

The Bio Softreat system is the first-ever closed-loop biologic water restoration system add-on for the vehicle wash industry. With this system, you'll be able to use biologically restored H₂O to produce spot-free rinse water. The only fresh water your wash will need will be to replace evaporation and carry out.

The Process

Bio Complete Process

The six step Bio Complete Water Restoration process.

The Softreat

Water is sent from the bio complete clean water tank and sent to the softreat system. Our Softreat system disinfects the microbes so that the microbes can be filtered out of the water before the water is sent to the reverse osmosis system.

Carbon Filtration

The Carbon filter is used to filter out the disinfection chemical dosed in during the Softreat treat and any chlorine that comes in with the city water.

Anti-Scalant Dosing

The Anti-Scalant dosing system does a chemical injection into the water going to the RO. The anti-scalant doesn't soften the water it merely prevents hard water minerals from sticking to the membranes and the minerals pass out with the reject water from the RO.

Reverse Osmosis

The biologically restored water is then sent through a reverse osmosis system which removes all impurities out of the water. After going through the RO system, the water is held in an RO storage and reject water storage tank.

Repressurization

The water is repressurized from the RO storage tank and sent to the spot free rinse arch.



How the Bio Softreat Differs From Other Water Recycling Systems Out There



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



Naturally occurring, harmless microbes consume chemicals out of the used wash water as it passes through the bio tank



Reuse 100% of the used water collected into the Bio Complete System. Since the chemicals have been removed from the water that goes through the Bio Complete Water Restoration Process, the water is clean enough that it can be used in ALL applications in a wash except to send to an RO for spot free rinse water.



Cyclonically separate out remaining suspended solids down to five micron (approximately the size of one human blood cell)

Contact Us

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