

Marine Sewage Treatment System for On-board Vessels

This marine sewage treatment system treats onboard toilet sewage to meet MEPC159(55) discharge standards. It uses a sequencing batch reactor and microfiltration membrane to digest organic pollutants and is available in integral and combined types.



Product Overview

Advanced Marine Wastewater Treatment

This marine sewage treatment system is engineered to process wastewater from onboard toilets, kitchens, and bathrooms, ensuring compliance with international MEPC159(55) discharge standards. Utilizing a sophisticated combination of Sequencing Batch Reactor (SBR) technology, microfiltration membranes, and ultra-violet disinfection, the unit delivers superior pollutant digestion compared to traditional biological methods. Designed for reliability and ease of use, the system features a compact, corrosion-resistant structure that resists impact and provides stable outlet quality without secondary pollution.

Technical Specifications

Compliance Standards

MEPC159(55)

Available Configurations

- Integral type
- Combined type

Key Operational Benefits

- Compact structure
- Fast installation
- Resistant to impact
- Stable outlet water quality
- No secondary pollution

Treatment Technologies

Sequencing Batch Reactor, Microfiltration Membrane, Ultra-violet Disinfection