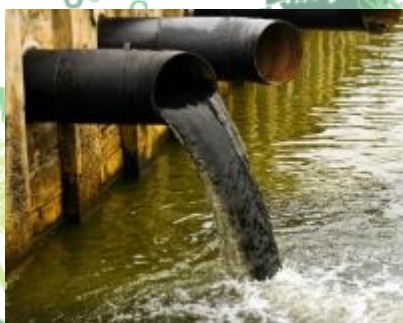


pure[®] electrochemical-based
ADVANCED SEWAGE TREATMENT SYSTEM

www.rtpure.com





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

Model	Design Capacity (Litres/Hour)	Plant Capacity (KLD)
RT PURE C 15	625	15.0
RT PURE C 20	850	20.0
RT PURE C 25	1050	25.0
RT PURE C 50	2100	50.0
RT PURE C 75	3125	75.0
RT PURE C 100	4200	100.0
RT PURE C 125	5200	125.0
RT PURE C 150	6250	150.0
RT PURE C 200	8500	200.0
RT PURE C 300	12500	300.0
RT PURE C 400	16700	400.0
RT PURE C 500	21000	500.0
RT PURE C 1000	42000	1000.0

Contact

RT SafeBallast Private Ltd.
1/64, 1st Main Road, Indira Nagar,
Vengaivasal. Chennai 73. INDIA

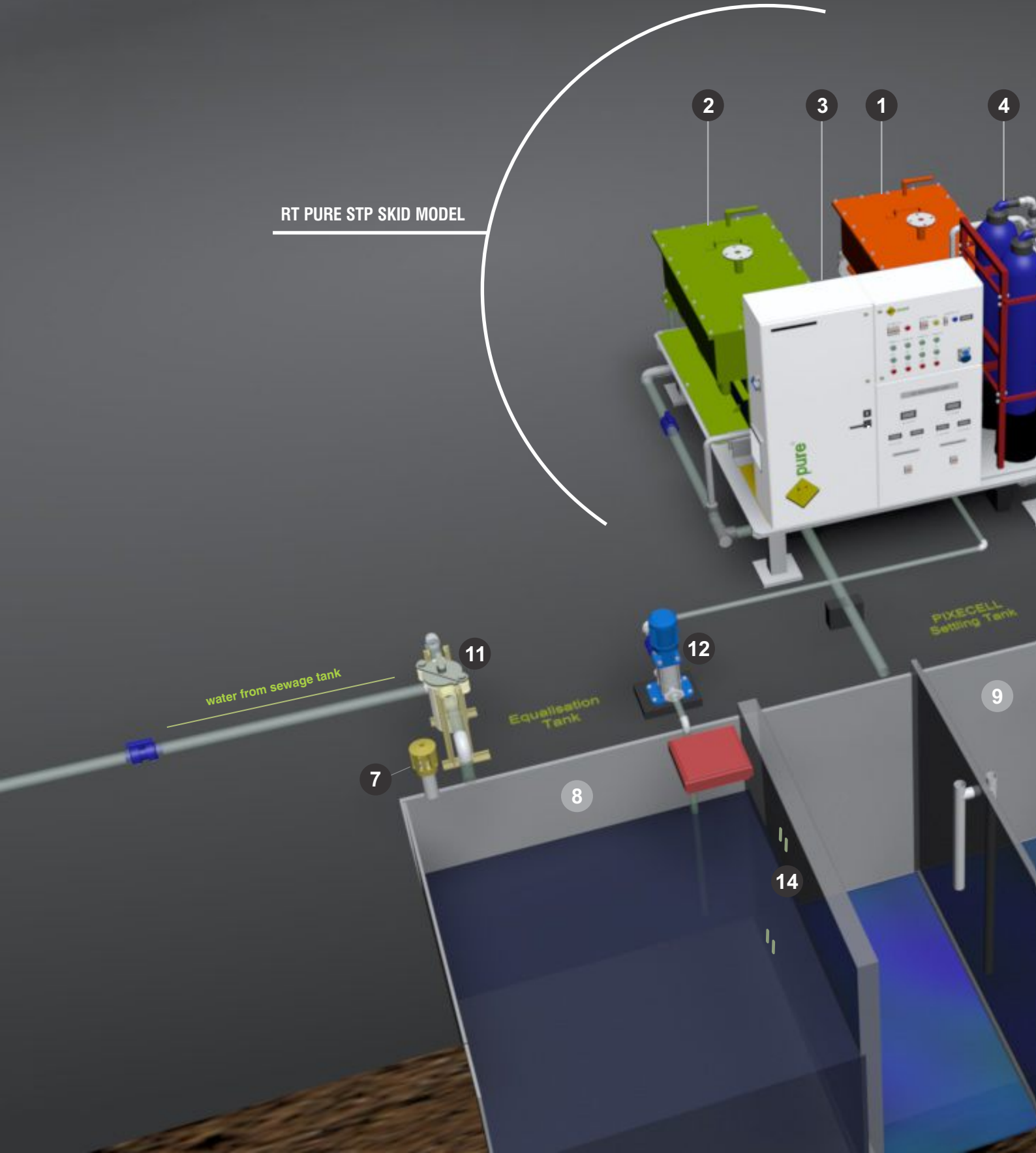
Phone : +91 44 22781951 /1952
technical@rtballast.com

www.rtpure.com



electrochemical-based
TYPICAL SEWAGE TREATMENT PLANT

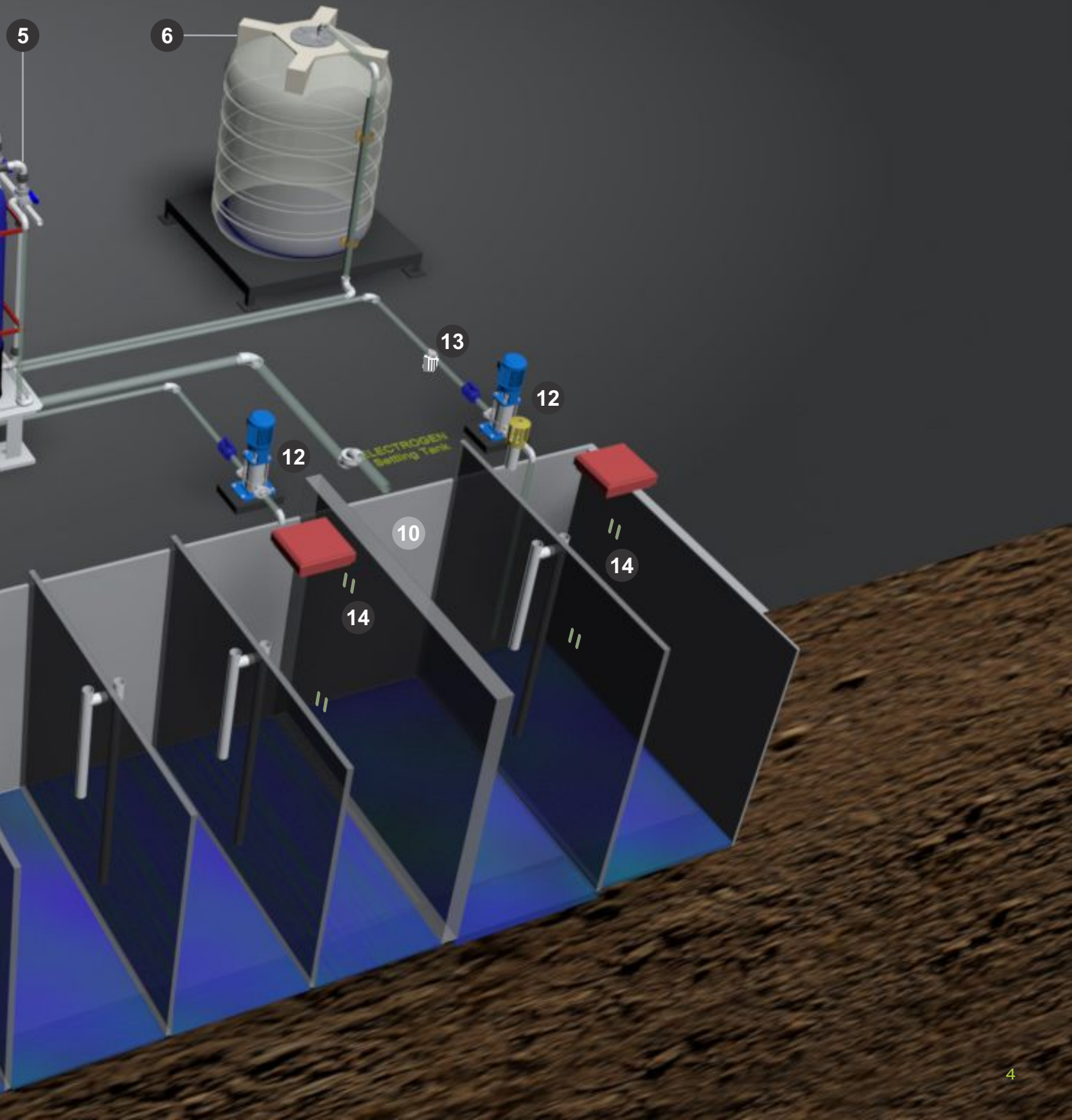
RT PURE STP SKID MODEL



- 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



REDUCE
REUSE
RECYCLE



Control Unit

Electrochemical Reactors

* STAINLESS STEEL CABINET FOR EASY CLEANING

* AUTOMATIC OPERATION

* PROTECTED CONTROL PANEL

RT pure[®] ECO Models

For Domestic Applications

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.

Model	Design Capacity (Litres/Hour)	Plant Capacity (KLD)
RT PURE D 1.2	50	1.2
RT PURE D 2.4	100	2.4
RT PURE D 4.8	200	4.8
RT PURE D 7.2	300	7.2
RT PURE D 10	425	10.0



Benefits

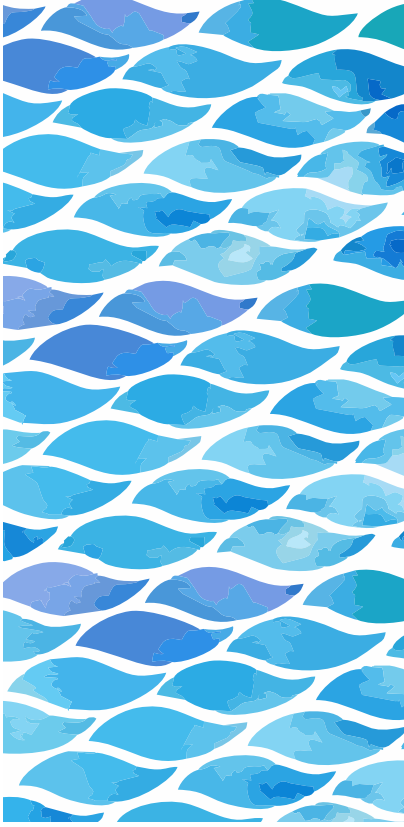
- ODOUR FREE
- NO CHEMICALS REQUIRED
- NO TERTIARY TREATMENT
- OFFER PATHOGEN/ BACTERIA FREE WATER
- MINIMUM SLUDGE
- COLOR REMOVAL
- NOISELESS CONTINUOUS PROCESS
- LOW OPERATING COST
- REQUIRES LOW POWER
- LOW CAPITAL COST
- LESS SPACE REQUIRED
- CONSISTENT & RELIABLE RESULTS
- SUITS FOR REMOTE LOCATIONS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

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Contact

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Dealers / Agents

