



Electrical comparison chart with conventional system

Sr No	Specification	100 K L D Plant		50 K L D Plant		25 K L D Plant		10K L D Plant	
		Other	Innova	Other	Innova	Other	Innova	Other	Innova
1	Total unit / day	246	71.5	129.6	32.64	88.6	18.52	42.8	8.72
2	Units per year	89790	26098	47304	11914	32339	6759.8	15622	3183
3	Cost per year (Rs 9 / unit)	808110	234878	425736	107222	291051	60838.2	140598	28645
	Saving in Rs/yr		573233		318514		230213		111953



A company with **BIG** ideas !

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With new and improved Features

Space

Require Less area against conventional

Shock-Absorbing Capacity

In RBC technology, microorganisms are attached to media and not in suspension, making it more stable against washout due to sudden changes in flow or BOD.

Aesthetic

Compact and Covered. Sewage is not visible from any point of view.

Safety

Conventional aerobic digester need 10 to 13 ft high tanks with open top end for inspection and maintenance. Hence, more risk is involved if somebody falls in accidentally. In RBC technology water depth is hardly 3 ft with covered hood from all side making it safer.

Performance

Sludge is removed at every stage without any disturbance reducing the load on filters and backwash, enhancing the quality of water.

Odour

Aeration is done through rotating media. No air blower or compressed air is used. Hence, no odour or hazardous Bioaerosol are generated.

Noise

Rotating drum RPM is too low (1.2-2.0rpm) creating unnoticeable noise.

Up-gradation

The whole system is modular and can be easily upgraded to a higher capacity.

Flexibility

This unit is free-standing and can be moved from one place to another.

Our Installations

New Admin building Mantralay | Sarang secretariate building | College of Engineering Pune | Army base camp Akhnoor & Poonch at J&K | Avsari Engineering College | Ratnagiri Civil Hospital | Nurses Hostel Ratnagiri | Cipla Palliative Care | Council Hall Pune

All water solution under one roof

Water Softener, D.M. Plant, Mineral Water Plant & R.O.Plant, E.T.P & Z.L.D.

Process

The treatment process is turbulence-free. Heavier sludge is settled and collected in RBC, Tube Settler, Settling Tank and then transferred to Sludge Drying Bed.

Maintenance

Low, easy, and economical maintenance, no need of skilled worker.

Environment

In absence of odor and aerosol, surrounding is clean and comfortable.

Civil Construction

No need of heavy foundation & big water tank. Only platform with minimum reinforcement is enough to support R.B.C. It can also be placed on raw sewage collection tank.



Innova Auto Dispenser

This unique equipment designed on weight and time sensing saves remarkable power and working hours of raw sewage pump enhancing the life of pump most suitable for plants below 75 KLD.

Economy

Low maintenance, low operation cost, less power consumption makes it far more economical than a conventional plant.

M.L.S.S.

No need to pump activated sludge back to the Aeration Basin.

Operation

Aeration is done inline with the flow. Convertible to full automatic with some equipment and control panel. Easy to operate. No skilled operator and batch control are required.