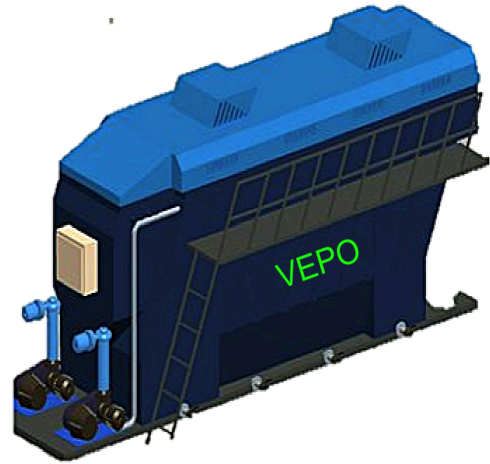


Anodyne Water is a leading turnkey solution provider of water and wastewater treatment systems in India. With its decade old experience and expertise in the Indian industrial, buildings and the government segments, Anodyne Water creates a blend of its industry expertise and advanced engineering technologies to deliver the revolutionary VEPO System.

### Why VEPO STP

Anodyne STP ensures access to the most convenient sewage treatment systems. The ergonomic design with minimum footprint and a portable Anodyne STP maximizes convenience and ease of handling. VEPO STP offers options on Sequential Batch Reactor (SBR) based technology.



### VEPO STP has the capability to treat sewage from:

- Hotels & Hospital
- Institutions & Societies
- Retail Malls
- Automobile Industry
- Chemical Industry
- Metal Pretreatment
- Electroplating
- Textile
- Paper Mills
- Dairies
- Sugar Mill
- Leather Industries
- Petrochemical

### VEPO STP Uniqueness

- Very cost effective: Less in initial Investment
- Stringent quality checks at each stage
- Automization: Manual, Semi – automatic and Fully- automatic
- Compact and proven design: Required very Low foot print
- Components conform to international certifications including NSF, FDA, ASME and CE.
- Quality Components and Mounting items: Special sludge pump and total corrosion free UPVC piping & FP/Epoxy Lined MS, SS tanks
- Recurring Expenses: Economical plant operating cost, required regular treatment chemicals available in the market.

### Technical Specifications

Parameters	Units	Raw Sewage	Secondary Treated Sewage	Tertiary Treated Sewage
pH	-	6.5 – 8.5	6.5 – 8.5	6.5 – 8.5
Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/l	250 – 400	<30	<10
Chemical Oxygen Demand (COD)	mg/l	400 – 700	<250	<100
Total Suspended Solids (TSS)	mg/l	200 – 450	<50	<10
Oil & Grease	mg/l	20 – 40	<10	<2
Coliforms	Nos/100ml	10 <sup>6</sup> – 10 <sup>7</sup>	<100	<100

## ◆ Technical Features

### SBR (Sequential Batch Reactor)

Specifications	VEPO 50	VEPO 100	VEPO 150	VEPO 200	VEPO 250	VEPO 300
Capacity (KLD)	50	100	150	200	250	300
<b>Electro Mechanical module</b>						
Bar Screen	1 No.	2 No.	2 No.	2 No.	2 No.	2 No.
Oil Skimmer	1 No.	1 No.	1 No.	1 No.	1 No.	1 No.
Material and Finish	SS	Civil	Civil	Civil	Civil	Civil
<b>Tank Module</b>						
Components	SBR Tank	SBR Tank	SBR Tank	SBR Tank	SBR Tank	SBR Tank
SBR Tank Dimensions*	30 KL	50 KL	80 KL	120 KL	160 KL	200 KL
Air Blowers*	100 CFM	150 CFM	350 CFM	525 CFM	700 CFM	900 CFM
<b>Filtration Module</b>						
Filter Feed Pump (1 W + 1 S)*	2.5 m <sup>3</sup> /hr @ 35 Mtr Head	5.0 m <sup>3</sup> /hr @ 35 Mtr Head	7.5 m <sup>3</sup> /hr @ 35 Mtr Head	10.0 m <sup>3</sup> /hr @ 35 Mtr Head	12.5 m <sup>3</sup> /hr @ 35 Mtr Head	15.0 m <sup>3</sup> /hr @ 35 Mtr Head
AGF & ACF	3.0 M <sup>3</sup> /Hr	5.0 M <sup>3</sup> /Hr	7.5 M <sup>3</sup> /Hr	10.0M <sup>3</sup> /Hr	12.5 M <sup>3</sup> /Hr	15.0 M <sup>3</sup> /Hr
Material	FRP	FRP	FRP / MSEP	FRP / MSEP	FRP / MSEP	FRP / MSEP
Interconnecting pipes	uPVC/PP with MPV	uPVC/PP with MPV	uPVC/PP with MPV	uPVC/PP with MPV	uPVC/PP with MPV	uPVC/PP with MPV
Hypo Dosing System	1 No.	1 No.	2 No.	2 No.	2 No.	2 No.

\* Above Specifications are subject to change, as per site and design, organic load



Environment Friendly



Minimum Footprint



Easy Maintenance



Plug and Play



Anodyne Service Advantage

**Anodyne**<sup>™</sup>

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