

Universal Advanced Bio-reactor Wash Water Recycle System



The **Universal Advanced Bio-Reactor** is a closed-loop recycle system designed to treat, filter and deliver the cleanest and safest wash water for re-use at your wash bay. The system contains minimal moving parts and replaceable components, low consumables usage and no chemical or microbe addition. The Universal Advanced Bio-Reactor has a small footprint and is totally enclosed for outdoor use and is constructed of all non-corrosive materials. Includes a hand or machine towable grass cart with dump feature.

APPLICATIONS

- Golf Courses
- Landscape Maintenance
- Agriculture
- Universities
- Government Facilities
- Sod Farms
- Resorts
- Camp Grounds

FEATURES

- 5x More Efficient Bio-Reactor
- Counter Current Advanced Oxidation System
- Oil / Water Separation & Collection
- Flow Rates Up To 40 gpm
- High Pressure Delivery Pump
- Self Cleaning Grass Separation
- Low Maintenance and Operating Costs
- Easy Installation

SPECIFICATIONS

UAB-20

Delivery Rate – 20gpm @50psi

Processed Water Storage – 400 gallons

Electrical - 230VAC 20amp 1ph *

Dimensions – Unit 58" W x 118" L x 98" H

Dimensions – Grass Cart 33" W x 53" L x 29" H

Grass Cart Capacity – 1/2 Cu yard 1,200 Lbs.

Weight (Dry) – 1,600 Lbs.

Oxidation System – Counter Current Advanced Oxidation

Filtration – 25 Micron

Materials – Stainless Steel, Aluminum, PVC (non-ferrous)

* Power consumption during continuous filtration as low as 1,930 watts.

UAB-40

Delivery Rate – 40gpm @50psi

Processed Water Storage – 400 gallons

Electrical -230VAC 30amp 1ph *

Dimensions – Unit 58" W x 118" L x 98" H

Dimensions – Grass Cart 33" W x 53" L x 29" H

Grass Cart Capacity – 1/2 Cu yard, 1,200 Lbs.

Weight (Dry) – 1,700 Lbs.

Oxidation System Dual Counter Current Advanced Oxidation

Filtration – 25 Micron

Materials – Stainless Steel, Aluminum, PVC (non-ferrous)

OPTIONS



RGF's Above Ground Wash Rack is the perfect alternative to costly pad construction. It is constructed of steel and coated with 2 part poly-urethane to resist rust and corrosion. It also includes its own sump assembly to catch wash water for delivery to your recycle system.



In-ground Sump Assemblies

RGF's sump assemblies are designed to process wash pad or trench water with high solids content to any above grade solids collection system.



Hose Reels

These optional hose reels provide a high volume, medium pressure water stream to efficiently wash equipment.

THE COMPANY



Innovation

Since 1985 RGF has maintained a steady flow of award winning innovative pollution solutions. RGF has been awarded national recognition as a recipient of the Inc./MCI Customer Service Award.

R & D

RGF maintains a Research and Development staff that is involved in EPA / USDA / FDA / EPRI and University Environmental Studies. Our staff continuously develops system improvements and new products. RGF personnel have been published in over 60 national journals and textbooks.



Patented Technology

RGF has been a leader in patented Environmental Technology.

Lab

RGF maintains a state-of-the-art analytical lab, which will provide free water testing for as long as you own your RGF system to assure continued performance. This assures our customers that, should your waste stream change, you will be able to make the appropriate modifications to meet your needs.



RGF[®]
ENVIRONMENTAL GROUP, INC.

3875 Fiscal Court, West Palm Beach, FL 33404 U.S.A.
(800) 842-7771 (561) 848-1826 fax: (561) 848-9454
www.rgf.com

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