



“How do I efficiently reduce the operating costs of my car wash?”

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With our latest sustainable solution for water recycling:  
The Mark VII AquaPur™

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## Mark VII AquaPur™ – Save water! Save money!

Mark VII AquaPur™ reduces the fresh water consumption of the car wash down to a minimum. You are investing into the latest technology in water recycling that leaves nothing to be desired. With Mark VII AquaPur™, the highest standards of water quality and sustainability are met.

### Your advantages with Mark VII AquaPur™:

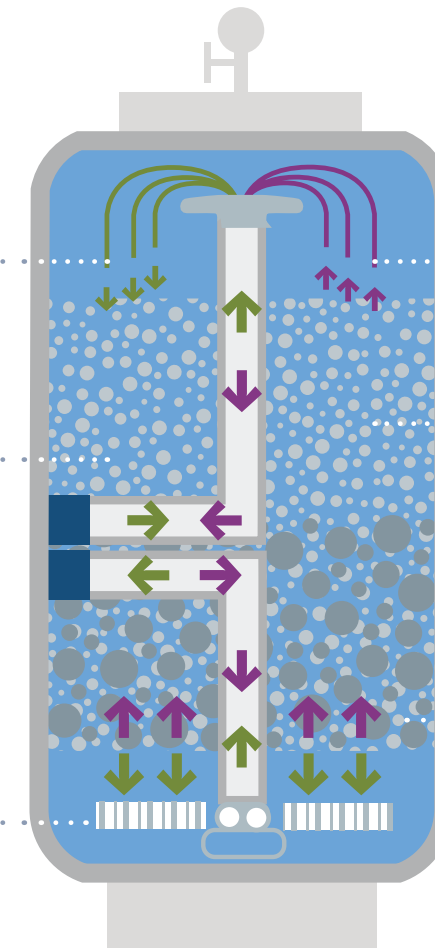
- Up to 75% less energy consumption compared to the leading competitor
- Superior recycled water quality: Re-use water for majority of process steps in your car wash
- Efficient and profitable: Minimize your operating costs
- Flexible and space saving: Installation possible even in the tightest of spaces
- Ozone deodorization system: Reliably prevents bad odors
- Remote capabilities: Connectivity with Mark VII Plus

### Filtering

Water from the last underground storage tank is pumped into the filter.

Special silica sand filters out dirt particles from the water as it flows from the top to the bottom of the filter.

Filtered water is pumped into an above ground buffer tank, ready to be re-used for washing.



### Backflushing

The dirt particles are transported away into the first underground storage tank for sedimentation.

The resulting turbulence releases the dirt particles held back by the silica sand.

Backflushing of the filter is performed by pumping water in the opposite direction (from the bottom to the top of the filter).

### Mark VII AquaPur™ process cycle

Water used in the car wash is captured in the wash bay and flows down into the underground water storage tanks for sedimentation. The addition of ozone prevents unpleasant odors. The water is then pumped above ground from the last underground tank into a filter through a suction line. The filter is filled with special, partly coarse, partly fine silica sand which holds back dirt particles. The filtered water then flows into an above ground recycled water buffer tank. It is then pumped from the buffer tank to the car wash for re-use.

The filter automatically cleans itself by backflushing periodically. Water is pumped in the opposite direction as during filtering. The water flows from the bottom to the top of the filter and releases the dirt particles held back by the silica sand, transporting them away back into the first underground storage tank for sedimentation. When there are no cars being washed, water is automatically recirculated via a circulation line to prevent stagnation. Excess water is disposed into the sewage system.

## How can you benefit from water recycling?

### Reduced operating cost of your car wash

Investing in a Mark VII AquaPur™ water recycling system pays off: By capturing, filtering, deodorizing and re-using the water used when washing vehicles, you save a great deal of money by reducing water and sewer bills.

### Easy handling

Water recycling with Mark VII AquaPur™ does not cause you any extra work: The system is low-maintenance, reliable, user-friendly and fully automatic.

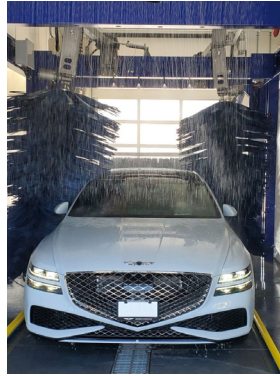
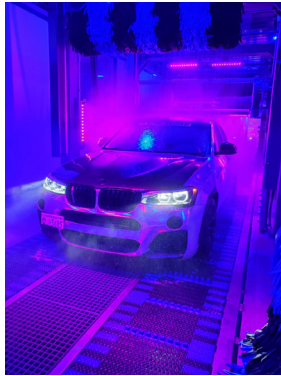
### Fits everywhere - even in the tightest spaces

Compact and modular design, variable installation concepts: Mark VII AquaPur™ is space-saving and offers maximum flexibility.

### Odor-free

Water recycling with Mark VII AquaPur™ does not release any unpleasant odors: The addition of ozone into the water reliably prevents odor emissions.

# Car wash means WashTec/Mark VII. Worldwide.



More than **35,000** carwashes worldwide.

WashTec/Mark VII equipment washes **over 2.75 million vehicles a day** around the globe.

Driving carwash growth in over **70** countries.

More than **1,700 employees** help us shape the future of the carwash business, including over **600 service technicians**.

Over **50** years of carwash innovation.

We set the standards in the **carwash business** – and actively push the market forward.

*We are focused on providing clean,  
dry, shiny cars.*

[www.markvii.net](http://www.markvii.net)



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CLEAN CARS®