clean water in green building concepts. Which ensures the quality of water during and zero seepages.



CAPACITY RANGES FROM 1,000 to 50,000 Ltrs

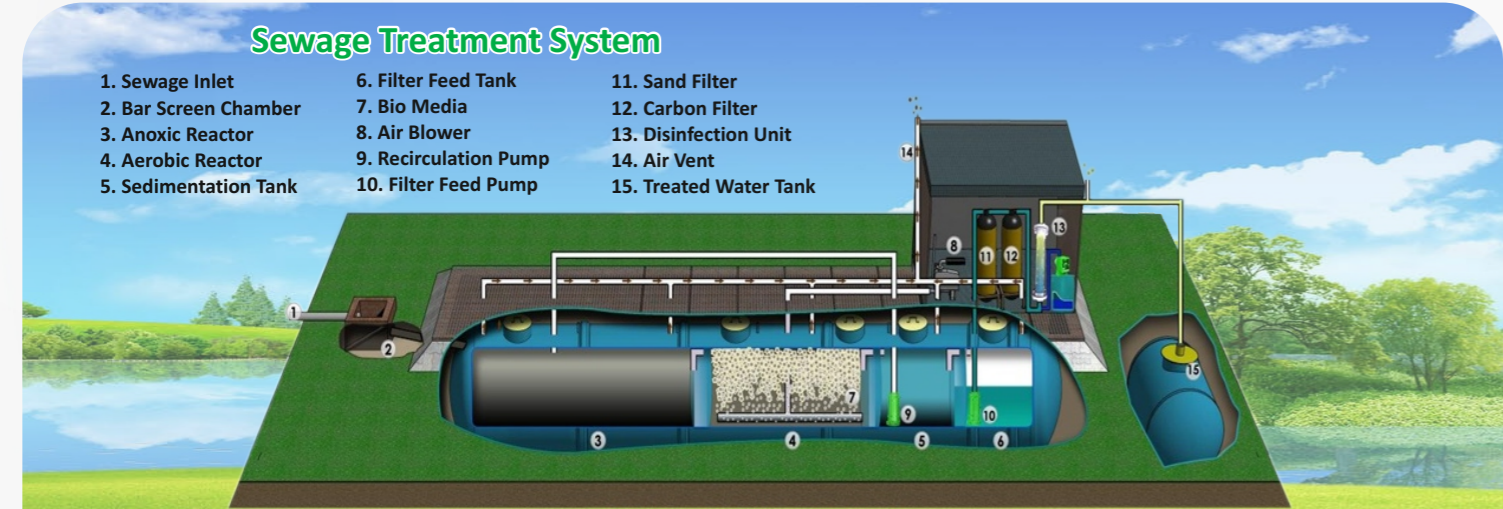
- ◆ FRP Tank completely fabricated by fibre Reinforced plastics (FRP) by filament winding technology, which has uniformity in strength.
- ◆ 100% Leak proof and the lifetime of the tank are 50 years minimum.
- ◆ 100% Corrosion Proof.
- ◆ No Root Integration.
- ◆ Easy & Fast Installation.
- ◆ Good Temperature Insulation.
- ◆ To avoid Fungus / Bacterial formation.
- ◆ To be installed in a drive way and gardening.

APPLICATION & USERS

- ◆ Housing Complex
- ◆ Industries
- ◆ Holidays Camps
- ◆ Hotels & Resorts
- ◆ Military Campus
- ◆ Institutions
- ◆ Restaurants
- ◆ Duplex Bungalows & Villas

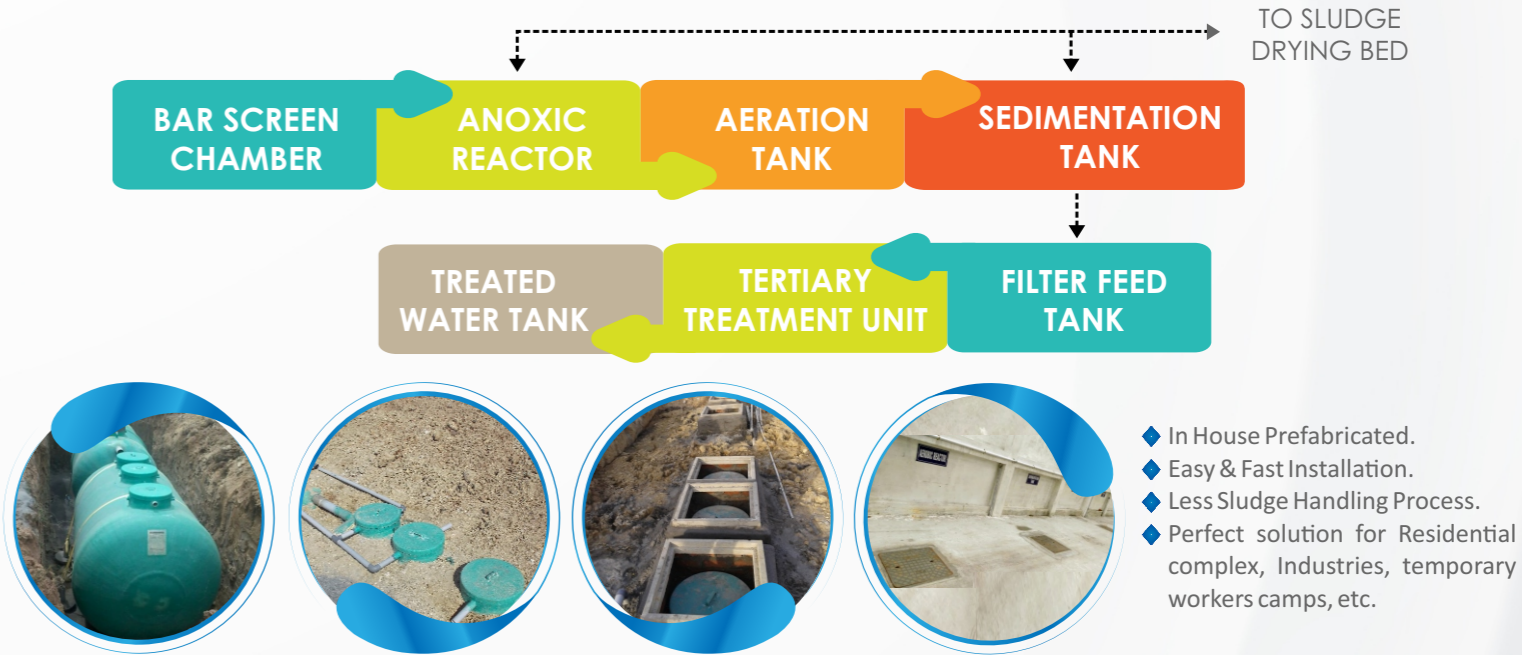


FRP PACKAGE TYPE SEWAGE TREATMENT PLANT



Advanced MBBR Technology

Wastewater is directed to an oxygen-depleted upstream flow anoxic reactor after primary treatment. Denitrification of the wastewater stream is accomplished by returning activated sludge from the bioreactor to the anoxic tank, thereby facilitating the denitrification process as anoxic microbes break down existing nitrates for their available oxygen component. The result is the release of inert nitrogen gas into the atmosphere. After anoxic reactor, the waste water flows into the Moving Bed Bio Reactor (MBBR) and biological degradation will occurs. The mixed liquor suspended solids flows into the post anoxic reactor cum sedimentation tank and sludge will settled in the bottom of the tank. Activated sludge will partially passes into the anoxic reactor and sludge handling unit. The supernatant water passes through the tertiary treatment unit and fits to reuse for gardening and flushing purpose.



READY MADE FRP ANAEROBIC BIO-SEPTIC TANKS



CAPACITY RANGES 1,300 LITERS TO 50,000 LITERS

- ◆ Bio-Septic Tank has designed to treat all the wastages water from the households, includes both grey and black water.
- ◆ Very compact and ready made solution along with the biological treatment scheme.
- ◆ Water source is not affected by recharging the outlet water since it is biologically treated water.
- ◆ Packaged Underground Bio-Septic Tank unit is housed in non corrosive FRP material.
- ◆ It has life of more than 50 years.
- ◆ Aesthetic appearance is very good and no foul smell.
- ◆ System can be upgraded and relocated at any time.