

RGF's High Volume Water Recycling System For Truck Washing



The Model HVTWS is designed to automatically treat wash water from high volume truck and vehicle washing operations. The Skid filters the water to wash water quality at up to 100 g.p.m. The system contains RGF's advanced CO³P Catalytic Oxidation System for controlling organics.

Applications

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

- Fleet Washes
- Truck Washes
- Bus Companies
- Food Suppliers
- Package Delivery Companies
- Airports
- High Volume Car Washes
- Military Bases

Specifications

- **Delivery Flow Rate** 100 gpm
- **System Capacity** As per optional tanks
- **Dimensions** 48"W x 72"L x 72"H
- **Electrical** 230/460 VAC, 60 Hz, 40/20 A, 3 phase
- **Final Filtration Type** S.S. Polishing Filters
- **Oxidation System** Dual XL-CO³P Catalytic Oxidation
- **Process Pump** 5 hp centrifugal
- **Delivery Pump** 5 hp centrifugal
- **CFC System Pump** 1/2 hp centrifugal

Standard Features

- **HV-TWS Skid includes:**
 - Process Pump
 - Delivery Pump
 - Lg. Multi-Media Filter
 - Dual High Flow Polishing Filtration system
 - Auto Filter Backflush System
 - XL-CO³P Catalytic Oxidation

Optional Features

- **Optional Tanks includes:**
 - Fresh Water Make-up
 - Overflow Protection
 - Sight Tube

Item #	Recycle System	Delivery Flow Rate	Storage Capacity	Filtration Capacity	Ship Wt.
HVTWS	Ultrasorb® System Model HVTWS	100 g.p.m.	Opt. 550 gal. or 850 gal.	25 Microns	1,050 lbs.

RGF Environmental Group

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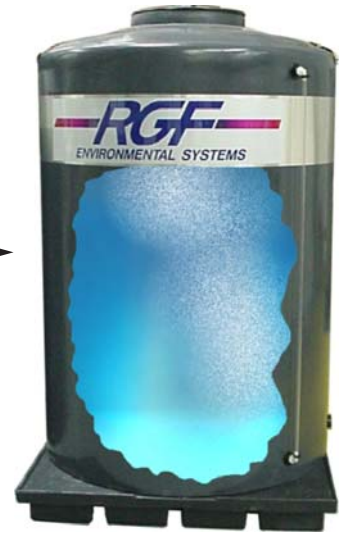
**PROCESS TANK
(Optional)**



HVTWS



**STORAGE TANK
(Optional)**



OPTIONS



RGF's Oil Water Separators are designed to process waste-water containing free oils. The patented systems utilize over five technologies to remove and store the free oils.

In-ground Sump Assemblies

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

RGF Storage Tank Assemblies

RGF has available a full line of UV protected polyethylene storage tanks ranging in size from 165 gallons to 2,000 gallons. The tanks come standard with a vented man way for internal access. The tanks are equipped with tank level sight tube and polyethylene spinfit tank fittings as required

RGF's Centrifugal Coalescing Clarifier

has a unique hydrocarbon accumulator system, which involves the process of injecting the oily wastewater along the circumference of the coneshaped tank to initiate the centrifugal separation of the heavier particles. The free oils are skimmed off the surface of the cone tank and stored in the hydrocarbon accumulator. The precipitated particles settle to the bottom of the cone tank where they are drained into a gravity bag filter for easy removal. Optional ozone, pH, or chemical feed treatments can be added to enhance oil flotation and solids separation.



RGF's pH/ORP Controller

automatically monitors and transmits data for pH/ORP applications such as effluent monitoring, signal conditioning for PC's or PLC's, and simple on/off control of pH adjustment pumps. The kit comes complete with controller, sensing electrode, mounting gland and connection cable. A digital pH Testing pen and pH test strips are available for verifying the pH controllers accuracy.