



The Pro Rain is a rain-harvesting system that collects, stores, and pressurizes water from a building's roof and/or parking lot for reuse. In most cases, the rainwater collected will be soft water and will have a pH range of 6.5 to 7.5.

The Process

Collection

All downspouts and lot drains are plumbed in such a way that the water can flow directly into the underground rainwater storage tank.

Aeration

After the rainwater enters the storage tank, it is infused with high volumes of oxygen. This aeration prevents the rainwater from developing an odor which can form in stagnant water.

Rainwater Repressurization

On demand, the rainwater is pressurized and sent to the wash for use. The system comes with a high/low level float sensor; if low water level is reached, the repress pump will turn off and the system control panel will automatically switch a 3-way valve to city water for all devices running on rainwater.



Collected water can be used for:

- Wash water
- Chemical mixing
- Rinse water
- Washing towels
- Supply water to make RO spot-free rinse water (based on quality)
- Watering lawns and plants
- Flushing toilets (if an additional UV system is added)

A rainwater collection calculation can be supplied to anyone investigating the possibility of installing a Pro Rain system. The square footage of the building's roof and/or paved lot is required for this calculation. Contact your local equipment distributor or the staff at Aqua Bio for your site-specific collection calculation.

How The Pro Rain Differs From Other Rainwater Recycling Systems In The Industry



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



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



100% of the used water collected into the Pro Rain Water Harvesting System can be reused. Since the water (in most cases) is clean, soft water, it can be used in ALL car wash applications, including to send to an RO for spot-free rinse water.



Contact Us

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

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

📘 [aquabioco](https://www.facebook.com/aquabioco)
🌐 [aqua-bio-technologies](https://www.linkedin.com/company/aqua-bio-technologies)
🐦 [aquabioco](https://twitter.com/aquabioco)