

PORTABLE VACUUM RECOVERY AND FILTRATION SYSTEM

The RPVRE1 (PVR) is a portable vacuum recovery system that protects the environment by eliminating wash water run off and complies with EPA / governmental storm drain regulations. The PVR is a unique self-contained closed loop system with pretreatment for solids and hydrocarbons absorption. This system processes on a continuous flow basis without delays and offers a quick purge dump for collected solids. The reusable filters allow the operator quick and easy maintenance for continuous performance. The PVR is the most effective portable vacuum and filtration system for mobile washers, auto detailers, fleet washers, floodwater removal or anyone needing to recover wastewater.

TECHNICAL DATA	PROCESS SYSTEM
PUMP	6.0gpm, 45psi centrifugal jet pump with automatic level control
PUMP POWER	115vac / 8.8 amp, Lighted Switches
PRESSURE CONTROL	Built in on demand processing

SEPARATOR TANK	
HOPPER	Polyethylene, Conical Slant Bottom, 16 gallon capacity
OIL SEPARATION	Oil Skimmer absorption pillow
SOLIDS SEPARATION	Gravity Separation with sludge / solids drain
PORTABILITY	Designed for portable operation and mobility

VACUUM	
VACUUM MOTOR	2 stage, 110" sealed vacuum, 102 cfm
VACUUM POWER	115vac / 11.2 amp, Lighted Switch
VACUUM HOSE	1.5" x 25' industrial ribbed
PICK DEVICE	Sand dam barriers with water boom and stainless steel scupper

FILTRATION	
BAG FILTERS	Solids strainer filter, vacuum inlet canister
OIL SKIMMER	Absorbent Skimmer pillow
CARTRIDGE FILTER	Pleated, Polyester, 4.5" x 20" , 20 Micron
REPLACEMENTS	Spare Cartridges: 20m (#VFH07)
WARRANTY	90 day Accessory Warranty
WEIGHT/DIMENSIONS	115# Net Dry Weight, 48" x 20" x 40"

Features and Benefits:

- Meets Current EPA and Storm Drain Regulations
- All Stainless Steel Frame for Corrosion Resistance
- Compact Design for Versatility and Portability~100lbs
- Wet / Dry Vacuum - Transfers up to 200' Away
- Solids Separation / Water Polishing to 20 Micron
- Reusable Filters for Easy Maintenance

Includes...

- (2) Dams, 25' Pick-Up Hose, Scupper

INSTRUCTIONS

1. Locate a centralized collection area near your work and set up damming system. Set pick-up device within the back center of the damming area. Install vacuum hose from the pick up device to the strainer inlet on the system.
2. Install hose from system outlet to storage tank.
3. Attach power cord from power source, if using an extension cord; use 12/3 gauge extension cord, no longer than 50'. (If using a generator a minimum 5500 watt must be used.)
4. Fill separation tank 2/3 full with water to prime transfer pump (float switch in the separation tank should be in the "up" position for automatic pump priming). Turn on transfer pump switch and allow pump to run and shut off.
5. Turn on vacuum switch and begin working. When completed shut off vacuum unit first. After separation tank has pumped out and shut off turn off pump switch.
6. Drain tank residual into 5 gallon pail and dispose of properly.
7. Remove and clean filters and dispose of residual water and contaminants properly per local codes.
8. Your system is now ready for the next job. Always clean system after each job.

Important Notes:

Minimum requirements – 115-volt power, 20amps. Always have ground attached to the system.
 Drain and purge hopper tank daily. Check bag filter and oil absorber daily. Clean filter when needed.
 Clean all cartridge filters daily and replace cartridges regularly, use Hydro Tek replacements or exact equivalents to avoid damage to the pressure washer.
 Do not pump flammable or corrosive liquids at any time.
 Not recommended to be powered by the SC Pressure Washer.
 Review local, state and federal regulations for sewer discharge compliance.
 System not to be stationary mounted or bolted down.



Replacement Parts:

Part Number	Description
VFH07	20 Micron Cartridge Filter