



REACTO[®] EcoSept




Domestic Sewage Treatment Made Easy



Technovation by :
awatech
transforming technologies




REACTO[®] EcoSept

Features & Advantages :






-  Made of premium engineering grade HDPE material which makes it corrosion proof, light weight, robust and impact resistant
-  Designed to be structurally strong using latest simulation and analysis s/w
-  Prefabricated, leak proof seamless unit for fast & easy installation.

High Performance Media :

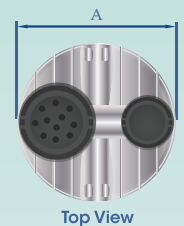
Properties designed for optimal colonization of microbes for complex effluent and domestic wastewater treatment; which helps in the process of :

-  Reduction of BOD, COD & TSS
-  Efficient breakup of suspended solids
-  Fast track the reduction of sludge volume

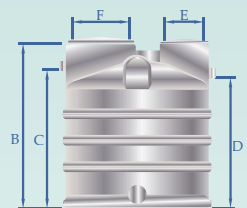
How it Works :

-  Wastewater comes through inlet
-  Solid Materials in Wastewater settle in the sedimentation zone
-  Floating materials floats to the top and trapped in the tank
-  The sludge layer settles & undergoes anaerobic digestion by microorganisms
-  Effluent discharge through media basket in outlet pipe

MODEL	ST 12	ST 27	ST 66	ST87	ST120		
Population Eq. (nos.)	1 - 4	5 - 10	15 - 22	23-55	45-55		
Effective Volume (ltr)	1200	2250	5500	8000	12000		
Inlet/ Outlet dia. (mm)	100	100	100	100	100		
Detention Time (hrs)	24	24	24	24	24		
Weight (kg)	40	70	250	320	500		
				T1	T2	T1	T2
A. Overall Dia (mm)	1200	1500	2240	2240	1500	2240	2240
B. Overall Height (mm)	1725	1775	2430	2430	1775	2430	2430
C. Height to Inlet (mm)	1409	1445	2150	2150	1445	2150	2150
D. Height to Outlet (mm)	1229	1250	2000	2000	1250	2000	2000
E. Desludge cover dia. (mm)	320	410	-	-	410	-	-
F. Filter cover dia. (mm)	600	600	600	600	600	600	600



Top View



Front View

Diagram above is for illustration purposes only and is not to scale.

Alternative inlet positions are provided to suit site requirements.

Effluent to Standard B- Environmental Quality(Sewage and Industrial Effluents) Regulation