

The Tools You Need for Wash Water Reuse and Flood Recovery



 **HYDRO VACUUM[®]**
WATER RECOVERY

RPV WATER / FLOOD RECOVERY & EVACUATION

RPV: High Volume Water Vacuum with Pump Out

The RPV Hydro Vacuum makes easy work out of water capture and transfer in one step, which eliminates the costly task of having to continually dump the collection tank. Also nicknamed the "flood vac" because it will pickup and pump out up to 50gpm and transfer simultaneously. Ideal for flood or fire restoration contractors and wash contractors who need to eliminate water runoff at a job site or pick up a large volume of water.

The RPV control panel has separate, lighted control switches for vacuum and pump out functions giving you the option to run them independently or together. A basket strainer collects large debris, such as leaves or trash, and quickly lifts out for dumping. There is a drain plug at the bottom of the tank to dump any residual sediment that may have settled to the bottom. (For use with cold water or hot water up to 200°F)

Features

- Easy to use and compact without sacrificing vacuum power
- Pump transfers water out of the recovery tank, while vacuuming continues, without loss of suction
- High water level vacuum shutoff protection
- Install an optional dry work filter for use as a high powered shop/detail vacuum
- Requires 2" diameter vacuum hose and 2" diameter discharge hose

Two Models to Choose From:

RPV30E1: 30 gpm - 115v, 15 amp or 3500w generator

RPV50E1: 50 gpm - 115v, 20 amp or 5500w generator

Vacuum recovery & pump out tests calculated using 25' of 2" vacuum hose and 50' of 2" discharge hose.



Need portability? Roll the RPV near your recovery site by choosing one of the wheel kit options for indoor or outdoor use.

Lift out basket strains out large debris to protect your transfer pump



Using vacuum tools such as a vacuum arch or a Twister Vacuum will increase your efficiency



RGV WATER / FLOOD RECOVERY & EVACUATION

RGV: Engine Drive Water Vacuum with Pump Out

The RGV Gas Vac is an engine powered, water recovery system with pump out. It can be used with either one or two separate pickup devices and is ideal for facilities maintenance contractors who need to collect wash water or for restoration contractors who need to pick up water after a fire or flood.

The unique polyethylene separation tanks are non-corrosive, weigh significantly less than 50 gallon steel drums, and have access to the inside for periodic cleaning & maintenance with a quick lift-off lid. Open the large 1½" valve to purge sludge/solids that settle at the bottom. Each separation tank has an automatic transfer system which pumps the water out to your bulk tank, landscape, or sanitary sewer where permitted, no heavy tipping to dump your tanks. A debris basket in each separation tank strains leaves and similar debris to protect transfer pumps.

(For use with cold water or hot water up to 200°F)



Features

- No external power needed, runs off engine and on-board battery
- Vacuum and pump out simultaneously and automatically
- Recovers up to 25gpm, use up to 350' total hose length – Use with one or two pickup devices
- Air throttle valve, on vacuum tanks, for precise control of air flow when using different pickup devices or varying hose lengths
- Quick-plug connectors for powering the transfer pumps & high water shut down
- Battery box and large fuel tank integrated into frame base while keeping a small footprint
- Requires 2" diameter vacuum hose and 2" diameter discharge hose
- Optional: your choice of vacuum berms, recovery surface cleaners, vacuum accessories
- Optional: Prefilter/solids/sand separation tank (#ATP36)
- Optional: Modular filtration system (Hydro Loop #RPF15E1)



Optional filtration system (#RPF15E1)

Optional pre-filter / solids separation tank (#ATP36)

Vacuum Recovery & Water Recycle

Choose either **AZV (Powered by Hydro Tek Generator Pressure Washers)** or **RZV (Powered by 120v wall outlet or generator)**

AZV55 & AZV88: Powered by Hydro Tek Skids with Generators

Protecting the environment from wash water runoff and complying with governmental storm drain regulations is simple, economical and effective with the AZV Series. The AZV vacuum and filtration system provides 6 stages of filtration up to 8gpm continuous five micron processing of wastewater where soaps and other chemicals are not used.

Wastewater is recovered through a vacuum scupper, up to 12gpm, to eliminate run-off. Recycled water is pumped back to your bulk water tank for reuse to power wash concrete or other flatwork. You may also choose to divert treated water to landscaping or sewer as permitted. Heavy solids are collected in the V-section of the tank and are easily removed through a quick purge dump valve.

When combined with a Hydro Tek SC Series washer and ProTowWash® trailer or tank skid, you have a complete self-contained mobile wash, recovery, and recycle unit. The system is the choice of professional cleaners to protect the environment, conserve water, and comply with EPA storm drain requirements. (For use with cold water or hot water up to 200°F)

Features

- Vacuum recovery rate of 12gpm, with high level shut-down
- Wastewater process rate 5gpm for AZV55, 8gpm for AZV88
- 6 stage filtration process, including 3 oil absorption areas - filters to 5 micron purity
- Rustproof, all stainless vacuum chamber & housing, with external drain
- Automatic pump out, 12v, 15amp, *transfers water without interrupting pickup*
- Complete with a set of filters, oil absorbing sock, containment berms, vacuum scupper, vacuum hose



Use with an optional Twister Vac accessory for both flat surface cleaning and water recovery in one step

Your distributor can assist with custom mounting options.



AZV is factory plumbed and installed when ordered on a Hydro Tek ProTowWash® trailer



Easy to maintain with new lift-out basket strainer and string wound, disposable filter cartridges.



Turnkey system includes 50' vacuum hose, scupper, and containment berms

RZV10E1: Powered by 120v wall outlet or 3500w generator

Same 6 stage filtration as the AZV Series, the RZV can be installed on your existing truck, van or trailer and powered by an outside power source. Includes a 35' power cord with ground fault interrupter that can be plugged into a standard 115v, 15amp wall outlet or a 3500 watt generator may be used for mobile applications. (For use with cold water or hot water up to 200°F.)

Features

- Vacuum recovery rate of 12gpm, with high-level shut-down
- Wastewater process rate 9.8gpm
- 6 stage filtration process, filters to 5 micron purity
- NEW rustproof, all stainless vacuum chamber & housing, with external drain
- Automatic pump out, 115v, *transfers water without interrupting pickup*
- Complete with a set of filters, oil absorbing sock, containment berms, vacuum scupper, vacuum hose



Includes bulk tank filter assembly (tank lid, flange, and filter bag) that connects the ZVAC to your recovery tank

Vacuum recovery tests performed at 30" above ground, recovery rate may be reduced if mounted higher than 30" from ground level

ROTARY SURFACE CLEANERS WITH RECOVERY CAPABILITIES

ANTV5: Heavy Duty Twister Vac Accessory attachment

The Twister Vac is a unique surface cleaner with wash water recovery capability. This surface cleaner connects to your hot water mobile wash skid and a vacuum to clean 20,000 sq. ft. of concrete per hour. Faster and more effectively than using a wand, without splashing dirty water on clean areas, and it eliminates wastewater runoff.

Imagine how efficient you will clean without the hassle of having to do a final rinse, refilling your water tank as often, or containing wastewater runoff all while protecting the environment. You will be able to clean the surface and recycle your wash water for reuse when you connect the Twister Vac to a Hydro Vacuum filtration system. Additionally, recovering hot water reduces fuel consumption to reheat recycled water. Suitable for use on greasy factory floors, concrete parking lots and drive-thru areas, gas stations and garages.

Features

- Stainless steel deck/handle construction for corrosion resistance
- Large 22" cleaning/recovery path, 30" deck
- High RPM, dual nozzle aluminum spray bar
- Max. 6gpm, 4000psi, 200°F
- Requires 2" vacuum hose, pressure washer, and water recovery vacuum



Optional vacuum recovery (#RPV)



Ideal for use outside and inside industrial facilities since wash water is controlled while washing

WATER RECOVERY ACCESSORIES

Sand tubes are simple to set up and efficiently contain and direct wash water towards your recovery vacuum source. These sand tubes are suitable for smooth concrete or rough asphalt and will also conform to surfaces with bends or uneven terrain.



Sand Tube Berm, available in 2' (ZMAT2) & 10' (ZMAT6)



Vacuum Scupper



The Hydro Vacuum Arch is an easy way to recover water. Lay it on the ground, connect a vacuum source (75 - 200cfm) and it will create a vacuum wall along the bottom edge to suck up the water. Suitable for concrete or asphalt with a 5' wide even surface. Hydro Vacuum Arch (ATP40)



6' Foam Rubber Sand Berm (ZMAT7)



Distributed by:

Manufactured in the USA by
HYDRO TEK
 CLEANING EQUIPMENT MFG.
 2353 Almond Ave. Redlands, CA 92374
 phone 800.274.9376 or 1.909.799.9222
 www.hydrotek.us fax 909.799.9888

▶ See all these products in action at: www.hydrotek.us/recycle.htm