

October 2008 product release

AZV88 Vacuum Filtration System

Introducing Hydro Tek's newest addition to the Hydro Vacuum product line.

The AZV88 is a vacuum recovery and filtration unit that when combined with a Hydro Tek SC or SCU Series pressure washer and modular trailer system becomes a fully portable self contained Wash, Recover and Recycle cleaning system.

The vacuum recovery system of the AZV88 uses a vacuum scupper simplifying the recovery process. Complete system includes 50' vacuum hose, scupper, and containment berms.

The AZV
vacuum/filtration unit
is now available for
your higher flow
needs.....8gpm.



AZV88 shown on ProTowWash trailer
(skid and trailer sold separately)

Technical Data...

- Vacuum Recovery Rate 8 GPM
- Wastewater Process Rate 8 GPM
- 5 Micron finish processing
- 40 Gallon Capacity
- Powered by SC or SCU Series skid:
 - Pump 12vdc 20amp
 - Vacuum motor 110vac 8.6amp

The Features...

- A Seamless Polyethylene hopper with large 40-gallon reservoir capacity that won't corrode or leak even in the harshest of environments
- Easy to maintain with replacement filter cartridges
- Heavy duty frame design made from 1¼" heavy gauge steel tubing with integrated mounting bracket
- Large, side-discharge, waste dump valve for quick purging of collected solids
- Heavy duty stainless steel transfer pump

Introductory List Price
\$3895

VACUUM FILTRATION SYSTEM: Trailer Mounted

Protecting the environment from wash water runoff and complying with governmental storm drain regulations is simple, economical and effective with the **AZV** when cleaning concrete on driveways, floors and parking lots. Wash water is vacuumed-up and filtered through 7 stages with reduction to 5 microns and stored in your trailer tank for repeated use by the power washer. Unit is equipped with 2 large capacity pleated filters. No outside power supply is required when connected to a Hydro Tek SC or SCU Series washer and it can become fully portable when factory matched to any Hydro Tek trailer or tank skid to provide reusable water supply for the ultimate in conservation. Clean water rinse can be supplemented with the Hydro Tek dual tank trailer system or with a 3-way valve and float tank.

TECHNICAL DATA	AZV55 – 5gpm	AZV88 – 8gpm
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VACUUM PICK-UP SYSTEM

VACUUM MOTOR	104 CFM, 2 Stage motor, 91" lift, recovers 8 gpm
VACUUM POWER	120v / 8.6amp (Powered by SC or SCU Series Generator)
BARRIER	1) 6' Rubber, Sand Filled Berm, 2) 10' Sand Dam Tubes – sand not included
HOSE	2" x 50' Spiral Vacuum Hose with scupper attachment

SEPARATOR TANK

HOPPER	Polyethylene Seamless Molded, Slant Cone Bottom, 40 gallon capacity
OIL SEPARATION	Center Water Column Removal Process, Single Oil Skimmer Bag 40# capacity
SOLIDS SEPARATION	Gravity Separation with 1-1/2" sludge / solids drain
MOUNTING	Factory installed and wired on Hydro Tek trailer (dealer installed on truck or existing trailer)

FILTRATION – 7 STAGE

TRANSFER PUMP	4.9gpm 45psi Triplex Diaphragm with pressure shutoff and automatic level control, 3/4" hose	9.5gpm 25psi Stainless Steel centrifugal pump and automatic level control, 1" hose
PUMP POWER	****12vdc / 13 amp, Circuit Breaker Protected, Lighted Switch (Powered by washer battery)	12vdc / 20 amp, Circuit Breaker Protected, Lighted Switch (Powered by washer battery)
INLET FILTER	Duo Flow Dirt Bag 7" x 26", mounted inside separator tank	
FINAL FILTER	1) 5 Micron Polyester Felt Bag 7" x 32", mounted on lid in storage tank	
OIL SKIMMER	8" x 24" Absorbent Skimmer, Sludge Drain	
CARTRIDGE FILTER	1) 20 micron pleated polyethylene filtering material, 32 sq ft	
CARBON FILTER	1) 10 micron pleated, activated carbon filter, oil and odor removal, 32 sq ft	
STRAINER BAG	Use only for capture-recovery-pump out feature Optional 800 micron	Feature not available
WARRANTY	One year accessory warranty	
DIM / WEIGHT	19.5" x 28" x 49" / 132 # dry weight	

****Also available as a 120V (model# RZVE1) - Requires 3500 watt generator or standard 120V wall outlet.



Featuring:

- ✓ Compatible with SC or SCU Series washers and factory installed when ordered with a trailer – No outside power source needed.
- ✓ Frame design allows for direct deck mounting on customer owned truck beds and flat trailers.
- ✓ Simple to run with automatic pump and vacuum controls.
- ✓ Easy to maintain with replacement filter cartridges.
- ✓ Recycled water is suitable for reuse by the washer to clean concrete and other flatwork while conserving water use and discharge.
- ✓ Filtration bypass/recovery only mode installed for recovery-pump-out applications where permitted.



Optional Twister Vac (ANTV3) available: Rotary surface cleaner that vacuums wash water as you clean.

TO: _____

COMMENTS: _____

YOUR PRICE: _____

DISTRIBUTED BY: _____

Turnkey system comes complete with 50' vacuum hose, scupper, deluxe containment berm, and two 10' barriers (not shown)