

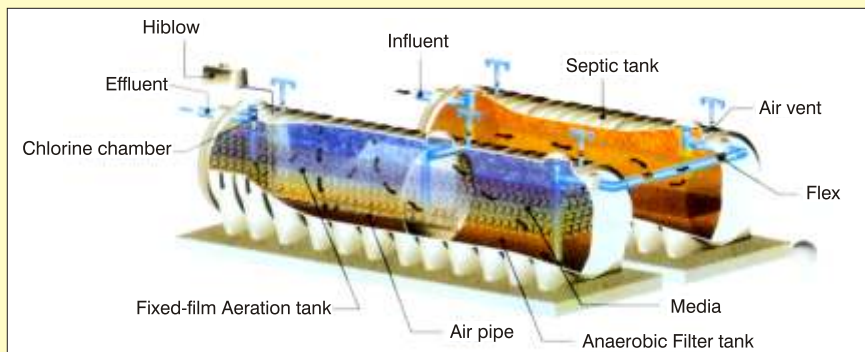


NBF series for medium
and large applications

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.



Operation Principle:

- 1. Solid Separation Zone:** This is the primary treatment process that separates solid and scum from waste water.
- 2. Aeration Zone:** Clear water flows into this stage. Oxygen supplied by air blowers is required for the digestion of the bacteria cultures thriving in and around the plastic media inside the aerated zone, thus reducing the amount of contaminants while generating more contacts with the bacteria cultures on the surface area of the media. The quality of water becomes better.
- 3. Sedimentation Zone:** The next step of treatment involves the sedimentation where organic wastes are settled in the sedimentation zone. The settled waste in the bottom of the tank can then be pumped back to the solid separation as a return sludge to ensure that quality of effluent passes the required standard. Chlorine is sometimes introduced before discharging the effluent into public mains.

Advantages of Sintex NBF

- 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

No. of Users	Specification	Model													
		NBF-10	NBF-15	NBF-20	NBF-25	NBF-30	NBF-35	NBF-40	NBF-45	NBF-50	NBF-60	NBF70	NBF80	NBF-90	NBF-100
		Residential (200 lpcd)	Office (80 lpcd)	Factory	-Cesspool (50 lpcd)	-Toilet Flush (80 lpcd)	School	-Cesspool (50lpcd)	-Toilet Flush (80 lpcd)	University (80 lpcd)	Residential (200 lpcd)	Office (80 lpcd)	Factory	-Cesspool (50lpcd)	-Toilet Flush (80 lpcd)
Nightsoil & Waste Treatment	Residential (200 lpcd)	50	75	100	125	150	175	200	225	250	300	350	400	450	500
	Office (80 lpcd)	125	187	250	312	375	437	500	562	625	750	875	1000	1125	1250
	Factory														
	-Cesspool (50 lpcd)	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
	-Toilet Flush (80 lpcd)	125	187	250	312	375	437	500	562	625	750	875	1000	1125	1250
	School														
Nightsoil Treatment Only	-Cesspool (50lpcd)	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
	-Toilet Flush (80 lpcd)	125	187	250	312	375	437	500	562	625	750	875	1000	1125	1250
	University (80 lpcd)	125	187	250	312	375	437	500	562	625	750	875	1000	1125	1250
	Residential (200 lpcd)	166	250	333	416	500	583	666	750	833	1000	1166	1333	1500	1666
	Office (80 lpcd)	166	250	333	416	500	583	666	750	833	1000	1166	1333	1500	1666
	Factory														
	-Cesspool (50lpcd)	333	500	666	833	1000	1166	1333	1500	1666	2000	2333	2666	3000	3333
	-Toilet Flush (80 lpcd)	166	250	333	416	500	583	666	750	833	1000	1166	1333	1500	1666
	School														
	-Cesspool (50lpcd)	333	500	666	833	1000	1166	1333	1500	1666	2000	2333	2666	3000	3333

Lpcd: Liter per capital per day.

Applications

High rise Residential Apartments, Commercial Complexes, Super Malls, Hospitals, Hotels, Hostels, University, Schools, Large Office Buildings, Factory etc.

Information given in good faith but without any warranty



SINTEX INDUSTRIES LIMITED,
PLASTICS DIVISION
KALOL (N. GUJARAT) 382 721. INDIA
Phone : 253500, Fax : (02764) 253800
E-mail : plastic@sintex.co.in
www.sintex-plastics.com