

Package Type Wastewater Treatment System

World over there is now recognition that decentralized wastewater treatment is a better alternative to a centralized wastewater treatment system from the angle of investment, energy consumption and efficiency. There are many areas within cities, towns and villages that are impossible to cover through centralized wastewater treatment system. It has, therefore, become imperative to evolve decentralized wastewater treatment systems that take care of proper treatment and disposal of wastewater.

In line with our innovative past, we now bring to you Sintex Package Type Wastewater Treatment Systems (PWTS) that are compact and can be used in a decentralized manner anywhere for proper treatment of wastewater. To give the best solution we have tied up with world leaders in this area M/s. Aqua Nishihara Corporation, Japan.

Sintex Package Type Wastewater Treatment is based on anaerobic process and designed to have dual functions for efficient treatment of domestic wastewater from toilets, bathrooms, kitchen and washing area.

Sintex PWTS-AM series Principle

The first chamber of tank accepts wastewater from all domestic activities, which is digested by anaerobic process for efficient separation of scum, solids and water. Only water is allowed to flow into the second chamber, which functions as filter tank for digesting all wastes as nutrients by anaerobic bacteria housed in plastic media. Clean water can then be discharged through outlet into the sewage system or in the ground.

Applications

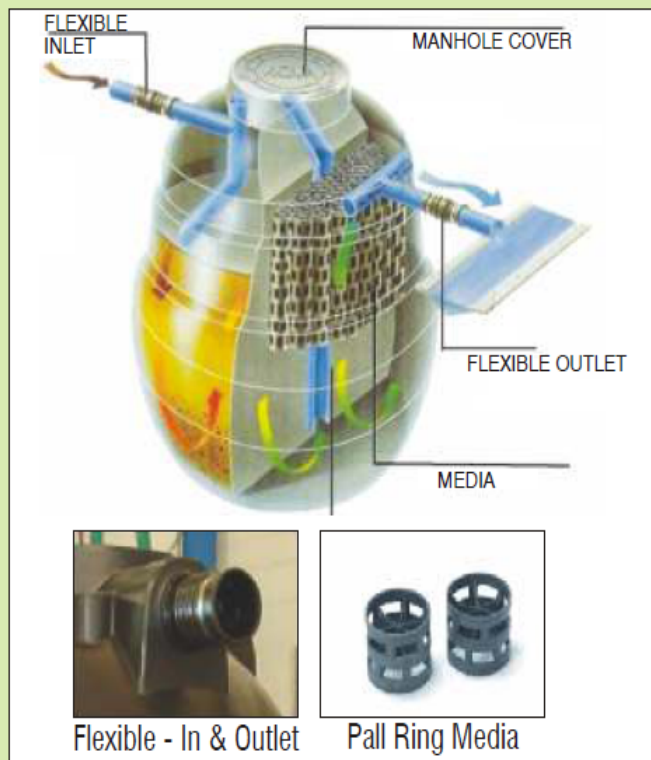
Domestic, individual houses, low rise residential apartments, villas, bungalows, row houses, dhabas/ restaurants and canteens, offices, Small factories

Advantages of Sintex PWTS

- 100% eco friendly
- Rust proof, Leak proof
- Durable, Light weight, Easy to install
- Excellent performance through massive reduction of BOD

Installation Instructions:

- Please refer to separate installation instruction available from us



Dimensions

Model	Diameter (mm)	Height (mm)	Inlet/Outlet Pipe (mm)	Vent (mm)
PWTS-AM-80-01	1100	1450	100	50
PWTS-AM-120-01	1300	1400	100	50
PWTS-AM-160-01	1440	1550	100	50
PWTS-AM-180-01	1490	1615	100	50
PWTS-AM-200-01	1540	1640	100	50
PWTS-AM-300-01	1830	1880	100	50
PWTS-AM-400-01	1900	2020	100	50
PWTS-AM-500-01	2070	2280	100	50
PWTS-AM-600-01	2070	2510	100	50

Model	Number of Users					
	Residential		Office	Factory(Nightsoil)Treatment		Canteen
	Total Waste 200 lpcd	Toilet 80 lpcd	Total Waste 80 lpcd	Cesspool 40 lpcd	Toilet 80 lpcd	Soil Only 20 lpcd
PWTS-AM-80-01	2	5	5	10	5	20
PWTS-AM-120-01	3	8	8	16	8	30
PWTS-AM-160-01	5	11	11	22	11	50
PWTS-AM-180-01	6	12	12	24	12	60
PWTS-AM-200-01	7	14	14	28	14	70
PWTS-AM-300-01	8	23	23	46	23	80
PWTS-AM-400-01	10	26	26	52	26	100
PWTS-AM-500-01	12	33	33	66	33	120
PWTS-AM-600-01	16	40	40	80	40	160

WASTEWATER TREATMENT SYSTEM		
Codes	Litres	Price (USD)
PWTS-AM-80-01	800	555,00
PWTS-AM-120-01	1200	881,00
PWTS-AM-160-01	1600	1109,00
PWTS-AM-180-01	1800	1222,00
PWTS-AM-200-01	2000	1336,00
PWTS-AM-300-01	3000	1904,00
PWTS-AM-400-01	4000	2472,00
PWTS-AM-500-01	5000	3040,00
PWTS-AM-600-01	6000	3610,00

Lpcd: Liter per capital per day.

Information given in good faith but without any warranty

For any questions please contact us: www.biog.as - Email: post@biog.as