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**ECO**  
electrochemical  
EFFLUENT TREATMENT SYSTEM

## Car / Truck Wash WASTEWATER TREATMENT SYSTEM





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# Car/ Truck Wash

## Wastewater Treatment System



### Car Wash WTP Models

Model	Treatment Capacity (m <sup>3</sup> /day)	Flow Rate (Liters/hour)
RT ECO CW-6	6.0	250
RT ECO CW-12	12.0	500
RT ECO CW-72	72.0	3000



### Truck Wash WTP Models

Model	Treatment Capacity (m <sup>3</sup> /day)	Flow Rate (Liters/hour)
RT ECO TW-0.25 MLD	250.0	10,000
RT ECO TW-0.5 MLD	500.0	20,000
RT ECO TW-1 MLD	1000.0	40,000





RT ECO System

**RT ECO Car/Truck Wash wastewater Treatment system** is designed to **treat and remove pollutants** such as **Dirt, Oil & grease , Surfactants** and to **reduce Chemical Oxygen Demand (COD)** and **reclaim water for reuse**.

**Car wash facilities equipped with RT ECO electrochemical car wash waste water treatment systems save 75 to 80 % of fresh water through recycling. The reclaimed water can be reused safely for car wash.**



## Contact

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Car wash wastewater, when discharged untreated would endanger our drinking water resources and imperil the aquatic eco system.

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

With **RT ECO System**, car wash wastewater with high pollutant, bad colour and odour could be treated and the reclaimed water is suitable for reuse/recycling as per discharge complying with environmental regulations.



ELECTROCHEMICAL REACTOR -INTERIOR



CONTROL PANEL

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# WATER

USE  
PER CAR / TRUCK WASH

50  
LITERS

SMALL  
CAR/ TRUCK

200  
LITERS

MEDIUM TRUCK

800  
LITERS

LARGE TRUCK

RECYCLE  
REUSE  
WATER



80%  
PERCENT

# FRESH WATER

CAN BE RECLAIMED  
FROM CAR / TRUCK WASH  
AND REUSED AGAIN USING

RT **eco**





**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 Car/Truck Wash Wastewater Treatment Plant

Parameter	Wastewater (Raw Effluent)	Treated water
pH	6.0 - 8.0	6.0 - 8.0
COD (mg/L)	upto 500	≤ 250
TSS (mg/L)	upto 2000	≤ 20
Oil & Grease (mg/L)	upto 800	≤ 10

### 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



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## Contact

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## Dealers / Agents

