



Anaerobic Septic Tank- JST Series



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M  
S



**INTRODUCTION ABOUT COMPANY**



**JRMS Septic Tanks**

**Typical Application :**

- \* National, Provincial and State Parks
- \* Residential
- \* Housing Developments
- \* Hotel
- \* Hospital
- \* Institutions
- \* Commercial Complex
- \* Factories

**Advantages:**

- \* Eco Friendly
- \* Rust Proof
- \* Light Weight
- \* Durable
- \* Leak Proof
- \* Easy To Install
- \* FRP Filament Wound Process
- \* Excellent Performance

**Septic Tank Process Flow**

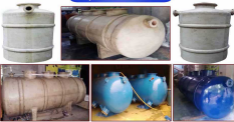


**Septic Tank Process**

**Operation Process**

Jrms septic tank is another product within the range of environmental products . The Jrms septic tank is manufactured from durable fiber reinforced plastic (FRP) and is an ideal solution for wastewater treatment where sufficient land is available for an adequate drainage field. The tank is divided into two chambers, sized sufficiently to hold wastewater for an adequate amount of time for the solids to drop to the bottom to form sludge and the lighter material to rise to the top of the liquid to form a scum. A certain amount of anaerobic breakdown occurs within the tank. The remaining liquid effluent is passed through the outlet pipe into the drainage system for final treatment. The liquid is dispersed evenly within a series of drainage pipes into the soil. The micro organisms in the soil breakdown any organic matter left in the effluent. 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 lumps, parasite etc impurity. The suspended solid concentration is 180-350mg, organism concentration BOD5 is between 200-400mg, the suspended organism BOD is 50-200mg among of them. sewage enter into septic-tank will remove 50%—80% suspended matter after 22-24h sediment, the sediment sludge will anaerobic digestion above 3 month, which will make the organism decompose stable inorganics, consumable raw sludge transfer to ripe sludge , it changed sludge structure, reduce sludge water ratio , clear it and transport out regular. Landfill or reuse it as fertilizer.

**Septic Tank Modules**



**Our Clients**

**Residential Project**

- \* Orbit tower
- \* Ambuja Realty
- \* Vedic Realty
- \* Malyon Construction Pvt.Ltd.

**Industrial**

- \* Lafarge
- \* Ultratech
- \* Raymond
- \* Godrej Agrovet
- \* Lux Industries Limited

**Govt. / Institution**

- \* R.W. D.
- \* R.A.E. \*
- \* F.D.D.I.

**Anaerobic Septic Tanks- JST Series For Medium & Large Applications**

Specification	Model											
NUMBER OF TOILET	ST-10	ST-15	ST-20	ST-30	ST-40	ST-50	ST-60	ST-70	ST-80	ST-90	ST-100	ST-120
Residential (200 lpcd)	90	75	100	150	200	250	300	350	400	450	500	600
Office (80 lpcd)	120	180	250	375	500	625	750	875	1000	1125	1250	1500
Factory (80 lpcd)	120	180	250	375	500	625	750	875	1000	1125	1250	1500
School (80 lpcd)	120	180	250	375	500	625	750	875	1000	1125	1250	1500

**Anaerobic Septic Tanks- JST Series For Domestic & Semi Commercial Project**

Specification	Model							
NUMBER OF TOILET	ST-05	ST-07	ST-09	ST-12	ST-15	ST-18	ST-21	ST-24
Residential (200 lpcd)	8	24	25	28	33	40	48	56
Office (80 lpcd)	16	28	48	52	66	80	94	110
Factory (80 lpcd)	16	28	48	52	66	80	94	110

**Manufacturing & testing**

**Global Presence**



**JRMS ENGINEERING WORKS**

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