

# 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