



LIVWATER
For Today & Tomorrow!



**SUSTAINABLE WATER
SOLUTION TO HOMES...**

CLOUD RIVER TECHNOLOGIES PRIVATE LIMITED



26, Shraavanthi Oakridge, Adarsha Layout, Lingadeeranahalli,
BSK 6th Stage, Bangalore - 560 109

+91 63645 60409 / 96631 23182

✉ sales@cloudrivertechnologies.com

🌐 www.cloudrivertechnologies.com

OUR STORY...

Cloud River Technologies, a progressive waste management company focussed on saving valuable water resources by treating and recycling wastewater to fresh clean water for reuse.

A team of Technical and Management professionals with combined local and global experience of over 100 years.

Our innovative water saving technology that can potentially save up to 60% of your daily fresh water consumption.

The technology was developed in Australia more than a decade ago and is a proven approved technology in greywater recycling in Australia.

OUR ADVANTAGE...

Treatment Systems assembled locally using quality components sourced locally and globally. Systems installed by our own technicians and maintained throughout the product life cycle.

TREATMENT PROCESS...

The household Greywater enters the system via an inground collection tank where it is filtered to remove particles. The liquid is then treated in a trickle bed bioreactor located within this tank. It is then pumped to a cylindrical tank mounted on top of the trickle bed. It flows through a fine membrane under gravity and an ultra-violet light (UV) for disinfection into a water tank.

An air blower provides air for automatic cleaning of membranes and removing dirt/sludge. Treated water is periodically pumped out of the system.

Solids removed during the process are returned to the collection tank and then to the system overflow.

OUR INNOVATION !

FEATURES...

BENEFITS...

Turns wastewater into recycled water

Treatment and recycling of Domestic Greywater (including kitchen wastewater) for reuse in the home, including toilet flushing, clothes washing, car washing and garden irrigation. Saves up to 60% of fresh water.

Sleek and Compact Design

Fits into a small space – Generally can be positioned next to the residential building/s.

Modern Design

The model compliments rather than dominating can be installed next to the residential environment which requires a small footprint .

Latest Technology with Remote Monitoring

High water quality results attributable to the use of innovative biological trickle-bed reactor, membrane filtration and ultraviolet treatment processing. System equipped with mobile dial out system (if required) for remote monitoring.

Ease of Use

Turn it on and stand back – no need for attention between regular six monthly services.

Compact Design

Ease of installation – Small underground tank is required to collect grey water, and a single external power point is all that is required to connect the system.

Reliability and Serviceability

Quality components with minimum moving parts. Easy access to components for 6-monthly service required.

Quiet Operation and Minimum Costs

No intrusive noise, only a gentle bubbling only when the unit is cycling. Short and long-term savings – Equivalent to one 60w light bulb running all day (1.5 kwh per day approx.).

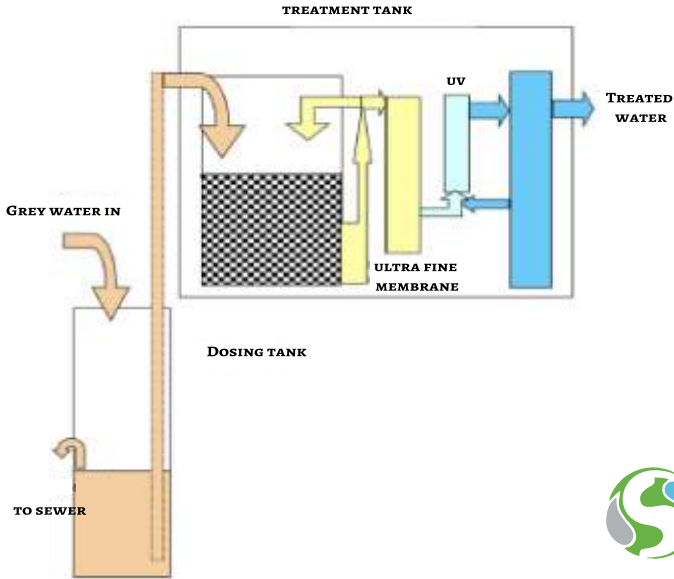
No Harmful Chemicals

Does not use chlorine or other chemicals which are toxic to plants and the environment.

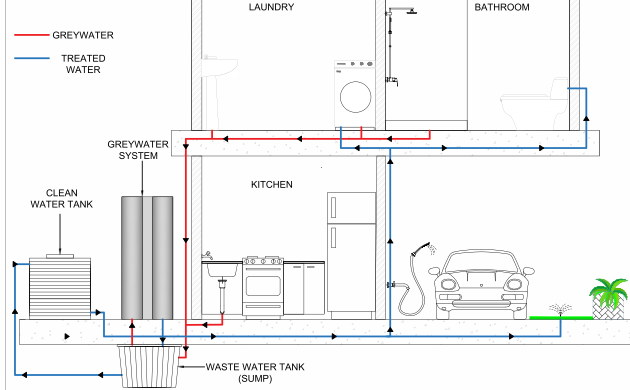
Treatment Unit Dimension

700mm (width) X 350mm (depth) X 1800mm (High).

SCHEMATIC PROCESS !



DOMESTIC GREYWATER SYSTEM



CONCEPT PLAN



WATER QUALITY INDEX

Parameters	Outlet	Outlet
BOD (Bio Oxygen Demand)	<10mg/l	99%
SS (Suspended Solids)	<5mg/l	99%
TKN (Total Kjeldahl Nitrogen)	<10mg/l	95%
TP (Total Phosphorous)	<10mg/l	74%
TN (Total Nitrogen)	<10mg/l	95%
E-Coliform	<5cfu/100ml	99.9%