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**Aquaculture**  
**WASTEWATER TREATMENT SYSTEM**





# AquaCulture

## Wastewater treatment Plant



### Models

Model	Treatment Capacity (L/day)	Flow Rate (Liters/hour)
RT ECO-FC-50 KLD	50000	2100
RT ECO-FC-100 KLD	100000	4200
RT ECO-FC-500 KLD	500000	21000
RT ECO-FC-1.0 MLD	1000000	42000
RT ECO-FC-6.0 MLD	6000000	250000

Advanced

### Effluent treatment Plant

RT ECO, electrochemical WWTP reduces the concentration of suspended solids (SS), COD, BOD, total nitrogen and total phosphorus in the outlet from the aquaculture facility. RT ECO wastewater treatment technology eliminates and minimize the pollutants from the composition of wastewater produced by the particular fish production facility.





RT ECO Aquaculture Wastewater Treatment system is designed to treat Aquaculture wastewater containing suspended solids (SS), Chemical Oxygen Demand (COD), Biological Oxygen Demand (BOD), total nitrogen and total phosphorus and release clean water into the environment for the protection of the aquatic environment and reuse of water sources.

**Aqua Culture farm equipped with RT ECO,  
Advanced electro chemical Wastewater treatment Plant  
can save 75 % to 80 % of fresh water through recycling.**





1



2



1



3



5



4

1 400 KLD Aquaculture Wastewater Treatment Plant. 2 Electrochemical Reactors  
3 Control Panel 4 Aquaculture Water intake 5 Water Outlet After Treatment



## Unique Features

- Plug & play system
- Fully automated
- Instant start/stop operation
- Low 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

# AQUACULTURE WATER

**80%**  
PERCENT

**FRESH  
WATER**

CAN BE

**RECLAIMED  
AND REUSED**

FROM

**AQUACULTURE  
WASTEWATER**



**RECYCLE  
REUSE  
WATER**





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

### Input - Output Parameters for RT ECO Aquaculture Farm Wastewater Treatment Plant

Parameter	Wastewater (Raw Effluent)	Treated water
pH	5.5 - 7.0	5.5 - 9.0
COD	upto 7500	≤ 300
SS	upto 3000	≤ 150

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## Contact

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## Dealers / Agents

