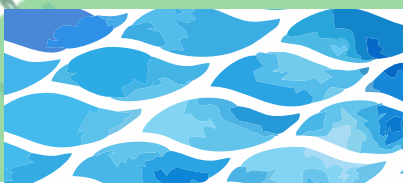


**pure<sup>®</sup>** electrochemical-based  
ADVANCED SEWAGE TREATMENT SYSTEM



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, 1<sup>st</sup> Main Road, Indira Nagar,  
Vengaivasal. Chennai 73. INDIA

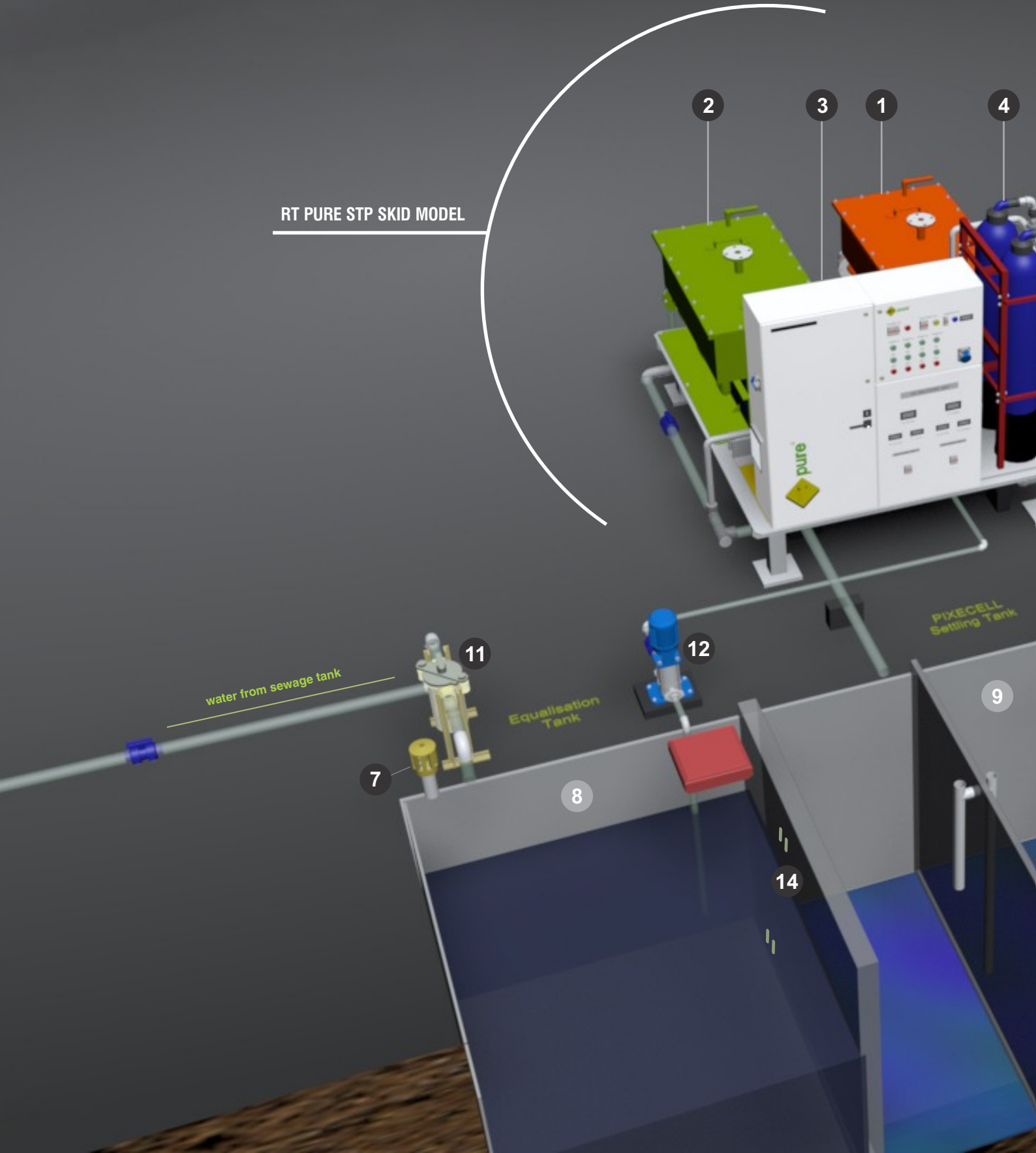
Phone : +91 44 22781951 /1952  
[technical@rtballast.com](mailto:technical@rtballast.com)

[www.rtpure.com](http://www.rtpure.com)



# electrochemical-based TYPICAL SEWAGE TREATMENT PLANT

RT PURE STP SKID MODEL

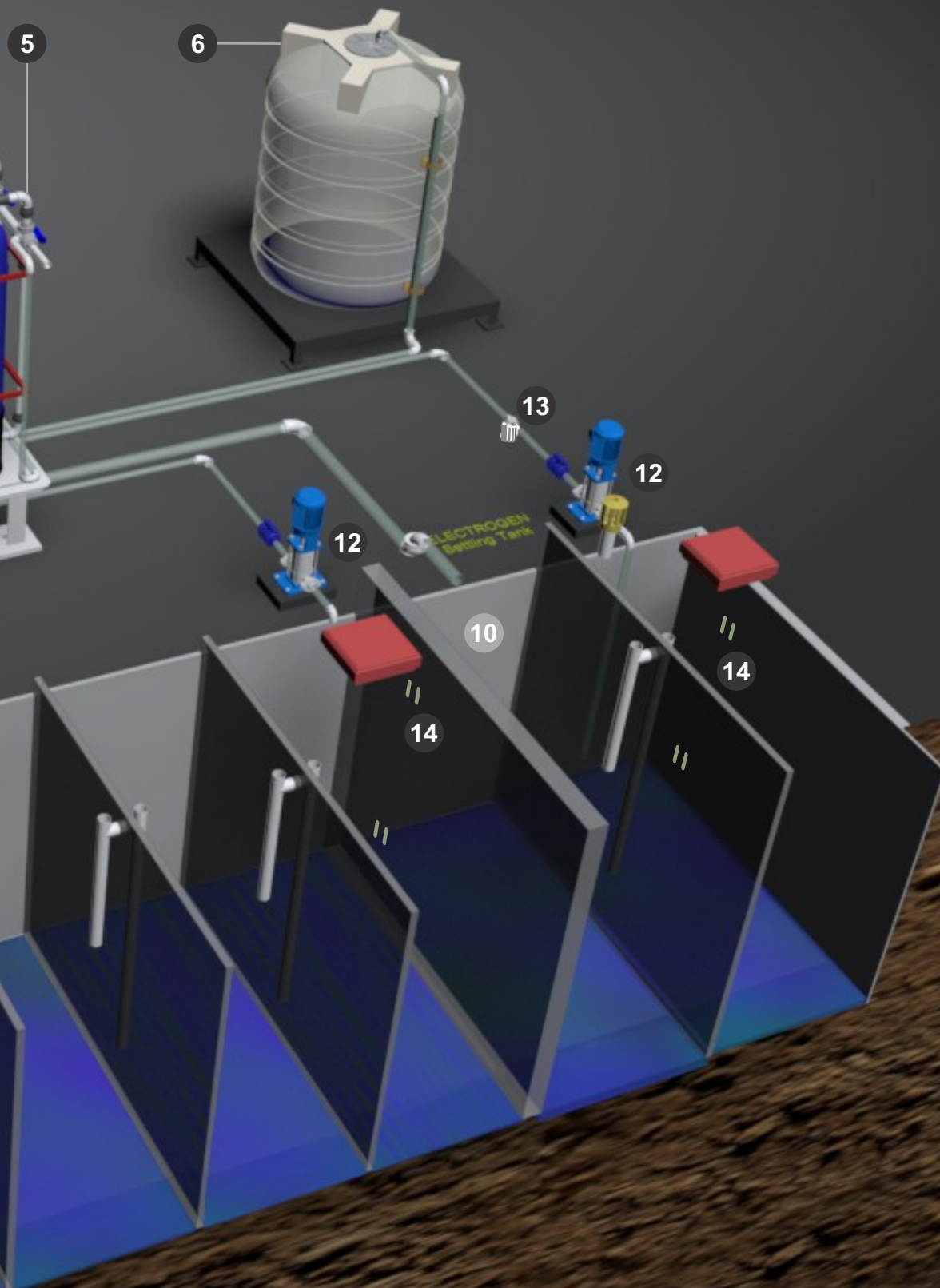




- 1 ELECTRO-COAGULATION REACTOR - PIXECCELL
- 2 ELECTRO-OXIDATION REACTOR - ELECTROGEN
- 3 CONTROL PANEL
- 4 ACTIVATED CARBON FILTER (ACF)
- 5 DUAL MEDIA FILTER (DMF)

- 6 TREATED WATER STORAGE TANK
- 7 VENT
- 8 EQUALIZATION TANK
- 9 PIXECCELL SETTLING TANK
- 10 ELECTROGEN SETTLING TANK

- 11 SALT ADDITION PORT
- 12 PUMPS
- 13 WATER FILTER
- 14 LEVEL SENSORS





REDUCE  
REUSE  
RECYCLE



RECYCLE



Control Unit

Electrochemical Reactors

\* STAINLESS STEEL CABINET FOR EASY CLEANING

\* AUTOMATIC OPERATION

\* PROTECTED CONTROL PANEL



# **RT pure<sup>®</sup> 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



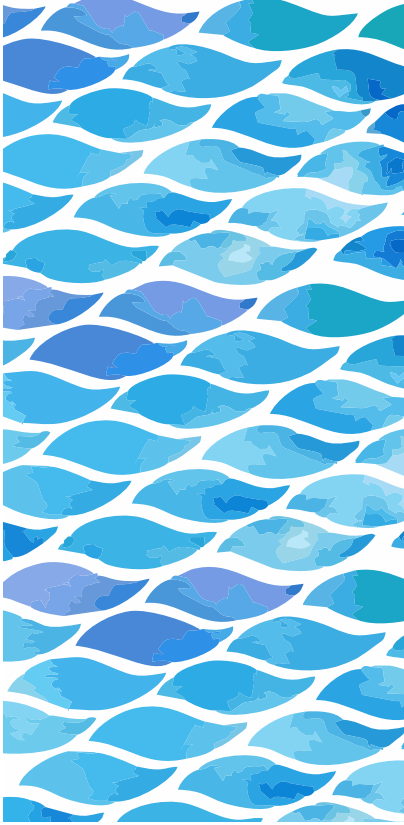
## Benefits

- 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

## Contact

**Noble Eco Systems Pvt. Ltd.**  
1/89, 1<sup>st</sup> Main Road, Indira Nagar,  
Vengaivasal. Chennai 73. **INDIA.**

**Ph : +91 44 22781951 /1952**  
**[sales@noblechlor.com](mailto:sales@noblechlor.com)**



## Dealers / Agents

