

RGF[®] ENVIRONMENTAL GROUP

MODEL BIO-1

Modular Biosorb Advanced Wastewater Treatment System



The BIOSORB System treats contaminated water, which typically contains domestic sewage, food residuals, fats / oils, grease, detergents and fertilizers. The collected water is processed through the system and contaminants are removed prior to discharge or reuse.

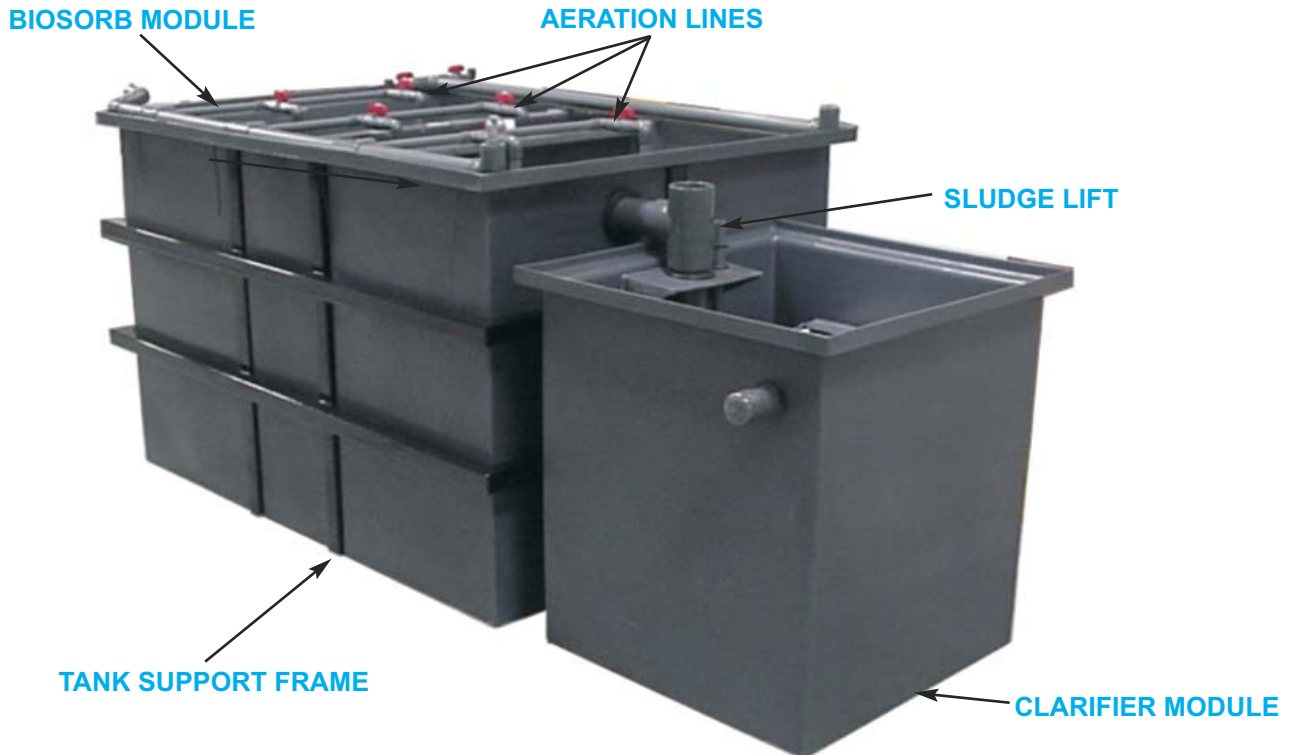
Applications

The BIOSORB was designed for the treatment of sewage and biodegradable industrial wastewater such as...

- Housing Developments
- Hotels / Motels
- Golf Clubs
- Work Camps
- Camp Grounds
- Resorts
- Bars / Restaurants
- Schools
- Airports
- Marinas
- Food Production
- Mining materials companies

Advantages

- RGF is the Recognized Leader with thousand of systems installed world wide since 1985.
- RGF has the best warranty in the business.
- Easy to use - versatile - modular components are easy to assemble or break down or expand.
- Totally Non-ferrous -no rust or corrosion.
- UV Protected to meet National Plumbing Code for outdoor use.
- Impact resistant polyethylene construction.
- Minimal moving parts - low maintenance
- Post treatment systems available for disinfection and reuse.
- Pre-treatment systems available for heavy oils, fats and black water.
- High surface area Biofilter Media for intensive biological growth and stability.
- Modular system can be run in series or parallel.
- Low Maintenance.



BIOSORB ACCESSORIES



SPECIFICATIONS

Flow Rate:	1,000 gpd
Dimensions:	52"W x 120"L x 46"H
Electrical:	220 VAC, 60 Hz, 8.5A, 1 Phase
Operating Temperature:	33 - 100°F
pH Range:	6.5 - 9.5
BOD Reduction:	90% (for 500 mg/l or less)
Biosorb Media:	40 ft ³ Polypropylene Media
Air Feed Blower:	1 1/2 hp regenerative rotary vane blower
Materials:	polypropylene biomedica, polyethylene tank, PVC piping, epoxy coated steel frame
Options:	poly vinyl cover

RGF Environmental Group, Inc.

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