

Auto-Pump-Out.. Reliability is a management skill !

The auto-pump-out has the herculean task of pumping out, against the vacuum, with sand and mud in its throat, with some level of reliability..

The auto-pump-out is the Hardest-working component in a reclaim system. And as these vacuums are designed for more difficult lifting of higher volumes of water, through longer and longer lengths of smaller than desirable hose (in some circumstances) ..

The Best you can do for it, is give it the Best opportunity to run unencumbered, with as little debris in its throat as possible, with positive prime, minimized backpressure. And so.. For the best possible productivity on the jobsite, and the least “filter babysitting”, a solid plan for maintenance cleaning, and trapping debris, sand, silt and mud, becomes the Most important “finesse” you can apply to jobsite management..

Filtration starts at the suction port of the chosen tool..

A VacuBerm sips water off of a surface very nicely, but it also traps debris bigger than mediumSized sand.. If there's too much sand and debris, lay a SiltFilter inFrontOf it.

A PuddleSucker glugsUp gallons superQuick, but sand comes right through..

..so a SandTrap might be in order to protect the AutoPumpOut tank from being inundated with sand, as the pumpOut would be less reliable. The SandTrap can be configured with many different filter types and sizes available.. to catch sticks, leaves, Sand, silt, mud, dry trash & dirt, or whatever. You can even stop sticky goo from a paver stripping job from screwingUp your AutoPumpOut tank, in a manner which is cheap & easy to manage.. with burlap sacks. So “**plan your work, and work your plan**”.

You'll have to Plan your work, based on what the jobsite requires..

..Don't “blame” the tools, if you're not using them “Wisely”.

..And, don't blame the system, if you're Not making it easy to operate.

Filtration in the AutoPumpOut tank starts at the inlet..

Burlap Sacks could catch sticks and cigaretteButts, FilterSock can catch large sand, BagFilters can catch debris down to fine grit. Any of those can be added.

APO tanks include a “slide-in” FilterScreen separating the inlet side, from the APO pump..

It is made with very cleanable chemical resistant materials, capable of stopping medium sized sand and larger debris, plus it has a layer of oleophilic fibers we call “Oilphyllic”.

So.. the APO tank is quite capable of filtering well enough to pump waste water right onto landscaping, or down a sanitary sewer, depending on the laws in your area.

The pumpOut can handle mediumSized sand with no problem, as long as there's more water in its face than sand. All that filtration before the pump is insurance that the pumpOut has its best opportunity to be reliable.

The “cage filter” is screwed into the vacuum-suction port to catch debris that might get sucked into the vacuum/air mover. It is made of beefy galvanized and plastic-coated mesh to resist collapse, and is covered by a plastic-cloth wrap to protect the AirMover from debris.

..a BagFilter over the cage, can be used to stop dust, or a cleanable pleated filter can be used for much larger dust-load applications, as in warehouse or vehicle maintenance.

Next, read the instructions we have written on protecting the airMover from moisture.

..and CALL US ! with any and every question !

call.. 619-448-8111

or.. e-mail.. info@PressureWasher.net

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