

COMPACT SEWAGE TREATMENT PLANT (MBR)

Membrane bioreactor (MBR) is the combination of a membrane process like microfiltration or ultra filtration with a suspended growth bioreactor, and now widely used for municipal and industrial wastewater treatment. MBRs differ from 'polishing' processes where the membrane is employed as a discrete tertiary treatment step with no return of the active biomass to the biological process.



Our company has designed a high-performance integrated wastewater treatment plant in combination with our own scientific research achievements and engineering practice, on the basis of summarizing the operation experiences of the domestic and overseas sewage treatment plants and according to the current social environment requirements, This plant has the characteristics of stable and reliable performance, good treatment effect, investment saving, automatic operation, convenient maintenance operation, small floor area etc. It is widely used and achieves the national first level discharge standards.

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Advantages of Plant

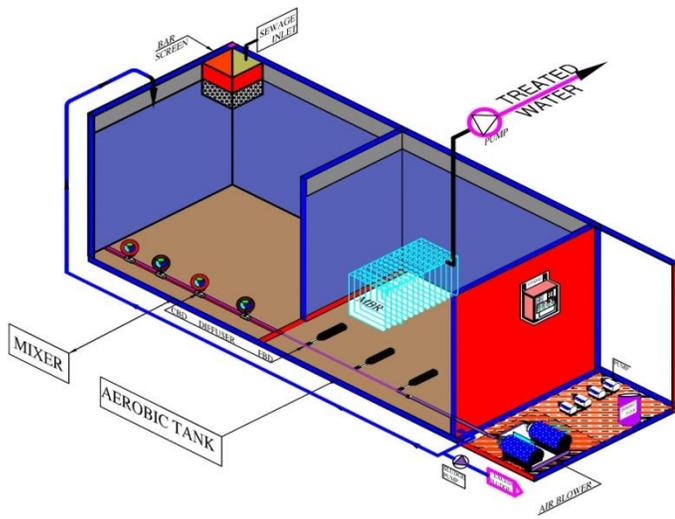
- ✚ It is not influenced by the topography, has small floor area and short installation time and is fast to produce the desired result.
- ✚ Small installation investment and low cost.
- ✚ The treated water and the produced sludge are easy to reuse.
- ✚ The degree of automation is high, and the maintenance and management is simple and convenient.
- ✚ The effluent is steady, the safety performance is high, and the national standard is met.
- ✚ The plant can be manufactured into the on- vehicle plant, being convenient to move and use.

Applications

- ✚ Residence Community, Villages and Towns.
- ✚ Shopping Malls, Hotels, Restaurants, Sanatoriums, Hospitals.
- ✚ Institutions, Schools, Airlines, Offices, Troops.
- ✚ Highways, Railways, Factories, Miners, Scenic spots.
- ✚ Organic wastewater treatment and reutilization of the middle small scale industries, such as farms, aquatic product processing and food

Capacity Range

5KLD – 1MLD



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