bioFAS™ SAGR

Introducing the bioFAS™ MTU Bioreactor Systems, the epitome of efficiency and reliability in wastewater treatment. These autonomous units, including the MTU-2 and MTU-4 models, are engineered for effective BOD removal, nitrification, and denitrification, featuring bioprocessH2O's patented high-strength linear composite material for superior performance.

Introduction

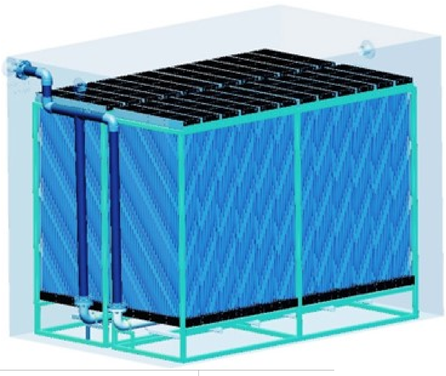
The bioFAS™ SAGR MTU-2 and MTU-4 are state-of-the-art wastewater treatment solutions designed for robust and efficient treatment processes. At their core is a patented high-strength linear composite material, utilized for over 20 years, which enhances COD, BOD, ammonia, and nitrate reduction. These compact biofilm systems are not only high-rate but also simple to operate, making them ideal for a variety of wastewater treatment applications

MTU-2 Specifications:

- Dimensions: 15'l x 9'w x 11'h
- Media Racks: Two (2) – 12'l x 4'w x 9'h
- BOD Removal/day: 150 lbs (at 25oC)

MTU-4 Specifications:

- Dimensions: 27'l x 9'w x 11'h
- Media Racks: Four (4) – 12'l x 4'w x 9'h
- BOD Removal/day: 300 lbs (at 25oC)



APPLICATIONS

- Industrial Wastewater Treatment
- Municipal Wastewater Management
- Food and Beverage Industry
- Pharmaceuticals and Chemicals
- Emergency or Temporary Wastewater Treatment

Fabrication & Design

Each bioFAS™ MTU system, constructed from durable carbon steel with epoxy coating, incorporates looped chord media with a high surface area.

This innovative material is key to trapping and nurturing waste-digesting microbes, establishing a stable population of organisms for efficient wastewater treatment. The systems' modular design facilitates simple retrofitting or expansion, making them adaptable to varying site conditions and treatment needs

BENEFITS

- Compact and Space-Efficient
- Low Power Consumption
- User-Friendly Operation
- Modular for Easy Expansion
- Adaptable to Varying Conditions
- Durable Construction (Epoxy Coated Tanks)
- Resilient to Toxic Shock Loads

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