

# **RGF**<sup>®</sup> **ENVIRONMENTAL**

*The WashMaster Line of Discharge or Recycling Systems for Turf*



**WashMaster 36**  
*Closed Loop Reclaim*



**WashMaster 18**  
*Closed Loop Reclaim*

# WashMaster

RGF's WashMaster line of recycling and discharge systems have been designed to meet the demanding needs of turf applications such as golf courses and country clubs. Through years of research and development, and our many years of in field applications, RGF has developed the most complete and efficient systems available. Through the use of mechanical, biological, and our patented disinfection systems, the Washmaster line is able to deliver wash water that is suitable for discharge (with proper permitting), irrigation or reuse completely eliminating the need for water hauling or the worry of EPA infractions. These systems can be applied to new or existing construction, and with our above ground wash racks and catch basins can be a "no construction" and/or portable alternative.

## WashMaster 18 Closed Loop Reclaim



### All in one skid mounted

- Biological
- Mechanical Filtration
- Oxidation-Disinfection

The WashMaster 18 is a single skid mounted system designed for complete "plug and go" applications. This system includes all the features of our WashMaster 36 unit mounted on a single skid for smaller courses and clubs where space may be at a premium.

## SPECIFICATIONS

<b>Process Flow Rate</b>	20 GPM
<b>System Capacity</b>	1000 gallons
<b>Dimensions</b>	5' W X 10' L X 7' H
<b>Electrical</b>	220 V, 30 Amp
<b>Processed Water Storage</b>	550 Gallons
<b>Final Filtration</b>	1 Micron
<b>Filtered Water Delivery</b>	20 GPM @ 50 PSI
<b>Filter Backflush</b>	Automated
<b>CO<sup>3</sup>P Oxidation System:</b>	XL UV/O <sup>3</sup> Chamber

# Designed for Golf and Turf equipment cleaning applications

## Washmaster 36 Closed Loop Reclaim



Equipment Skid



Grass Catcher



Biosorb Series 1



Storage Tank

The WashMaster 36 is our top of the line system. It is designed for large scale courses where washing is performed on a nearly continuous basis. The system consists of our 1/2 yard grass catcher, large Biosorb Series 1, independent equipment skid which includes backflushable multi media filter, polishing filters to 1 micron, our XL UV/O3 chamber for complete oxidation of organics and 550 gallon storage tank. The modular design allows application to existing facilities as well as new and can also be used with our above ground options for a "No construction-No hassle" setup.

## SPECIFICATIONS

<b>Process Flow Rate</b>	25 GPM
<b>System Capacity</b>	1500 gallons
<b>Foot Print</b>	90 Sq. Ft.
<b>Electrical</b>	220 V, 30 Amp
<b>Processed Water Storage</b>	550 Gallons
<b>Final Filtration</b>	1 Micron
<b>Filtered Water Delivery</b>	25 GPM @ 50 PSI
<b>Filter Backflush</b>	Automated
<b>CO<sup>3</sup>P Oxidation System:</b>	XL UV/O <sup>3</sup> Chamber

## Biosorb Discharge

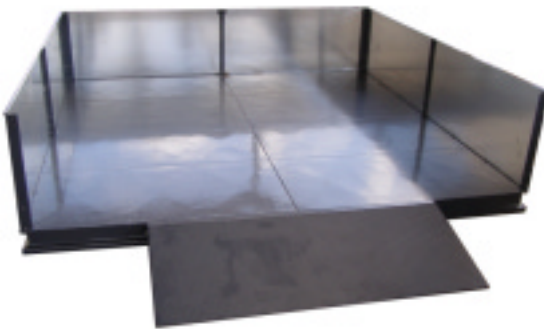


The Biosorb Digester Module is the main component of the modular design. Several Biosorb modules can be coupled together to accomplish higher flow rates. The Biosorb Module utilizes the following proven technologies for aerobic BOD/COD removal: fixed film bioreactors, activated sludge, and regenerative aeration.

## SPECIFICATIONS

<b>Process Flow Rate</b>	<b>1000 GPD</b>
<b>System Capacity</b>	<b>1000 gallons</b>
<b>Dimensions</b>	<b>52"W x 120"L x 46"H</b>
<b>Electrical:</b>	<b>220 VAC, 50/60 Hz, 8.5A, 1 Phase</b>

## 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 WashMaster 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.



The **RGF Poly Grass Catcher** is an integral part of the WashMaster System. By trapping the majority of heavy solids before it reaches the system less demand is placed on the filtration systems. With the above ground sump assembly, the need for concrete sumps is eliminated.



### RGF's High Volume Washing Stations

are designed for washing situations that require considerable flow with moderate pressure to remove grass and debris from equipment. All stations come complete with pressure switch, safety valve and controls. The skid mounted systems are designed to feed 2 to 4 washing stations (RGF's wash pad hose reels) at up to 18 gallons per minute. The wall mounted station is for a single washing station at up to 16 gallons per minute.



### Hose Reels

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



**Ultra Shed Building System** houses your Ultrasorb Recycling System, chemicals and includes covered work bay providing the perfect solution to harsh climatic conditions.

## RGF Environmental Group

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