

SEWAGE TREATMENT PLANT (FRP)

Septic-tank is primary treatment structures which remove the suspended matter in domestic sewage by adopting sediment and anaerobic fermentation principle, domestic sewage contain plenty of feces, Paper Scrap parasite etc. Impurity, the suspended solid concentration is 100-350mg, organism concentration BOD5 is between 100-400mm; the suspended organism BOD is 50-200mg among of them.



Sewage enter into septic-tank will remove 50%—60% suspended matter after 12-24h sediment , the sediment sludge will anaerobic digestion above 3 month, which will make the organism decompose stable inorganic, corruptible raw sludge translate to ripe sludge , it changed sludge structure, reduce sludge water ratio , clear it and transport out regular. Landfill or reuse it as fertilizer.

Advantages

- ❖ Consistent efficiency and 90-95% BOD reduction throughout the year
- ❖ Sludge handling once between 12 to 18 months
- ❖ Sludge drying bed is not required
- ❖ Recycled water can be reused for gardening irrigation purpose
- ❖ It can be upgraded or relocated
- ❖ Negligible operation and maintenance cost

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Applications

- ❖ Residential area, Villages
- ❖ Hotel, Restaurants, Hospital
- ❖ Office buildings
- ❖ Station, Airport
- ❖ Schools, barracks
- ❖ District municipal reform
- ❖ Industrial organic wastewater

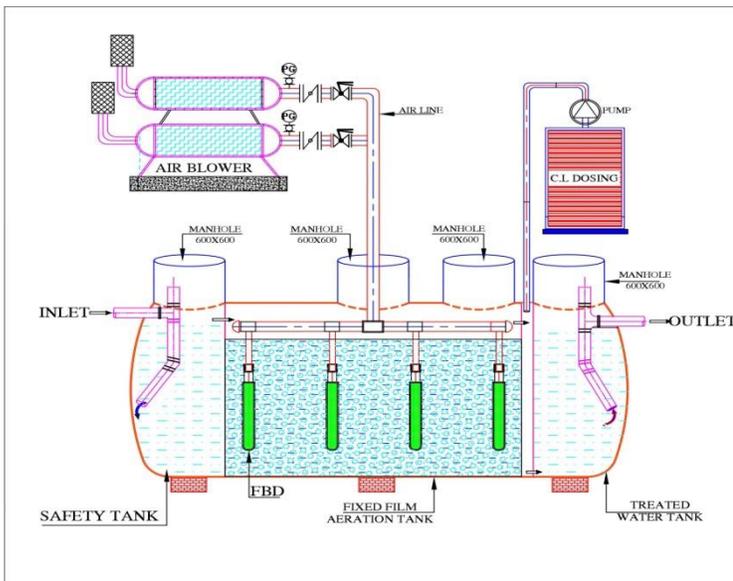
**CAPACITY RANGE
5 KLD – 150 KLD**

**100%
ECO-FRIENDLY**

**RUSTPROOF
& LEAK-PROOF**

Features

- ❖ Use high quality FRP composite material to make, with the advantage of antacid, alkali-resistant, pull-resistant, high strength etc.
- ❖ Good tightness, no leakage, completely prevent the pollution of traditional the septic tank ground water leakage. At the same time, improve the damage to building from foundation wet soft sink, with the better environmental protection efficiency.
- ❖ Using unique structure design and high efficient membrane packing , high removal efficiency, small occupy area, area selection flexible, special suitable for old city building area reform sewage system to set up septic tank.
- ❖ Light weight, convenient to transport. Integral construction, no need assembly, install speedy.
- ❖ High compression strength, can install in afforest lawn or below the path.



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