



The Pro Limited is an entry-level water reclaim system that recycles used wash water for reuse. Since the Pro Limited does not contain a biological component for removal of car wash chemicals, the recycled water from this system should only be used in the early stages of a wash.

The Process

Solids Separation

Via gravity, solid matter suspended in the water settles to the bottom of a series of tanks. These solids can then be collected and hauled away.

Aeration

Used water enters the aeration tank where oxygen is infused into it. This infusion causes the naturally occurring microbes to switch from their anaerobic to aerobic state. In their aerobic state these microbes give off odorless carbon dioxide (CO2) gas.

Cyclonic Separation

From the aeration tank, the used water is pumped into a series of cyclones that separate out any remaining suspended solids larger than 5 micron (approximately the size of one human blood cell).

Centripetal Separation and Water Re-pressurization

After cyclonic separation is complete, the used water enters the conical tank where it goes through further separation. The conical tank also acts as a water storage unit, repressurizing the water and sending it back to the wash upon demand.



System Sizing

With a footprint of only 3' x 6' and built-in standard sizes of 20, 40, 60, 80, 100, 120, 140 and 160 GPM, the Pro Limited is an ideal water reclaim system for existing locations with limited space.

Key Features

- Low maintenance
- Pre-wired and pre-plumbed
- No expensive ozone replacement parts
- No chemicals or filters
- Fully automated control panel
- Expandable to become a Full Bio Complete system

How the Pro Limited Differs From Other Water Reclaim Systems In The Industry



None of our systems use dangerous ozone. Ozone is ineffective at removing odor and chemicals from used wash water. Ground level ozone at high concentrations has been found by the EPA to cause health effects ranging from headaches to long-term lung damage to death



All of our systems use natural aeration to eliminate odor from used wash water. We guarantee NO ODOR with our systems



Our Pro Limited system cyclonically separates out remaining suspended solids down to 5 micron (approximately the size of one human blood cell).



Contact Us

📍 Aqua Bio Technologies
8115 S. Lemont Road
Darien, IL 60561

📞 877-881-9141
🌐 www.aquabio.co
✉ info@aquabio.co

📘 [aquabioco](#)
🌐 [aquabio-technologies](#)
🐦 [aquabioco](#)