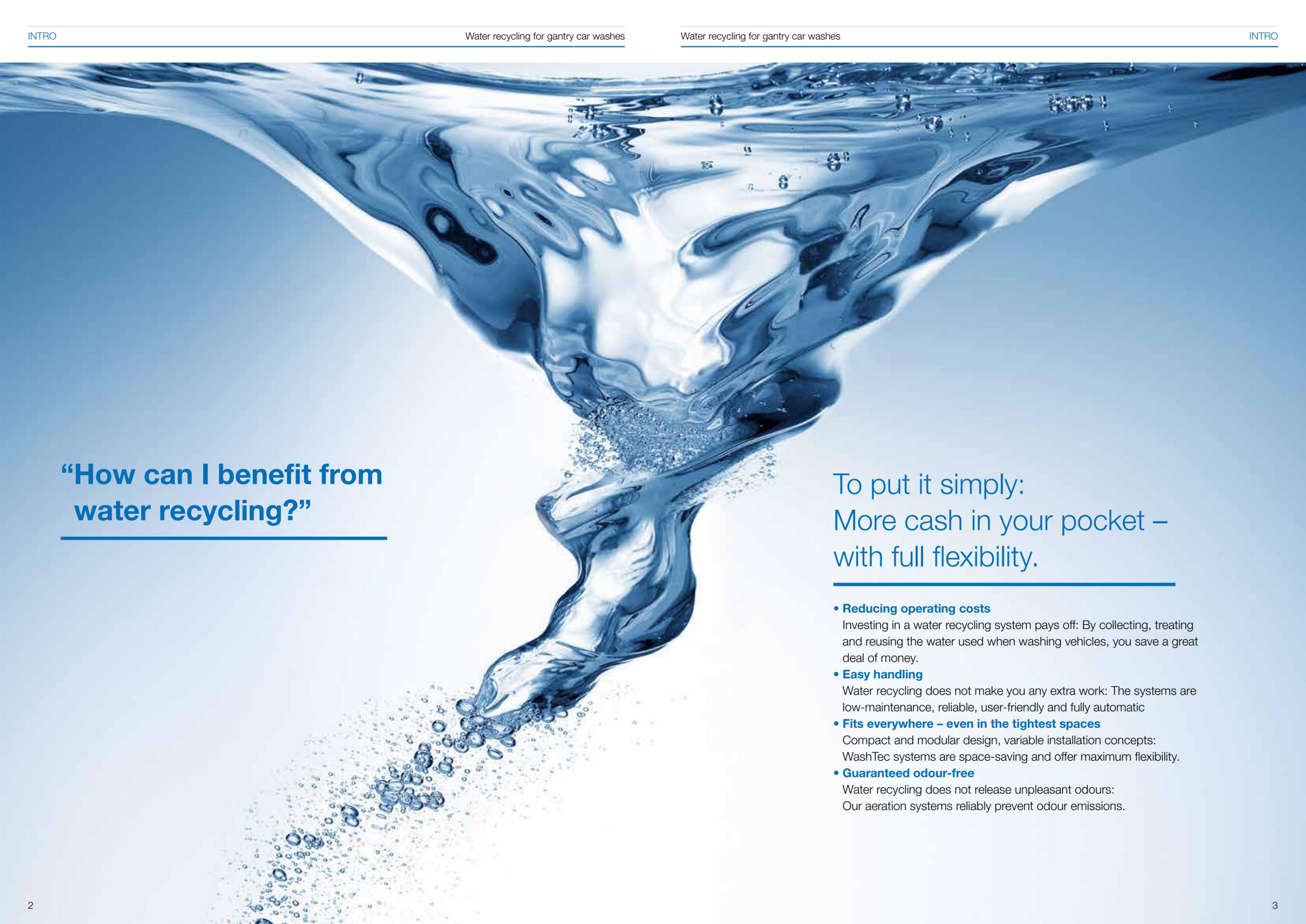




“How do I efficiently reduce the operating costs of my gantry car wash?”

With sustainable solutions
for water recycling.



“How can I benefit from water recycling?”

To put it simply:
More cash in your pocket –
with full flexibility.

- **Reducing operating costs**

Investing in a water recycling system pays off: By collecting, treating and reusing the water used when washing vehicles, you save a great deal of money.

- **Easy handling**

Water recycling does not make you any extra work: The systems are low-maintenance, reliable, user-friendly and fully automatic

- **Fits everywhere – even in the tightest spaces**

Compact and modular design, variable installation concepts: WashTec systems are space-saving and offer maximum flexibility.

- **Guaranteed odour-free**

Water recycling does not release unpleasant odours: Our aeration systems reliably prevent odour emissions.



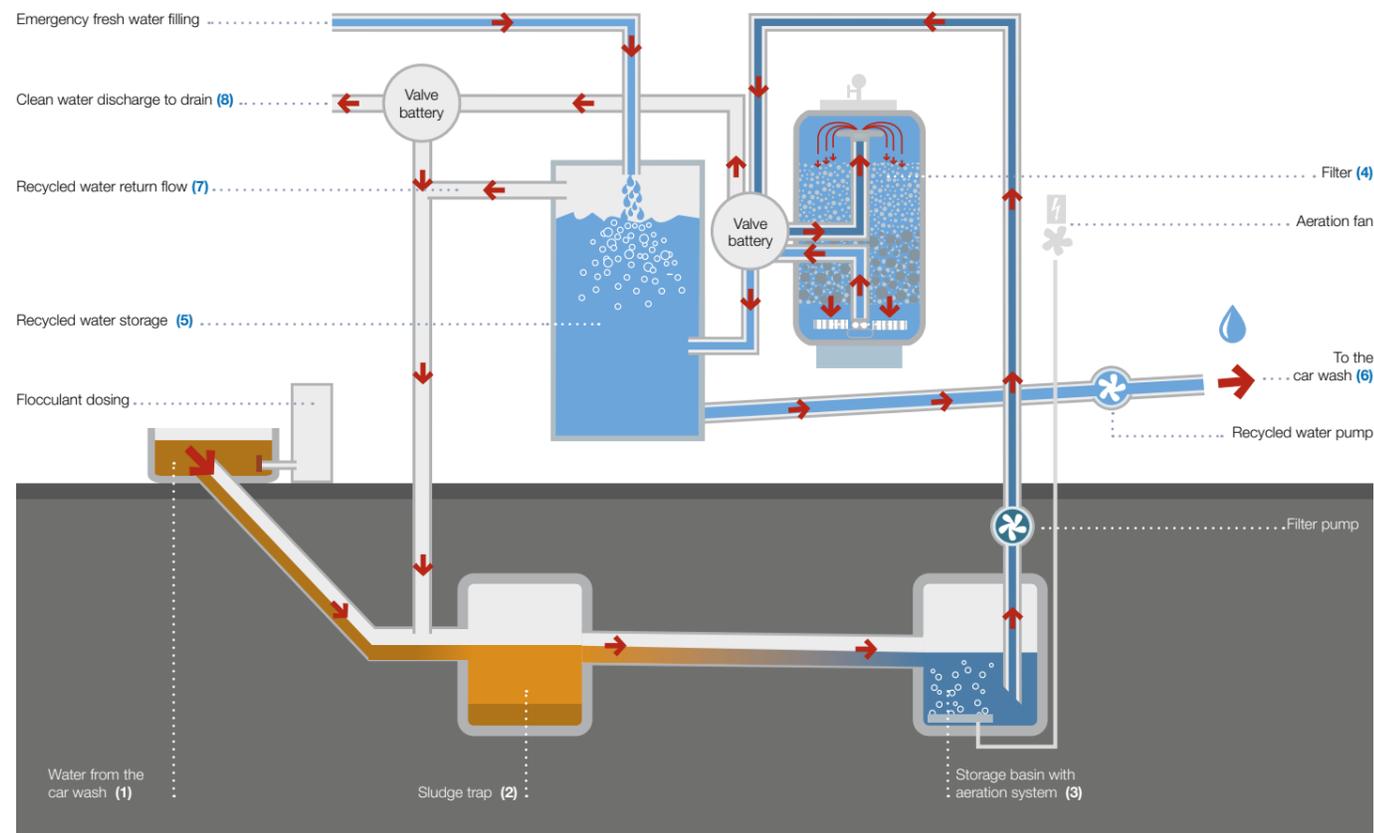
AquaPur Modular – save up to 90% fresh water!

Our AquaPur Modular reduces the average fresh water consumption of a single car wash from up to 150 litres to just 15 litres. You are investing in a modern system that leaves nothing to be desired. With the AquaPur Modular, the highest standards of sustainability are met.

Your advantages with AquaPur Modular:

- Recovery of almost 100 % of the wash water
- Water flow rate 3 m³/h or 6 m³/h
- Efficient and profitable: Minimise your operating costs
- Flexible and space saving: Thanks to the compact design and variable mounting concepts, installation is possible even in the tightest of spaces
- Individually adaptable: The right system for your site and your car wash business
- Modular design: Design your water recycling system according to your requirements. You can choose from a variety of options and upgrade your system at any time.
- Type approval Z-83.3-24

Find out more on our website:



AquaPur Modular process cycle

The water from the car wash (1) flows down into the sludge trap for sedimentation (2) and from there into a storage basin with aeration system (3) that reliably prevents odour emissions. The pre-treated water is pumped through the filter (4), which is made of special, partly coarse, partly fine quartz gravel. The cleaned water then flows into the recycled water storage tank (5). It is pumped from the storage tank to the car wash for re-use (6).

The system cleans itself by backwashing. Backwash water is fed back into the sludge trap. During breaks in washing, the service water is recirculated via the circulation line (7). Excess water is directed into the sampling drain or the sewage system (8) for disposal according to local regulations.

Innovative options:



SludgeSensor
Automatic sludge level measurement
Sludge level measurement has never been easier



WaterStop
Automatic fresh water emergency switch-off
For maximum operational safety



AntiSmell
Deodorisation system for odour prevention
Prevents odours before they develop

Ideal to combine with **AquaFloc Universal** – special flocculant from AUWA Chemicals.

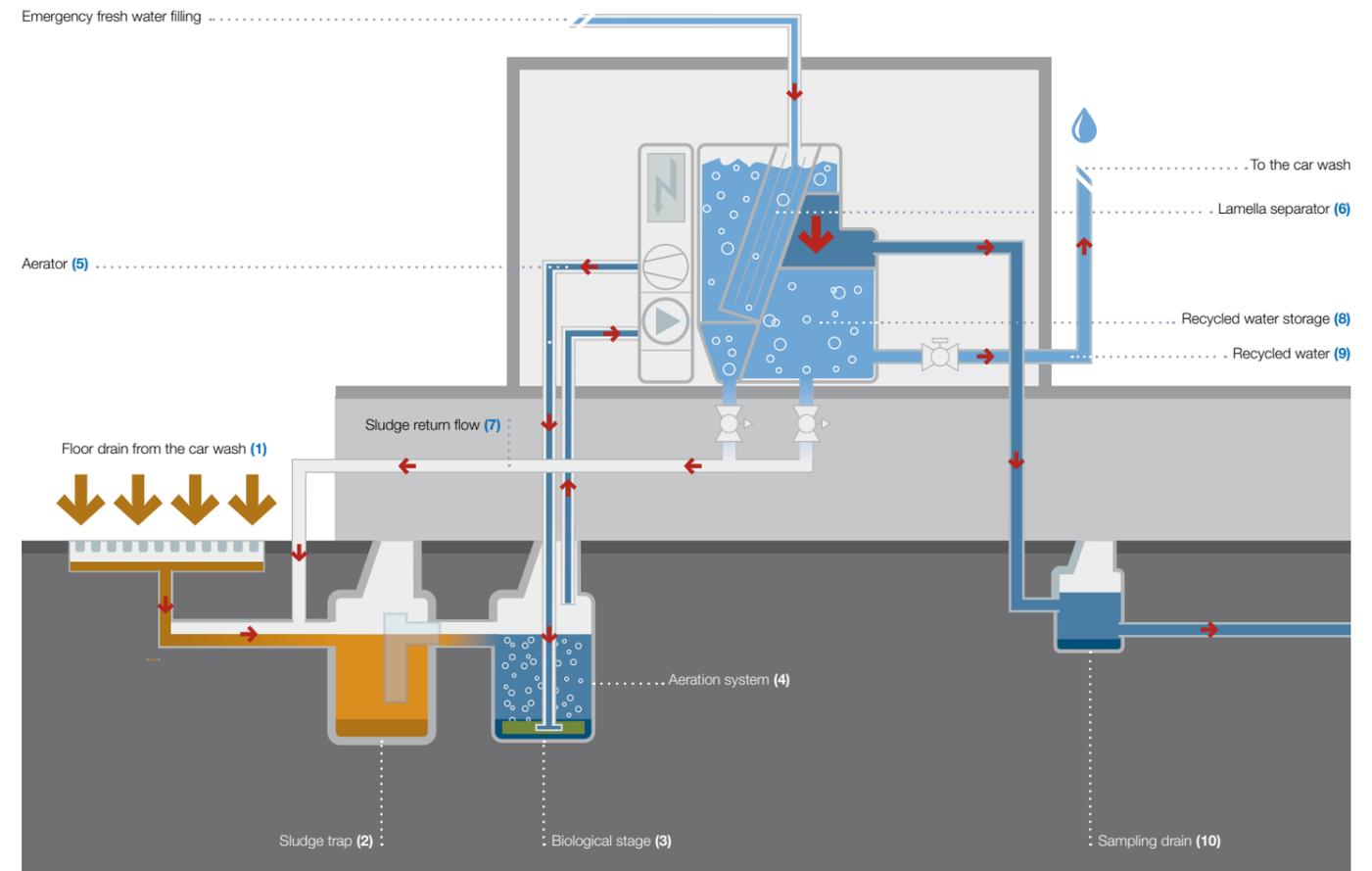
Available in our online shop uk.carwash-shop.com



AquaBio® – the biological alternative.

AquaBio® treats water fully biologically. The so-called biofilm process uses microorganisms to convert wastewater substances. Without additional chemicals and therefore without any additional running costs for you.

Find out more on
our website:



AquaBio® process cycle

The water from the car wash (1) flows down into the sludge trap (2) for preliminary sedimentation and from there into the biological stage (3) which contains a special carrier material for microorganisms as well as an aeration system (4). Highly active microorganisms settle in it after only a short time and remove hydrocarbons, detergents and organic substances from the water. An aerator (5) provides the required amount of air for the biological reaction.

The biologically treated water is pumped into the lamella separator (6), a secondary clarifier. Water with particles of excess sludge flows through the lamella separator. Sludge particles settle on the lamellae and are periodically fed into the sludge trap (7). The water, which has been treated in three stages, then flows into the recycled water storage tank (8). From the storage tank, it is pumped to the car wash (9). Excess water is disposed of by being discharged into the sampling drain (10) or directly into the sewage system according to local regulations.

Your advantages with AquaBio®:

- Recovery of almost 100 % of the wash water
- Water flow rate 4.5 m³/h
- Compact design, low space requirement, variable installation concept
- Type approval Z-83.1-12



**Conversion of substances
dissolved in water**



Chemical-free operation

Car wash means WashTec all over the world.



More than **40,000** installed machines.

WashTec is used in car washes around the world – **and washes 2 million vehicles** a day!

Represented in over **80** countries.

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

Over **50** years of leadership in innovation.

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

Our own car wash chemicals from **AUWA**.

Perfectly tailored to our systems and the requirements of businesses and their customers.

www.washtec-uk.com



WashTec systems and washing chemicals are VDA-compliant.

WashTec UK Ltd.

14a Oak Industrial Park | Chelmsford Road Great Dunmow | Essex CM 6 1XN
www.washtec-uk.com | www.auwa.de/en | uk.carwash-shop.com

 **WashTec**