

**Mobile Vacuum  
Filtration System**

Protecting the environment from wash water runoff and complying with governmental storm drain regulations is simple, economical and effective with the **AZV / RZV** when cleaning concrete on driveways, floors and parking lots. Wash water is vacuumed-up and processed through 7 stages of filters. If you choose to transfer the treated water to your trailer bulk water tank, the water can be reused by your power washer to clean concrete and other flatwork, for the ultimate in water conservation. No outside power supply is required for an **AZV Series** as it is designed to be connected to a Hydro Tek SC or SCU Series washer and it can become fully mobile when factory matched to any Hydro Tek trailer or tank skid. Clean water rinse can be supplemented with the Hydro Tek dual tank trailer system or with a 3-way valve and float tank. For users who are not using a Hydro Tek SC or SCU skid for washing, the **RZV Series** is powered by a 3500watt generator or standard 120v wall outlet.

**AZV55 – 5gpm**

**AZV88 – 8gpm**

**TECHNICAL DATA**

**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 Requires optional 800 micron filter bag	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 for 5gpm and RZV10E1 for 10gpm)  
Requires 3500 watt generator or standard 120V wall outlet.**



**Featuring:**

- ✓ Frame design allows for direct deck mounting on customer owned truck beds and flat trailers.
- ✓ Simple to run with automatic pump and vacuum controls. (Inlet water should be at or below 200° F)
- ✓ 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 controlling discharge.
- ✓ Filtration bypass (recovery only mode) installed on AZV55 for collecting water when filtration is not needed.



Optional ANTV3  
Twister Vac for  
flat surface cleaning  
and water recovery  
in one step



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

Distributed by:



**HPI PROCESSES, Inc.**  
1030 Revenue Dr., Telford, PA 18969

Phone : 1-215-799-0450  
Fax : 1-215-799-0459

Toll-Free : 1-888-733-2832  
**www.hpipro.com**