



www.rteco.in



## Slaughterhouse WASTEWATER TREATMENT SYSTEM





# Slaughterhouse

# Wastewater treatment Plant



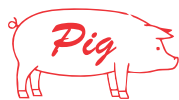
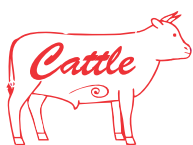
## Models

Model	Treatment Capacity (m <sup>3</sup> /day)	Flow Rate (Liters/hour)
RT ECO SH-50	50	2,100
RT ECO SH-100	100	4,200
RT ECO SH-250	250	10,500
RT ECO SH-600	600	25,000
RT ECO SH-1000	1000	42,000

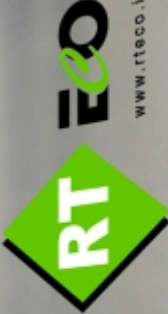




**RT ECO Slaughterhouse** Wastewater Treatment System is designed to **treat slaughterhouse wastewater containing high organic matter, pathogenic bacteria, bad odour and reclaim water for reuse.**




**Slaughterhouses equipped with RT ECO Slaughterhouse Wastewater Treatment System can Save 75 to 80 % of fresh water through recycling .**



**Advanced**  
Effluent Treatment System



www.rteco.in



Discharge of Untreated Slaughterhouse wastewater causes significant threat to surface and ground water which would endanger our drinking water resources and imperil the aquatic ecosystem.

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

RT ECO Slaughterhouse Wastewater Treatment System treats wastewater originating from cattle, goat, sheep, pig and poultry slaughterhouses with high organic load and odour.

The treated water is suitable for reuse or for discharge complying with environmental regulations.



SLAUGHTER HOUSE  
**WATER**  
USE DAILY

**454**  
liters per  
**PIG**

**272**  
liters per  
**CATTLE**

**45**  
liters per  
**SHEEP  
/ GOAT**

**10 LITERS**  
**PER KG MEAT**



**80%**  
PERCENT

**FRESH  
WATER**

**CAN BE RECLAIMED FROM  
SLAUGHTERHOUSE WASTEWATER  
AND REUSED AGAIN USING**





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

### Input - Output Parameters for RT ECO Slaughterhouse Wastewater Treatment Plant

Parameter	Wastewater (Raw Effluent)	Treated water
pH	6.5 - 7.0	6.0 - 9.0
COD (mg/L)	upto 5000	40 - 125
TSS (mg/L)	upto 3000	5-50

### Unique Features

- Plug & play system
- Fully automated
- Instant start/stop operation
- Small foot print
- Low operating cost
- Requires low power
- No chemicals required
- Odour-free and noiseless operation
- Durable and non-corrosive components
- Suitable for remote locations
- Consistent and reliable results
- Odourless & colourless treated water
- High efficiency in COD, BOD, pollutant removal
- 100% disinfected treated water (bacteria-free water)
- Very low sludge generation
- Produces reusable water
- Meets environmental regulations

## 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

