

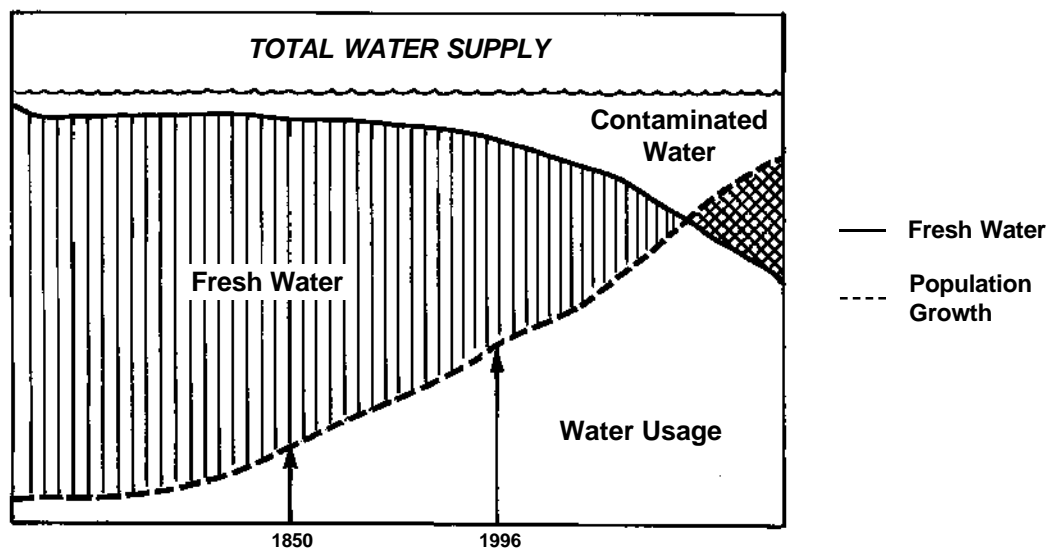
RECYCLE SYSTEMS

The following section of this catalog contains the RGF line of wash water recycling equipment. RGF utilizes 40 technologies to develop industry specific water recycling systems. RGF is the recognized industry leader with over 6,000 systems installed worldwide.

Industrial water recycling has been the main mission of RGF since its inception in 1985. Water recycling is an industrial priority for the following reasons:

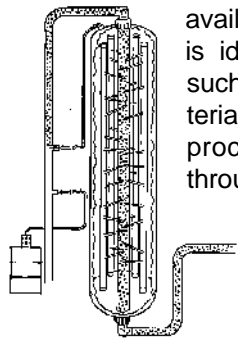
- Cost** RGF has developed a membrane filter that will remove contaminants while leaving in the dissolved cleaning agent, thereby not only are you saving water, you are also saving cleaning detergents. A U.S. national survey shows the average cost of water and sewer is .005¢ per gallon. In some countries, this cost is many times higher. By recycling wash water and cleaning agents, studies have shown savings at a typical trucking firm of \$1.34 per vehicle washing or \$5,628 per year over discharging to sewer.
- Compliance** By recycling, you will avoid possible fines, regulatory litigation, negative publicity and civil litigation.
- Positive Image** Companies that are environmentally conscious are viewed upon by employees and customers as forward thinking, positive performers and professionals who carry an image that advertising can't buy.
- Regulations** By recycling, you avoid regulatory monitoring of your waste stream, thereby reducing visits to your site by regulatory auditors.
- EO-12873** Recycling systems meet the requirements of the U.S. Executive Order which mandates that Federal Agencies must use prevention and recycling in daily operations. This order also mandates that Federal Agencies use environmentally preferable products. The EPA prefers closed-loop recycling systems over sewer discharge.
- Moral** By recycling, you will be saving hundreds of thousands of gallons of water, our most precious resource, which we are grossly mismanaging.

FRESH WATER AVAILABLE VS. POPULATION GROWTH



Recycling can no longer be viewed as a necessary evil. It should be viewed as a viable cost reduction program and positive public relations vehicle.

CO³P - Catalytic Oxidation Process



The most advanced oxidation technology available. This low maintenance system is ideal for elimination of contaminants such as organics, pesticides, algae, bacteria, color, and odors. The oxidation process creates a hydroxyl radical through the use of ozone, UV light, and hydrogen peroxide, which actually oxidizes the contaminants to harmless carbon dioxide and water, thereby decontaminating the water and increasing filter life.

MS³ - Molecular Separation Filtration

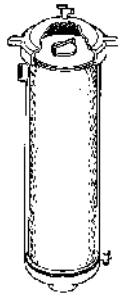
RGF has developed and manufactures proprietary ultrafiltration membranes. This selective filter will reduce suspended solids to the sub-micron range while leaving the soluble detergents in the water for reuse. Water is circulated under pressure around polymer membranes where molecular separation of water and contaminants occur. The contaminants are automatically rejected back to the pit.



Coalescing Centrifugal Separator

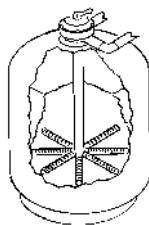
RGF's patented molded Poly Centrifugal Separator is designed to separate, under several G forces, free oils and solids before entering the system, thereby decreasing maintenance intervals. Comes complete with oil and solids purge valves.

Polishing Filter - RGF's reusable Poly Micron HD foam cartridges are long lasting one micron hardened poly foam filters that are cleaned by a unique in-housing, reverse flow flushing system. Oils and solids purge valves extend filter life and reduce maintenance. The user-friendly lid screws on to make service a breeze.



Multi-Media Filters

These depth penetration media filters contain up to 370 lbs of media, including over 70 lbs of anthracite for metals and organic removal, 150 lbs of silica sand media for fine particulate removal, and 150 lbs of gravel for large solids removal. All packaged in an easily serviced filter housing. An optional automatic filter backwash mechanism is available.

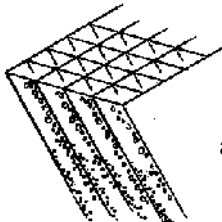


Micro-Matrix - Ultra Coalescor

RGF's innovative coalescing matrix utilizes a tight matrix of 60° poly grids designed to attract low micron oil particles.



Incline Polypropylene Tube Coalescor

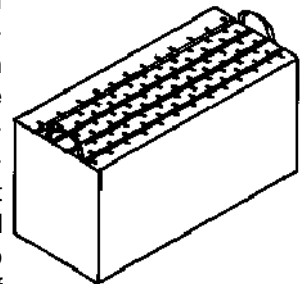


The 1/4" square tubes placed on a 60° angle provide maximum coalescing efficiency.

The compact system permits the design to exceed Stoke's Law for coalescing. Also, the self-cleaning feature alleviates a maintenance area. These mini tubes not only coalesce the oil, they coagulate or settle solids over 50 microns.

HCA-2 Hydrocarbon Absorber

The RGF proprietary HCA-2 hydrocarbon absorber gravity flows the wastewater through a hydrocarbon absorption filter consisting of two highly absorbent medias, polyisocyanurate and fibrous polypropylene, to absorb low micron particles of oil, fuels, solvents, and other hydrocarbons.



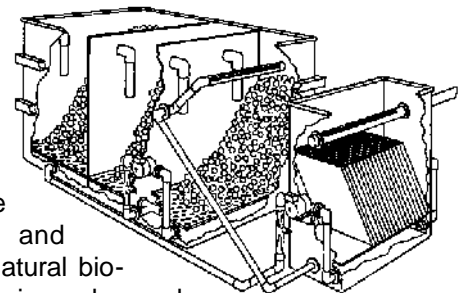
HCA-3 Hydrocarbon Absorber

RGF's patented Hydrocarbon Absorber is the most advanced oil/water filter on the market. This continuously self-cleaning pressurized absorption filter is equipped with a free oil and solids purge to extend its life. The HCA-3 consists of three technologies: micro-coalescor, polyfibron absorption foam.



BioSorb Series I Aerobic Digester

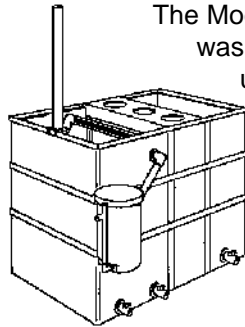
A three compartment aerobic digester designed to rapidly break down organic substance through the use of bacteria and enzymes. The natural biological process is enhanced through the use of four air injection pumps and a BioSorb media. A final clarifier separates



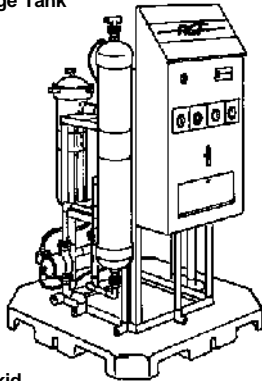
Ultrisorb® System Model LD² Medium Duty Wash Water Recycle System



Series III
550 gal. Storage Tank



SM Series I Tank



LD² Series II Skid

The Model LD² system is designed for medium duty vehicle and equipment washing applications with light to moderate solids loading. This system utilizes the Series I Tank for removal of solids, oils and contaminants such as heavy metals, then filters through the dual polish filters. The CO³P Catalytic Oxidation System oxidizes organics and clarifies the water for reuse. This system has a manual fresh water backflush system that can be upgraded for automatic backflushing.

Applications

5 - 8 hour per day of closed-loop washing applications for medium equipment such as:

- Truck & Tractor Repair Shops
- Bus Companies
- Fork Lift Repair Shops
- Rental Car Companies
- Military Bases
- Equipment Rental Companies
- City / County Transportation
- Municipal and State Garages

Standard Features

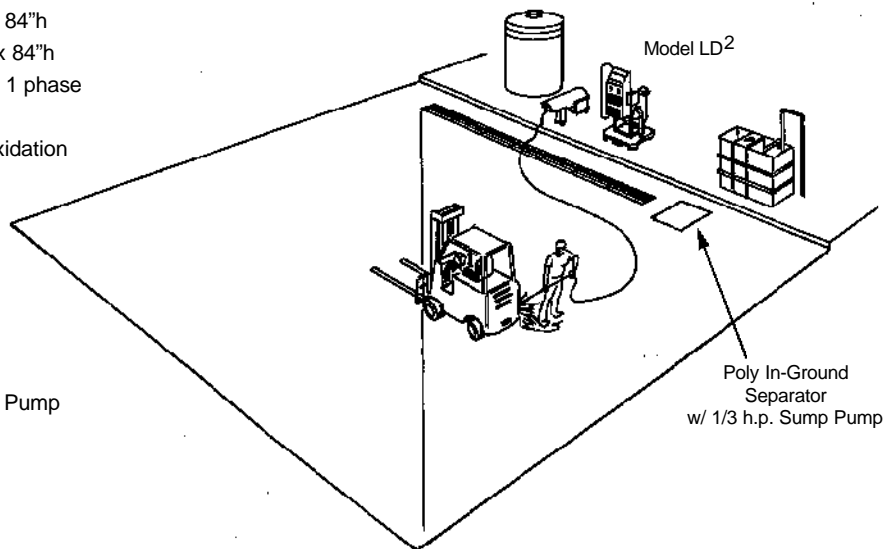
- **Series I Tank includes:**
 - Aeration Tower
 - Inclined Tube Coalescor
 - Oil Skimmer
 - Hydrocarbon Accumulator
 - Solids Separator
 - HCA-2 Hydrocarbon Absorber
 - Multi-Media Filter Bed
- **Series II Skid includes:**
 - Process Pump
 - Polishing Filtration System
 - SM-CO³P Catalytic Oxidation
 - CFC System
 - Manual Polish Filter Backflush
- **550 gal. Storage Tank Includes:**
 - Fresh Water Make-up
 - Overflow Protection

Specifications

- **Process Flow Rate** 20 g.p.m.
- **System Capacity** 800 gallons
- **Dimensions**
 - Series I: 27" w x 61" l x 84" h
 - Series II: 37" w x 37" l x 84" h
 - Series III: 48" w x 48" l x 84" h
- **Electrical** 220 VAC, 60 Hz, 20 A, 1 phase
- **Final Filtration Type** Polishing Filters (2)
- **Oxidation System** SM-CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1/6 h.p. centrifugal (2)

Recommended Wash Pad Design

(Call for Design Details)



Item # Suggested Accessories / Filters

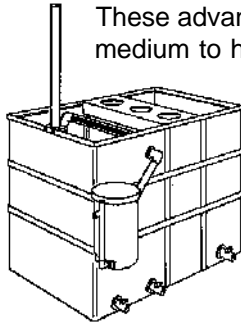
- OI-018 Automatic Filter Backflush
- OI-021 Remote Location Control Panel
- OP-077 Poly In-Ground Interceptor w/ 1/3 h.p. Sump Pump
- CALL RGF Mini-UltraShed for LD²
- FL-001X HCA-2 Absorber Filter (1 each)
- FL-086 25M Polish Filter (2 each)
- FL-056 Series-1 Multi-Media Filter (1 each)

Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
LD2-Q	Ultrisorb® System Model LD ²	16 g.p.m.	550 gallons	25 Micron	1,147 lbs.

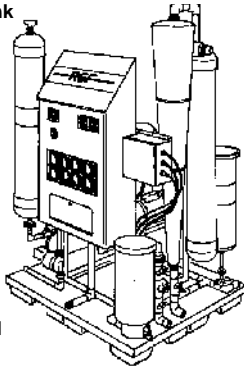
Ultrasorb® System Models SM¹ / SM² Medium / Heavy Duty Wash Water Recycle Systems



Series III
550 gal. Storage Tank



SM Series I Tank



SM² Series II Skid

These advanced vehicle and equipment wash water recycle systems are designed for medium to heavy duty users with slight to heavy solids loading. The High Efficiency Coalescing Separator along with the Series I provides an effective means of removing oils and solids from the waste stream. The model SM² is equipped with the MS³ Membranes, which remove virtually all of the contaminants in the water while leaving behind the soluble cleaning agents to be reused. The SM models are equipped with RGF's advanced CO³P Catalytic Oxidation System for controlling organics.

Applications

8 hours per day of closed-loop washing of medium to heavy equipment applications such as:

- Military Bases
- Waste Haulers
- Truck & Tractor Repair Shops
- Bus Companies
- City / County Transportation
- Equipment Rental Companies
- Municipal and State Garages
- Construction Companies

Standard Features

- Sm. Series I Tank includes:
 - Aeration Tower
 - Inclined Tube Coalescor
 - Oil Skimmer
 - Hydrocarbon Accumulator
 - Solids Separator
 - HCA-2 Hydrocarbon Absorber
 - Multi-Media Filter Bed
 - 550 gal. Storage Tank Includes:
 - Fresh Water Make-up
 - Overflow Protection
 - Series II Skid includes:
 - High Efficiency Coalescing Separator
 - Process Pump
 - Polishing Filtration System
 - Back-Up Polishing Filter System*
 - MS³ Membrane System*
 - SM-CO³P Catalytic Oxidation
 - CFC System
 - Manual Filter / Membrane Backflush System
- * - SM2-Q Only

Specifications

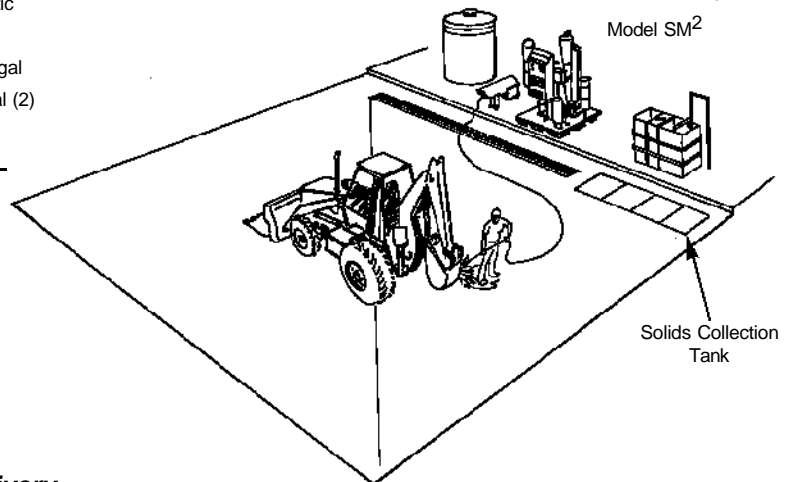
	Model SM ¹	Model SM ²
• Process Flow Rate	30 g.p.m.	5 g.p.m.
• System Capacity	800 gallons	800 gallons
• Dimensions	Series I: 27" w x 61" l x 84" h Series II: 48" w x 48" l x 84" h Series III: 48" w x 48" l x 84" h	Series I: 27" w x 61" l x 84" h Series II: 48" w x 48" l x 84" h Series III: 48" w x 48" l x 84" h
• Electrical	220 VAC, 60 Hz, 30 A	220 VAC, 60 Hz, 30 A
• Final Filtration Type	Polishing Filters (3)	MS ³ Membrane (1)
• Oxidation System	SM-CO ³ P Catalytic Oxidation	SM-CO ³ P Catalytic Oxidation
• Process Pump	1 1/2 h.p. centrifugal	1 1/2 h.p. centrifugal
• Supply Pump	1/6 h.p. centrifugal (2)	1/6 h.p. centrifugal (2)

Item # Suggested Accessories / Filters

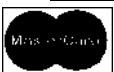
OI-018	Programmable Auto Backflush (SM ¹ Only)
OI-020	Programmable Auto Backflush (SM ² Only)
OI-021	Remote Location Control Panel
TA-046	Solids Collection Tank
CALL	RGF Mini-UltraShed for SM ¹ or SM ²
FL-056	Multi-Media Filter (1 each)
FL-001X	HCA-2 Absorber Filter (1 each)
FL-003PX	HCA-3 Absorber Filter (1 each)
FL-086	25M Polish Filter (3 each)
MP-027	MS ³ Membrane (1 each - SM ² Only)

Recommended Wash Pad Design

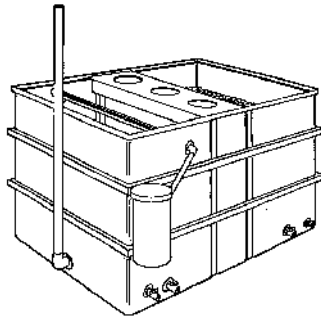
(Call For Design Details)



Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
SM1-Q	Ultrasorb® System Model SM ¹	30 g.p.m.	550 gallons	25 Microns	1,354 lbs.
SM2-Q	Ultrasorb® System Model SM ²	20 g.p.m.	550 gallons	0.5 Microns	1,404 lbs.

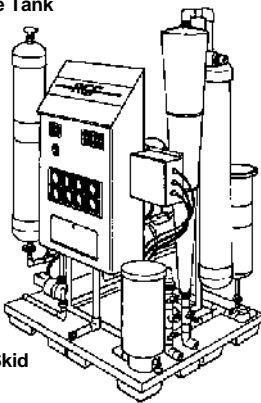


Ultrasorb® System Model ST² Heavy Duty Wash Water Recycle System



Series III
550 gal. Storage Tank

LG Series I Tank



ST² Series II Skid

The model ST² system offers the same technologies as the model SM² with the addition of a larger Series I tank for added oil removal and solids separation, plus auto back-flushing of the polish filters and MS³ membranes to help reduce maintenance. The model ST² contains a larger version of the CO³P Catalytic Oxidation System for controlling organics. These additions make this system capable of handling heavy duty equipment washing applications.

Applications

Continuous closed-loop washing of heavy equipment applications such as:

- Military Bases
- Waste Haulers
- Truck & Tractor Repair Shops
- Bus Companies
- City / County Transportation
- Equipment Rental Companies
- Municipal and State Garages
- Construction Companies

Standard Features

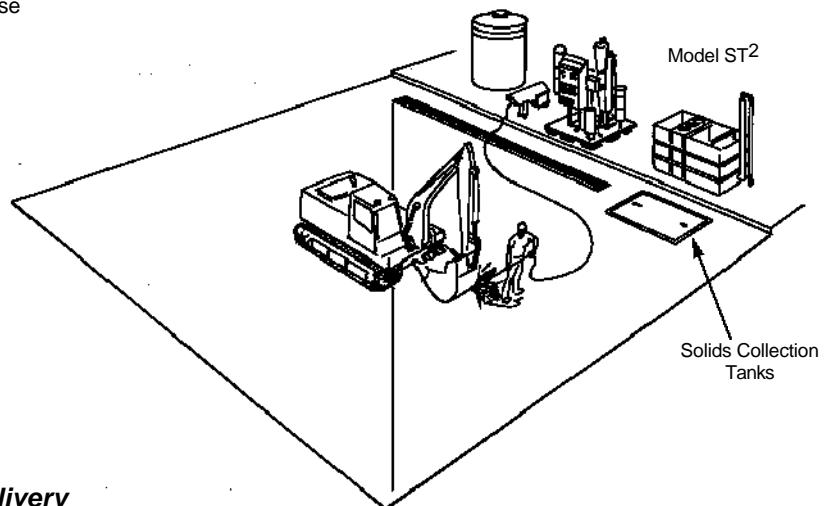
- Lrg. Series I Tank includes:
 - Aeration Tower
 - Inclined Tube Coalescor
 - Oil Skimmer
 - Hydrocarbon Accumulator
 - Solids Separator
 - HCA-2 Hydrocarbon Absorber
 - Multi-Media Filter Bed
- 550 gal. Storage Tank Includes:
 - Fresh Water Make-up
 - Overflow Protection
- Series II Skid includes:
 - High Efficiency Coalescing Separator
 - Process Pump
 - Polishing Filtration System
 - Back-Up Polishing Filter System
 - MS³ Membrane System
 - XL-CO³P Catalytic Oxidation
 - CFC System
 - Auto Filter / Membrane Backflush System

Specifications

- **Process Flow Rate** 10 g.p.m.
- **System Capacity** 1,300 gallons
- **Dimensions**
 - Series I: 53" w x 73" l x 84" h
 - Series II: 48" w x 48" l x 84" h
 - Series III: 48" w x 48" l x 84" h
- **Electrical** 220 VAC, 60 Hz, 30 A, 1 phase
- **Final Filtration Type** MS³ Membranes (1)
- **Oxidation System** XL-CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1/6 h.p. centrifugal (2)

Recommended Wash Pad Design

(Call For Design Details)

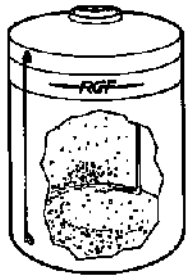


Item # Suggested Accessories / Filters

- | | |
|----------|--|
| OI-021 | Remote Location Control Panel |
| TA-029 | Solids Collection Tank |
| OP-048 | Heavy Duty Processing Sump |
| CALL | RGF Mini-Ultrashed for ST ² |
| FL-057 | Multi-Media Filter (1 each) |
| FL-096X | HCA-2 Absorber Filter (1 each) |
| FL-003PX | HCA-3 Absorber Filter (1 each) |
| FL-086 | 25M Polish Filter (3 each) |
| MP-027 | MS3 Membrane (1 each) |

Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
ST2-Q	Ultrasorb® System Model ST ²	25 g.p.m.	550 gallons	0.5 Microns	2,247 lbs.

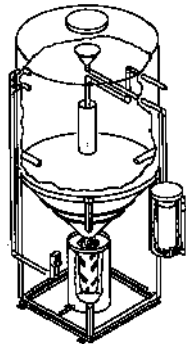
Ultrasorb® System Model XL² Very Heavy Duty Wash Water Recycle System



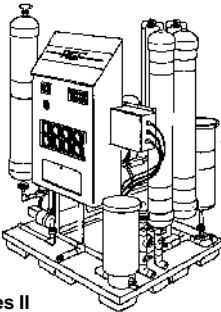
Series III
850 gal. Storage Tank



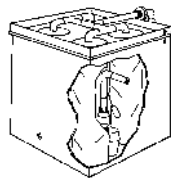
550 gal. Process Tank



CCC-400 Cone Tank



XL² Series II
Skid



Gravity Bag Filter

The Model XL² system is designed for very heavy washing applications with high oil and solids loading. The CCC-400 cone tank and Gravity Bag Filter remove large amounts of oils and solids. A pump assisted backflush provides rigorous flushing of the Polish Filters. An additional MS³ membrane provides a faster process rate, and RGF's large CO³P Catalytic Oxidation system is included for oxidation of organic loading. For high B.O.D. loadings (algae, warm climates, herbicides), the Biosorb I Aerobic Digester is a recommended option.

Applications

Continuous closed-loop washing of very heavy equipment applications such as:

- Heavy Equipment Companies
- Solid Waste Haulers
- Truck & Tractor Repair Shops
- Bus Companies
- City / County Transportation
- Military Bases
- Municipal and State Garages
- Construction Companies

Standard Features

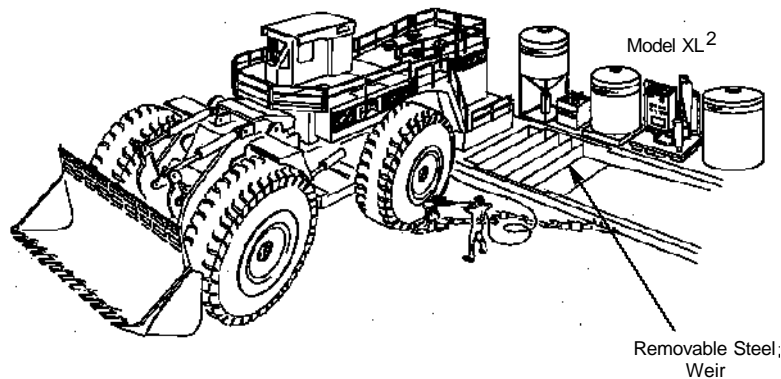
- **CCC-400 Cone Tank includes:**
 - 400 gal. cone bottom tank
 - Oil Skimmer
 - Hydrocarbon Accumulator
 - Solids Bag Filter
- **Gravity Bag Filter includes:**
 - Quad 100M Bag Filters
 - Transfer Sump Pump
- **550 gal. Process Tank includes:**
 - Overflow Protection
- **Series II Skid includes:**
 - Process Pump
 - Polishing Filtration System
 - Back-Up Polishing Filter System
 - Dual MS³ Membrane System
 - XL-CO³P Catalytic Oxidation
 - CFC System
 - Auto Filter / Membrane Backflush System (pump assisted)
- **850 gal. Storage Tank Includes:**
 - Fresh Water Make-up
 - Overflow Protection

Specifications

- **Process Flow Rate** 10 g.p.m.
- **System Capacity** 1,950 gallons
- **Dimensions**
CCC-400: 48" w x 48" l x 12" h
Bag Filter: 35" w x 35" l x 40" h
Process Tank: 48" w x 48" l x 84" h
Series II: 48" w x 48" l x 84" h
Series III: 72" d x 84" h
- **Electrical** 220 VAC, 60 Hz, 30 A, 1 phase
- **Final Filtration Type** MS³ Membranes (2)
- **Oxidation System** XL-CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1/6 h.p. centrifugal (2)

Recommended Wash Pad Design

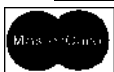
(Call For Design Details)



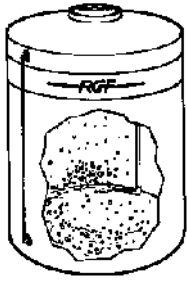
Item # Suggested Accessories / Filters

OI-021	Remote Location Control Panel
TA-032	12' L Removable Steel Weir
OP-048	Heavy Duty Processing Sump
OI-007	Chemical Injection Pump for CCC
BIO-1	BioSorb I Aerobic Digester
CALL	RGF Mini-Ultrashed for XL ²
FL-057	Multi-Media Filter (1 each)
FL-096X	HCA-2 Absorber Filter (1 each)
FL-003PX	HCA-3 Absorber Filter (1 each)
FL-086	25M Polish Filter (3 each)
MP-027	MS3 Membrane (2 each)

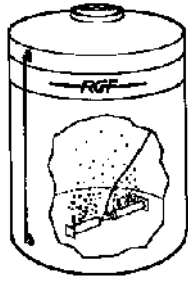
Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
XL2-Q	Ultrasorb® System Model XL ²	30 g.p.m.	850 gallons	0.5 Microns	1,855 lbs.



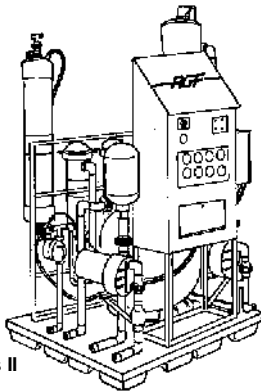
Ultrasorb® System Model HV-CW High Volume Car Wash Recycle System



Optional
550 or 850 gal. Storage Tank



Optional
550 gal. Process Tank



HV-CW Series II
Skid

The Model HV-CW is designed for high volume automatic car washing applications. This system contains the same features as the Model CW² with the exception of having three twenty five micron Polish Filters in place of the MS³ membranes for increased processing flow. The filters have an automatic pump assisted reverse flow backflush that extends filter life. The HV-CW is equipped with the CO³P Catalytic Oxidation System for organics. The system comes with a 1 - 40 g.p.m. delivery pump for washing equipment hook-up.

Applications

This high volume car wash system is intended for vehicle washing applications such as:

- Automatic Car Washes
- Gas Stations
- Taxi Fleets
- City / County Transportation
- Municipal and State Garages
- Rental Car Companies
- Gantry Wash Systems
- Truck Washes

Standard Features

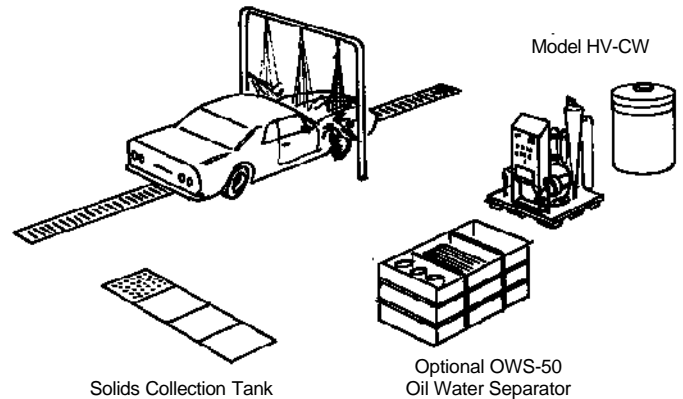
- Optional 550 gal. Process Tank Includes:
 - Overflow Protection
- Series II Skid includes:
 - High Efficiency Coalescing Separator
 - Hydrocarbon Accumulator
 - Process Pump
 - Std. Multi-Media Filter
 - Polishing Filtration System
 - XL-CO³P Catalytic Oxidation
 - CFC System
 - Supply Pump
 - Auto Filter Backflush System
- Optional 550 or 850 gal. Storage Tank Includes:
 - Fresh Water Make-up
 - Overflow Protection

Specifications

- **Process Flow Rate** 30 g.p.m.
- **System Capacity** as per optional tanks
- **Dimensions** 550 gal. tank : 48" w x 48" l x 84" h
Series II: 48" w x 48" l x 84" h
- **Electrical** 220 VAC, 60 Hz, 30 A, 1 phase
- **Final Filtration Type** Polishing Filters (3)
- **Oxidation System** XL-CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1 1/2 h.p. centrifugal

Recommended Wash Pad Design

(Call for design details)



Item # Suggested Accessories / Filters

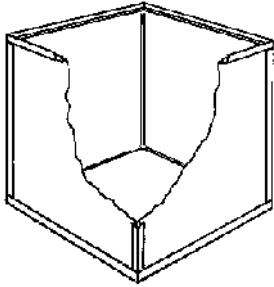
OI-021	Remote Location Control Panel
SA-065	550 gallon Process Tank
OP-080	850 gallon Storage Tank
OP-081	550 gallon Storage Tank
TA-046	Solids Collection Tank
OWS-50Q	OWS-50 Oil Water Separator (50 g.p.m)
CALL	RGF Mini-UltraShed for HV-CW
FL-078	Multi-Media Filter Replacement Media (1 each)
FL-086	25M Polish Filters (3 each)

Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
HVCW-Q	Ultrasorb® System Model HV-CW	35-40 g.p.m.*	Opt. 550 gal. or 850 gal.	25 Micron	995 lbs.

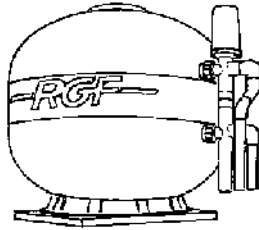
* Optional 1/2 h.p. supply pump
10 g.p.m./50 psi available



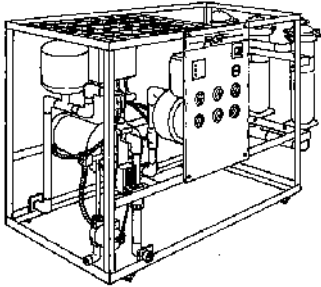
Ultrisorb® System Model CW-MOD Modular High Volume Car Wash Recycle System



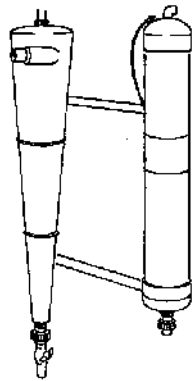
150 Gallon Storage Tank



Multi-Media Filter w/ Auto Backflush



CW-MOD Process Skid



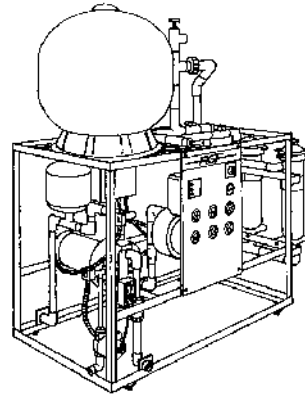
Coalescing Centrifugal Separator & Catalytic Oxidation System

The Model CW-MOD modular, high volume car wash was developed specifically for existing car wash facilities with space limitations. The modules permit door access without expensive building modifications. The flexible system allows the option of utilizing your existing water storage tank or the optional 150 gallon module water tank. The flexibility of the modules allow a number of configurations to accommodate available space.

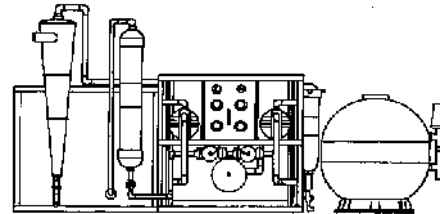
Applications

This modular high volume car wash system permits a number of layouts and options including:

- Stacking (requiring only 7 sq. ft. of floor space)
- Outdoor Shed (can be stacked or low profile)
- Roof Mounted (low profile with shed)
- Elevated (providing usable indoor floor space)



Stacked



Low Profile

Specifications

- **Process Flow Rate** 50 g.p.m.
- **System Capacity** as per optional tanks
- **Dimensions**
 - Media Filter :32" w x 32" l x 32" h
 - Storage Tank :35" w x 35" l x 40" h
 - Series II:32" w x 60" l x 51" h
- **Electrical** 220 VAC, 60 Hz, 30 A, 1 phase
- **Final Filtration Type** Polishing Filters (3)
- **Oxidation System** CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1 1/2 h.p. centrifugal

Item # Suggested Accessories / Filters

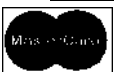
OI-052	150 gallon Square Storage Tank**
OI-053	S.S. Stack Frame for Storage Tank
OI-054	Auto Filter Backflush
CALL	RGF Mini-UltraShed for CW-MOD
FL-078	Multi-Media Filter Replacement Media (1 each)
FL-086	25M Polish Filters (3 each)

Standard Features

- **Series II Skid includes:**
 - High Efficiency Coalescing Separator
 - Hydrocarbon Accumulator
 - Process Pump
 - Std. Multi-Media Filter
 - Polishing Filtration System
 - CO³P Catalytic Oxidation
 - CFC System
 - Supply Pump

Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
CW-MOD-Q	Ultrisorb® System Model CW-MOD	35 - 40 g.p.m.*	Optional 150 gallon**	25 Micron	1,194 lbs.

* Optional 1/2 h.p. supply pump
10 g.p.m./50 psi available

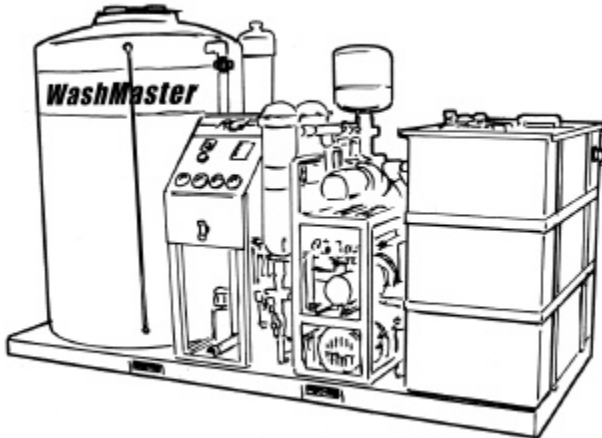


FAX RGF Your Order 1-561-848-9454

E-Mail Your Order: rgf@rgf.com

WashMaster 18
Medium Duty Golf and Turf Wash Water Recycle System

WashMaster Universal
Medium Duty General Purpose Industrial Washwater Recycle System



The WashMaster Universal and WashMaster 18 are single skid mounted systems designed for complete “plug and go” applications.

The **Washmaster 18** 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.

The **WashMaster Universal** also includes our oil water separation technology for all applications other than turf where hydrocarbon removal is required.

Specifications

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

Washmaster 18 Applications

This medium duty system is intended for periodic equipment cleaning operations such as:

- Golf Course Maintenance
- Nurseries
- Agriculture
- Resorts
- Schools & Colleges
- Landscape Maintenance Co.
- Parks & Cemeteries
- Military Bases
- Farming
- Housing Developments

Washmaster Universal Applications

- Military Bases
- Waste Haulers
- Truck & Tractor Repair Shops
- Bus Companies
- City / County Transportation
- Equipment Rental Companies
- Municipal and State Garages
- Construction Companies

Standard Features

- Hydrocarbon Accumulator
- Process Pump
- Std. Multi-Media Filter
- Polishing Filtration System
- XL-CO³P Catalytic Oxidation
- CFC System
- Supply Pump
- Auto Filter Backflush System

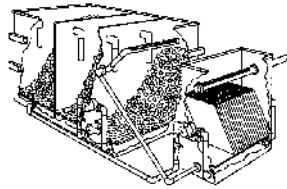
Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
WM UN	Ultrasorb® WashMaster Universal	20 g.p.m.	550 gallons	1 Micron	2,100 lbs.
WM 18	Ultrasorb® WashMaster 18	-	-	-	-

RECYCLE SYSTEMS

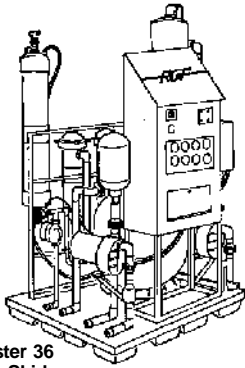
Ultrasorb® System WashMaster 36 Heavy Duty Golf and Turf Wash Water Recycle System



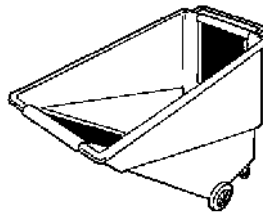
Series III
550 gal. Storage Tank



Biosorb Series I
Aerobic Digester



WashMaster 36
Series II Skid



1/2 Yard Grass
Catcher

The model WashMaster 36 is specifically designed for the golf and turf industry. The system has been engineered for removal of herbicide, insecticides, and pesticides in addition to oils, solids and grass. The model WashMaster 36 is equipped with an auto backflush system for the media and polishing filters which helps to reduce maintenance. The Model WashMaster 36 is also equipped with the advanced CO³P Catalytic Oxidation System for organics. The Biosorb Series I Aerobic Digester reduces high B.O.D. loading associated with golf and turf applications. The model WashMaster 36 requires an RGF High Volume Wash Station for equipment washing.

Applications

This heavy duty system is intended for 8 hours per day of equipment cleaning operations such as:

- Golf Course Maintenance
- Agriculture
- Schools & Colleges
- Parks & Cemeteries
- Farming
- Nurseries
- Resorts
- Landscape Maintenance Co.
- Military Bases
- Housing Developments

Standard Features

- 1/2 Yard Grass Catcher includes:
 - 170 Micron S.S. Mesh Filter
- Biosorb Series I Includes:
 - (4) CFC Aeration System
 - 40 cu. ft. Biosorb Media
- 550 gal. Storage Tank Includes:
 - Fresh Water Make-up
 - Overflow Protection
- Series II Skid Includes:
 - Process Pump
 - Multi-Media Filter
 - Polishing Filtration System
 - H.I.P. Adsorber System
 - XL-CO³P Catalytic Oxidation
 - CFC System
 - Auto Media / Polish Filter Backflush System

Specifications

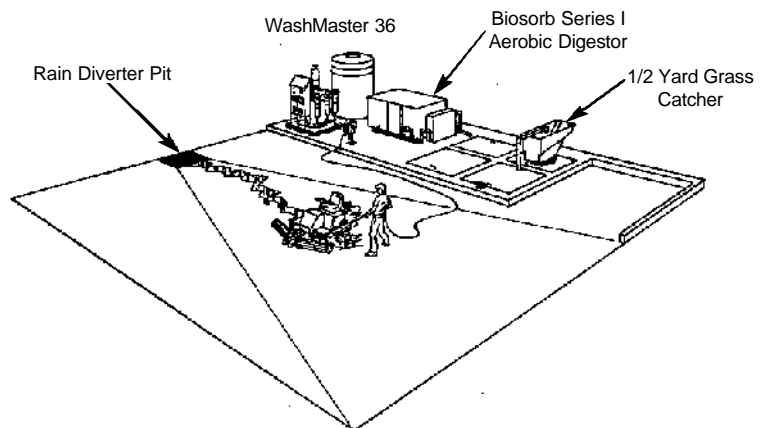
- **Process Flow Rate** 10 g.p.m.
- **System Capacity** 1,300 gallons
- **Dimensions**
 - Grass Catcher: 28" w x 56" l x 38" h
 - Biosorb Series I: 52" w x 95" l x 46" h
 - Series II: 48" w x 48" l x 84" h
 - Series III: 48" w x 48" l x 84" h
- **Electrical** 220 VAC, 60 Hz, 30 A, 1 phase
- **Final Filtration Type** Polishing Filters (3)
- **Oxidation System** XL-CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1/6 h.p. centrifugal (2)

Item # Suggested Accessories / Filters

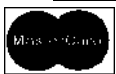
- OI-021 Remote Location Control Panel
- OI-015 Single High Volume Wash Station
- OI-046 Dual High Volume Wash Station
- OP-086 S.S. Hand Crank Hose Reel Assm.
- OP-025 1 Yard Grass Catcher
- CALL RGF Mini-UltraShed for GC³
- FL-078 Multi-Media Filter Replacement Media (1 each)
- FL-086 25M Polish Filter (3 each)

Recommended Wash Pad Design

(Call For Design Details)



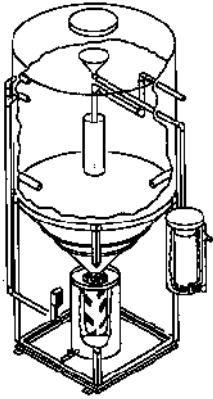
Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
WM 36	Ultrasorb® System WashMaster 36	25 g.p.m.	550 gallons	25 Microns	1,958 lbs.



FAX **RGF** Your Order 1-561-848-9454

E-Mail Your Order: rgf@rgf.com

Ultrasorb® System Model WM¹ Heavy Duty Waste Management Wash Water Recycle System



CCC-400 Cone Tank



Series III
550 gal. Storage Tank

The model WM¹ is specifically designed for the waste management industry. This system has been engineered for the high biological aspects associated with waste management waste streams. The model WM¹ is equipped with an auto backflush system for the media and polishing filters to reduce maintenance. The system is also equipped with the advanced CO³P Catalytic Oxidation System for organics. The CCC-400 Cone Tank helps in the removal of heavy solids and oils, while the Biosorb Series I Aerobic Digester reduces high B.O.D. loading and helps in water clarity.

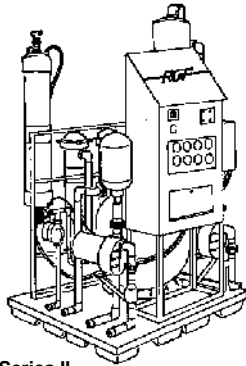
Applications

This heavy duty system is intended for 8 hours per day of equipment cleaning operations such as:

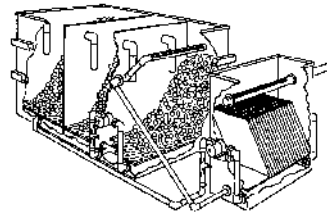
- Solid Waste Haulers
- Agriculture
- Livestock
- Fisheries
- Military Bases
- Housing Developments

Standard Features

- **CCC-400 Cone Tank includes:**
 - 400 gal. cone bottom tank
 - Oil Skimmer
 - Hydrocarbon Accumulator
 - Solids Bag Filter
- **Biosorb Series I Includes:**
 - (4) CFC Aeration System
 - 40 cu. ft. Biosorb Media
- **Series II Skid Includes:**
 - Process Pump
 - Multi-Media Filter
 - Polishing Filtration System
 - H.I.P. Adsorber System
 - XL-CO³P Catalytic Oxidation
 - CFC System
 - Auto Media/Filter Backflush Sys.
- **550 gal. Storage Tank Includes:**
 - Fresh Water Make-up
 - Overflow Protection
 - Tank Level Sight Tube



WM¹ Series II
Skid



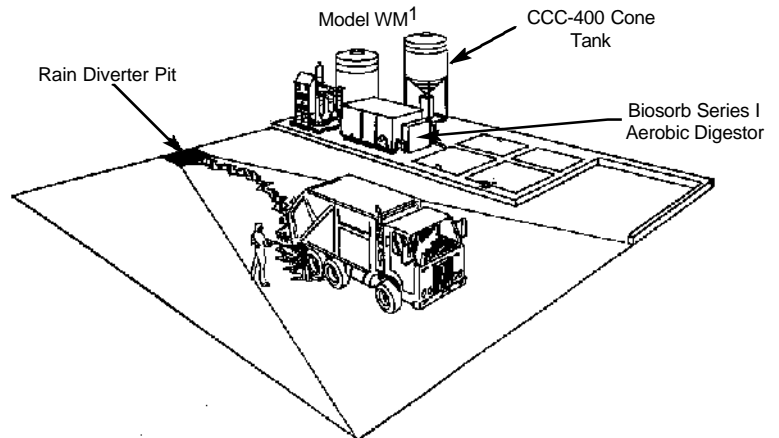
Biosorb Series I
Aerobic Digester

Specifications

- **Process Flow Rate** 10 g.p.m.
- **System Capacity** 1,300 gallons
- **Dimensions**
CCC-400: 48"sq. x 144"h
Biosorb Series I: 52"w x 95"l x 46"h
Series II: 48"w x 48"l x 84"h
Series III: 48"w x 48"l x 84"h
- **Electrical** 220 VAC, 60 Hz, 30 A, 1 phase
- **Final Filtration Type** Polishing Filters (3)
- **Oxidation System** XL-CO³P Catalytic Oxidation
- **Process Pump** 1 1/2 h.p. centrifugal
- **Supply Pump** 1/6 h.p. centrifugal (2)

Recommended Wash Pad Design

(Call For Design Details)



Item # Suggested Accessories / Filters

- OI-021 Remote Location Control Panel
- OI-015 Single High Volume Wash Station
- OI-046 Dual High Volume Wash Station
- OP-086 S.S. Hand Crank Hose Reel Assm.
- CALL RGF Mini-UltraShed for GC³
- FL-078 Multi-Media Filter Replacement Media (1 each)
- FL-086 25M Polish Filter (3 each)

Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
WM1-Q	Ultrasorb® System Model WM ¹	25 g.p.m.	550 gallons	25 Microns	2,389 lbs.

