

Essential Treatment. Affordable Cost.

Ecolyne, a brand by Aquatechnics, carries forward a legacy of precision engineering and proven results. At Ecolyne, we believe that clean water and compliant wastewater treatment should be accessible, not aspirational. Ecolyne solutions are engineered for sustainability, optimized for performance, and designed to be cost-effective - without compromising on Treated Water standards.

Up to 50%
Reduction in Energy
Consumption

Up to 50%
Cost Reduction in
Civil Construction

Up to 25%
Faster
Installation

30-100%
Wastewater
Reuse



Sustainable & Highly Economical Solutions

Safe Water is a right for all.

Through Ecolyne, we deliver compact, economical STP and WTP solutions for decentralised systems, ensuring safe water and compliant wastewater treatment without compromising environmental standards. Through smart engineering, optimised design, and carefully selected cost-effective components, we provide reliable treatment keeping capital and operating costs low.

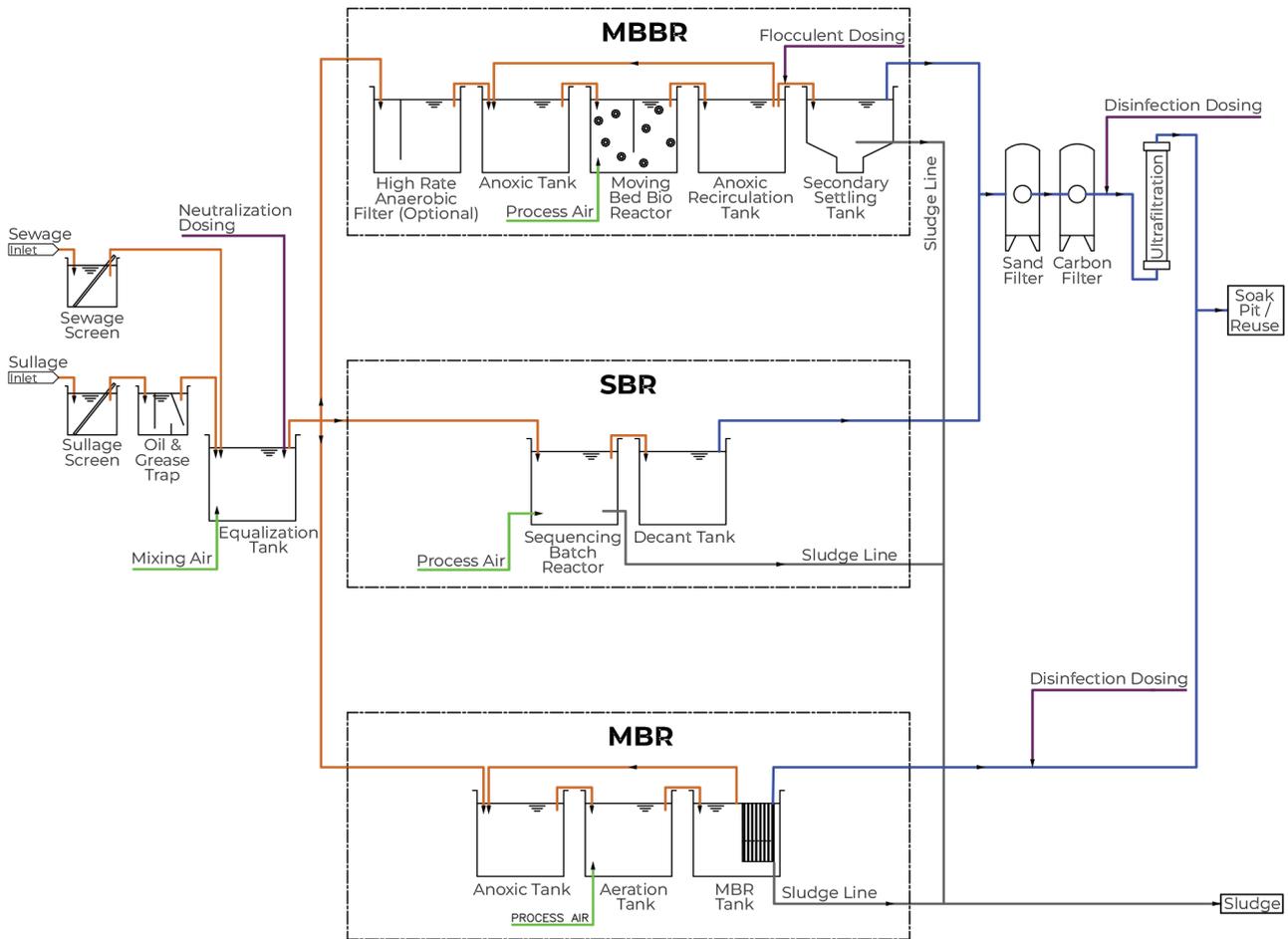
Ecolyne Brand Offerings

- Wastewater Treatment
- Decentralized SBR & MBBR Systems
- Prefabricated STPs
- Oil & Grease Removal Units
- Ecolyne Induced Air Flotation
- Sand & Carbon Filtration
- Iron & Manganese Removal Units
- Softening & DM Plants
- Skid Mounted RO / UF Units
- Retrofitting & Capacity Enhancement
- DEWATS
- Home scale WTPs

How we achieve Economy



- Optimized Engineering from 15+ Years of Aquatechnics Expertise
- Intelligent Component Selection to maintain economy
- Streamlined Operations & Installation Learnings from 200+ Aquatechnics Plants
- Simplified Process with Minimum Automation to maintain economy
- No Compromise on regulatory compliance procedures



MBBR

- Works based on Attached growth of Aerobic Bacteria on Imported Virgin HDPE high specific surface Biomedia
- Resistance to Temperature changes
- No Sludge Recirculation Required, only Nitrate recirculation for Denitrification where applicable
- Quaternary Ultrafiltration Plants are included in the package as per requirement.
- Basic to moderate requirements in Capex, Automation & Opex

SBR

- Works on sequentially arranged automated FILL- AERATE - SETTLE - DECANT cycles in the same tank.
- Reduces tank volume requirements in small scale plants as the number of tanks are less, making construction simpler.
- Extremely Cost Effective for capacities below 20 KLD
- Quaternary Ultrafiltration Plants are included in the package as per requirement.
- Moderate requirements in Capex, Automation Dependant & Reduced Opex

MBR

- Works based on modern Immersed Ultrafiltration Membrane Bioreactor System, as a combination of activated sludge and membrane filtration with 0.04 μm standard pore size average.
- Ultra-compact and least space requirement while giving excellent output quality
- Requires no other clarifier or filters, can be fully automated
- Moderate to high requirements in Capex, Automation & Opex

Prefabricated Small Scale STPs

Ideal For

- Small Hospitals & Clinics, Restaurants
- Food Courts & Motels
- Makeshift Canteens
- Project Sites
- Resorts & Tourist Centres
- Religious Shrines

Ecolyne Packaged Effluent Treatment Plants are designed to take on the challenges involved in sewage treatment requirements for very small to medium community or building. These plants can be containerised based on requirement and can be based on MBBR, MBR, SBR or hybrid technology. These plants are rugged in construction and are available in the following MOC.

- Mild Steel with corrosion resistant Epoxy coating (MSEP)
- Mild Steel with FRP coating (MSFRP)
- Fibre Reinforced Plastic (FRP)

Features

- Compact & Modular Tanks
- Plug-and-play skids or containerized options in MSEP / FRP / MSFRP
- PLC based automation (optional)
- Integrated Auto Switchover and On-off for Motors
- Adaptable to retrofits and greenfield projects



Our Clients



For Enquiry

Call: 91-974731773 | E-mail: ecolyne@aquatechnicsindia.com



Ecolyne Economic Engineering Solutions

Aquatechnics Water Treatment Technologies (P) Ltd.

Kochi (Regd. Office): 7/608, Aquatech, Udayamperoor, South Paravoor, Kochi, Kerala-682307, India

Bengaluru: 45/B, Subam Complex 1st 'A' Main, 2nd Floor Rear Wing, Mini Forest Road, 3rd Phase, J. P. Nagar, Bengaluru-560078

Chennai: #B2, Plot No C67, Adiya Pathma, St,Thiruvengada Nagar, Ambattur, Chennai, Tamil Nadu, 600053