Advanced
SEWAGE TREATMENT SYSTEM

electrochemical based sewage treatment

RT PURE Sewage Treatment system successfully eliminate the persistent pollutants from sewage using synergistic combination of electrocoagulation, electro-chemical oxidation and electro-flotation processes. RT PURE System has been powered by two electrochemical reactors - PIXECELL for electro-coagulation / electro-flotation and ELECTROGEN for electro-oxidation that converts the sewage water to clean and safe re-usable water.
Applications
Treats & disinfects the water for

- Railways
- Airports
- Single-family homes
- Clustered subdivisions
- Residential Colonies
- Municipalities
- Restaurants
- Schools
- Recreational Vehicles
- Mobile-home parks
- Office parks
- Resorts and hotels
- Golf courses
- Shopping centers
- Grocery stores
- Camps for refugees
- Military Camps
- Hospitals & Health Centers

Commercial Systems
SKID MOUNTED + CIVIL TANK + FILTER PRESS

<table>
<thead>
<tr>
<th>Model</th>
<th>Design Capacity (Litres/Hour)</th>
<th>Plant Capacity (KLD)</th>
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Contact
RT SafeBallast Private Ltd.
1/64, 1st Main Road, Indira Nagar,
Vengaivasal, Chennai 73. INDIA

Phone: +91 44 22781951 /1952
technical@rtballast.com
www.rtpure.com
RT PURE STP SKID MODEL

1. ELECTRO-COAGULATION REACTOR - PIXECELL
2. ELECTRO-OXIDATION REACTOR - ELECTROGEN
3. CONTROL PANEL
4. ACTIVATED CARBON FILTER (ACF)
5. DUAL MEDIA FILTER (DMF)
6. TREATED WATER STORAGE TANK
7. VENT
8. EQUALIZATION TANK
9. PIXECELL SETTLING TANK
10. ELECTROGEN SETTLING TANK
11. SALT ADDITION PORT
12. PUMPS
13. WATER FILTER
14. LEVEL SENSORS

Electrochemical-based
TYPICAL SEWAGE TREATMENT PLANT

Water from sewage tank
Electrochemical Reactors

Control Unit

* STAINLESS STEEL CABINET FOR EASY CLEANING
* AUTOMATIC OPERATION
* PROTECTED CONTROL PANEL

ECO Models

Model
RT PURE D 1.2
RT PURE D 2.4
RT PURE D 4.8
RT PURE D 7.2
RT PURE D 10

Design Capacity (Litres/Hour)
50
100
200
300
425

Plant Capacity (KLD)
1.2
2.4
4.8
7.2
10.0

RT PURE ECO Models are self-contained, continual feed electrochemical systems which turn domestic waste water into clean reusable water or for safe discharge into drain.

Benefits
- LOW OPERATING COST
- REQUIRES LOW POWER
- LOW CAPITAL COST
- LESS SPACE REQUIRED
- CONSISTENT & RELIABLE RESULTS
- SUITS FOR REMOTE LOCATIONS
- REUSE OF WATER FOR MULTI APPLICATIONS
- ODOUR FREE
- NO CHEMICALS REQUIRED
- NO TERTIARY TREATMENT
- OFFER PATHOGEN/ BACTERIA FREE WATER
- MINIMUM SLUDGE
- COLOR REMOVAL
- NOISELESS CONTINUOUS PROCESS
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Benefits

- Odour Free
- No Chemicals Required
- No Tertiary Treatment
- Offer Pathogen / Bacteria Free Water
- Minimum Sludge
- Color Removal
- Noiseless Continuous Process
- Low Operating Cost
- Requires Low Power
- Low Capital Cost
- Less Space Required
- Consistent & Reliable Results
- Suits for Remote Locations
- Reuse of Water for Multi Applications
Contact
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1/64, 1st Main Road, Indira Nagar,
Vengaivasal. Chennai 73. INDIA
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Dealers / Agents