

It is no secret that water and sewer costs have risen and that there is no end in sight. For car wash operators that want to manage water and sewer costs and prevent their profits from going down the drain, this requires the addition of an economical water reclaim system to their operation.



The *PROPAK Aqua Limited*™ is a unique reclaim system that incorporates the first two steps of our complete water restoration system.

Settling

First, the *Aqua Limited*™ system utilizes your existing multi-stage collection tanks allowing gravity to do its job and settle out the heavy solids.

Aeration and Odor Control

In the second stage, we infuse the wash water with atmospheric oxygen with our aeration membrane manifold. This starts the natural process of transforming anaerobic bacteria into aerobic bacteria. As they consume waste, the aerobic bacteria discharge a harmless gas that contains no odor that eliminates the need for an Ozone injection system.

Solids Separation

The third step in the process incorporates hydrocyclones to remove the remaining solids down to 5 microns. This is achieved by pumping the third stage aerated water through our cyclonic separation manifold and into our conical settling out chamber as well as the storage source to feed the odor free water to the VFD controlled repressurization (delivery) pump.

Expandable System

We have designed the *Aqua Limited*™ to grow with your operation. As your needs for reclaimed water increase, the system is expandable to produce more reclaimed water by simply adding more cyclonic separators and larger capacity pumps. The unit's footprint does not change. An optional enzyme injection system is available to increase the system's biologic activity resulting in even better reclaim water quality.

AND, if your needs change and you would like to improve your reclaimed water quality even further, the *Aqua Limited*™ system is upgradeable to the *PROPAK AquaBio Complete*™ water restoration system.

Energy Wise

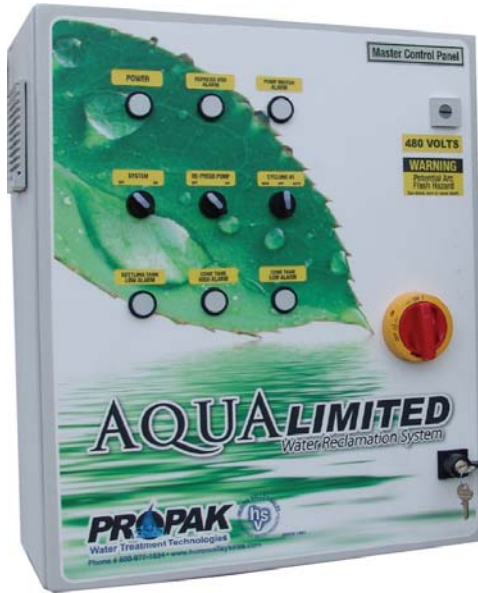
The *Aqua Limited*'s unique process controller allows for a cycling period which eliminates the 24/7 need for our pumps. This results in longer equipment life and reduced operating costs.

Standard Features include

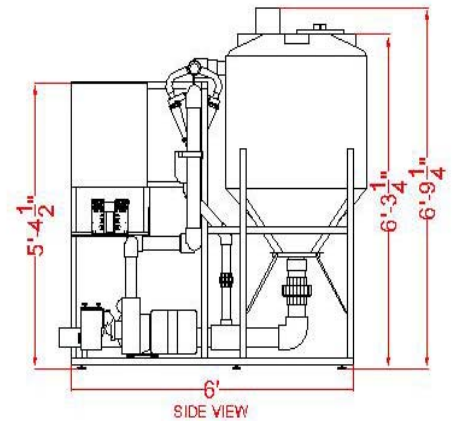
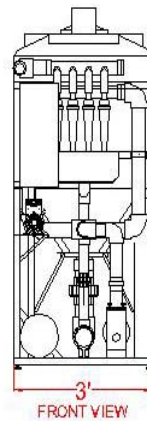
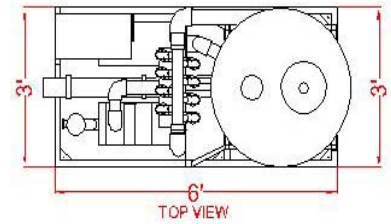
- ▲ 5 Micron Water Quality
- ▲ Aeration System for odor control
- ▲ Self priming (or optional submersible) cyclone pumps
- ▲ VFD Controlled 316SS Repressurization Pump
- ▲ Minimal Maintenance Required
- ▲ Easy to clean and monitor cyclone separation manifold
- ▲ Guaranteed Performance – Extend Warranty non standard
- ▲ Incremental sizing - 20 GPM and up
- ▲ Expandable output & upgradable water quality
- ▲ Powder coated frame assembly
- ▲ Flexible Connection Options
- ▲ Small footprint, 76" L x 36" D x 70" H

Optional Features include

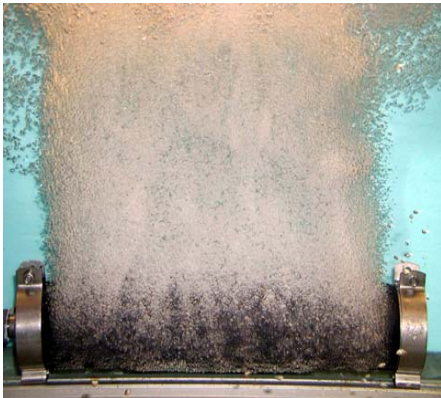
- ▲ Vortex Submersible Pump – eliminates the foot valve
- ▲ Stainless Steel Framework



CONTROL PANEL



SMALL FOOTPRINT



AERATION MEMBRANE

Contact your local Propak Water Treatment™ products distributor in your area or contact us at:

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