



www.rteco.in



**EEO**  
electrochemical  
EFFLUENT TREATMENT SYSTEM

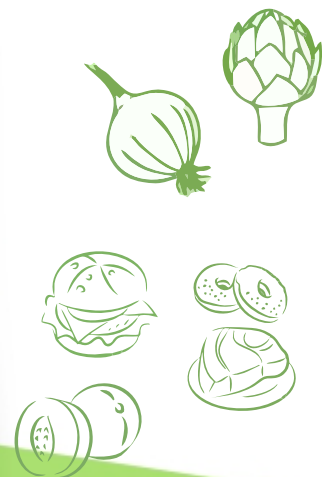
Leachate **food digester**

WASTEWATER TREATMENT SYSTEM





# electrochemical leachate treatment system

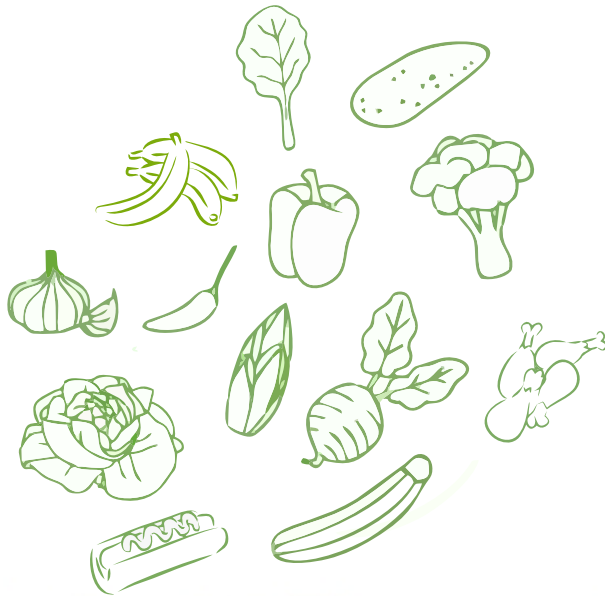


**RT ECO Leachate Treatment system**  
is designed to **treat leachate and reclaim water for reuse.**  
RT ECO systems are available as portable or modular or  
containerized or as large permanent systems.



## Features

- Small Footprint
- Fully Automated
- Odourless and colourless reclaimed water
- Minimal sludge generation
- Durable and non-corrosive components
- Noiseless operation
- High efficiency in COD, BOD, nutrient removal
- 100% disinfection (zero bacteria in reclaimed water)
- Meets environmental regulations



## Models

Model	Treatment Capacity (KLD)	Treatment Capacity (Liters/hour)
RT ECO 1.5	1.5	65
RT ECO 2.0	2.0	85
RT ECO 7.0	7.0	300
RT ECO 10.0	10.0	420



**Lechate**

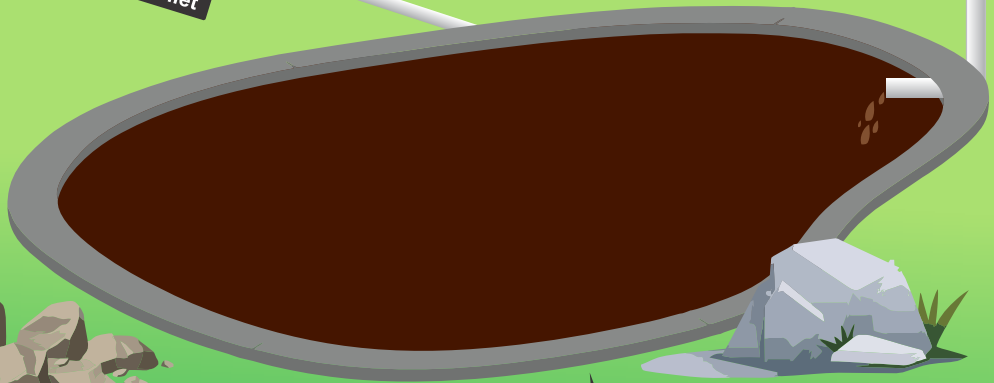
Soaks into the surrounding ground and contaminates the groundwater



Treated Water

Effluent Inlet

RT ECO System



Lechate Pond



Leachate causes significant threat to surface and groundwater which would endanger our drinking water resources and imperil the aquatic ecosystem.

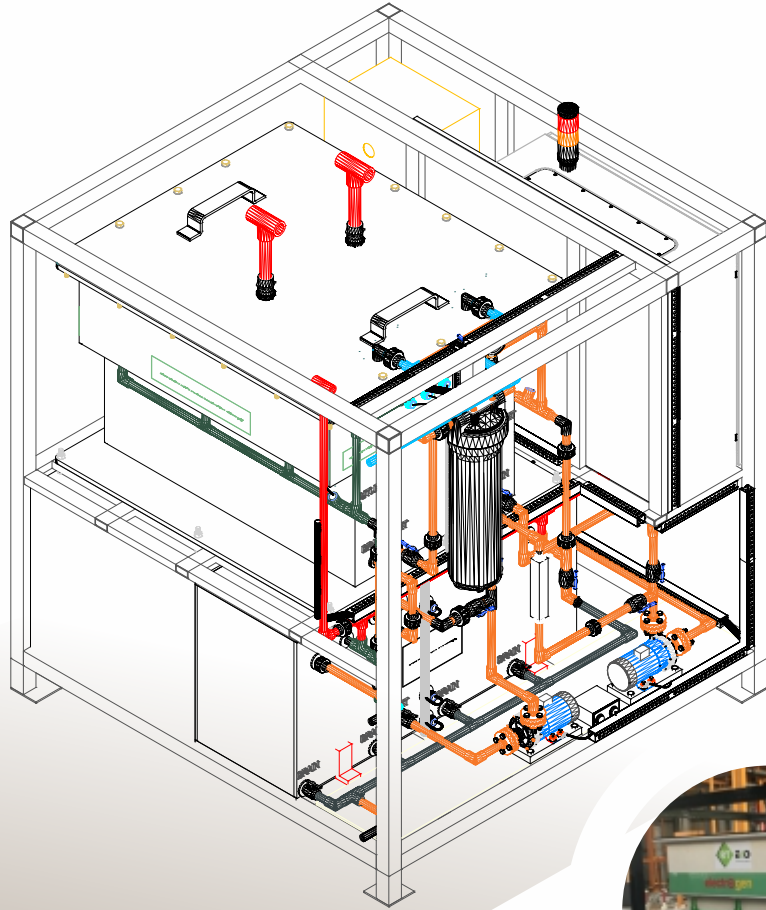
**RT ECO** electrochemical effluent treatment system is a plug and play, fully automatic food waste digester effluent treatment systems which offers reliable and consistent treatment of heavy organic contamination (both biodegradable and non-biodegradable), resulting in efficient removal of COD, BOD, nutrients, color and odour.

RT ECO electrochemical effluent treatment system comprises electro-coagulation as primary treatment and electro-oxidation as secondary treatment processes.

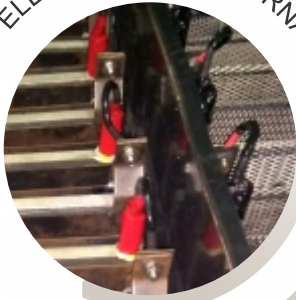
With **RT ECO System**, leachate of high organic load and odour is treated and discharged as reclaimed water suitable for reuse or for discharge complying with environmental regulations.



# Rear View



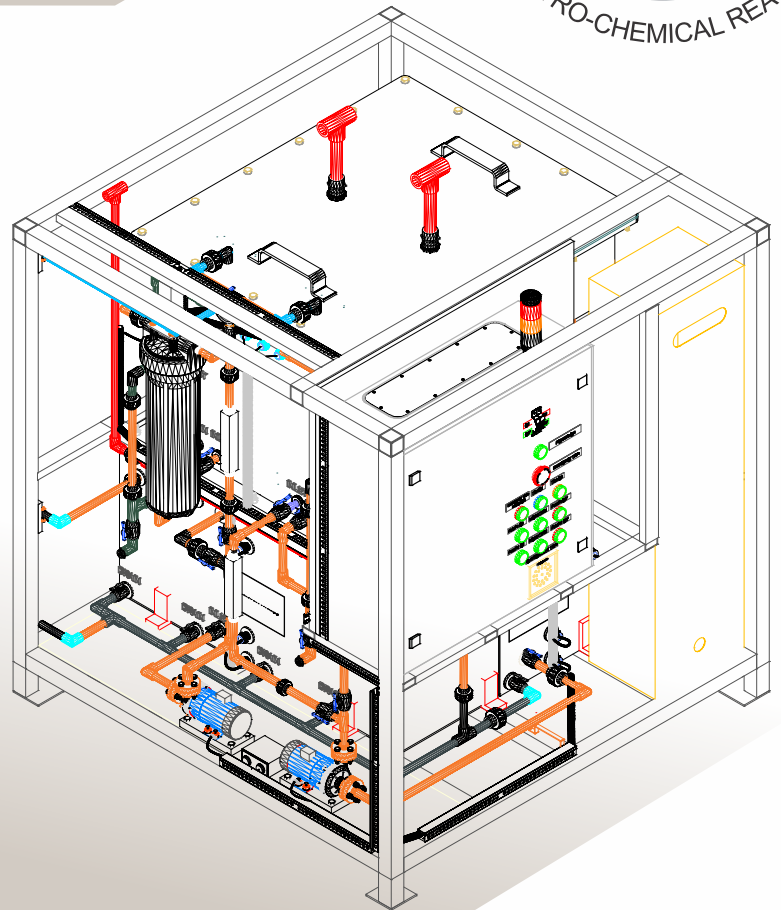
ELECTROLYZER INTERNAL



ELECTRO-CHEMICAL REACTORS



# Front View



CONTROL PANEL



**RT ECO**, electrochemical effluent treatment systems are fully automatic, skid mounted, designed for continuous operation which converts effluent into reusable water.



**1** Electrolyzers - for Electro-coagulation and electro-oxidation

**2** Day Tank

**3** Control Panel

## Benefits

- PLUG & PLAY SYSTEMS
- INSTANT START / STOP OPERATION
- ODOUR FREE
- NO CHEMICALS REQUIRED
- OFFER PATHOGEN/ BACTERIA FREE WATER
- MINIMUM SLUDGE
- COLOR REMOVAL
- LOW OPERATING COST
- REQUIRES LOW POWER
- NOISELESS CONTINUOUS PROCESS
- LESS SPACE REQUIRED
- CONSISTENT & RELIABLE RESULTS
- SUITS FOR REMOTE LOCATIONS
- REUSE OF WATER FOR MULTI APPLICATIONS

www.rteco.in

## Contact

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

Ph : +91 44 22781951 /1952  
sales@noblechlor.com  
rteco@noblechlor.com

## RT Solutions Pte Ltd

No.237 Pandan loop,  
#04-07 Westech Building,  
Singapore 128424.

Ph : +65 67785598  
sales@rtsolutions.com.sg



## Dealers / Agents

