

Environmental care: Kärcher water reclamation systems.

Kärcher water reclamation systems save money while protecting the environment. Using innovative physical filtration, waste water is fully fed back to the washing process and fresh water consumption is reduced by up to 85%.



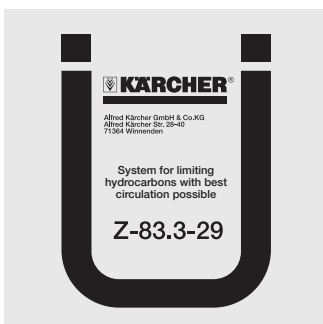
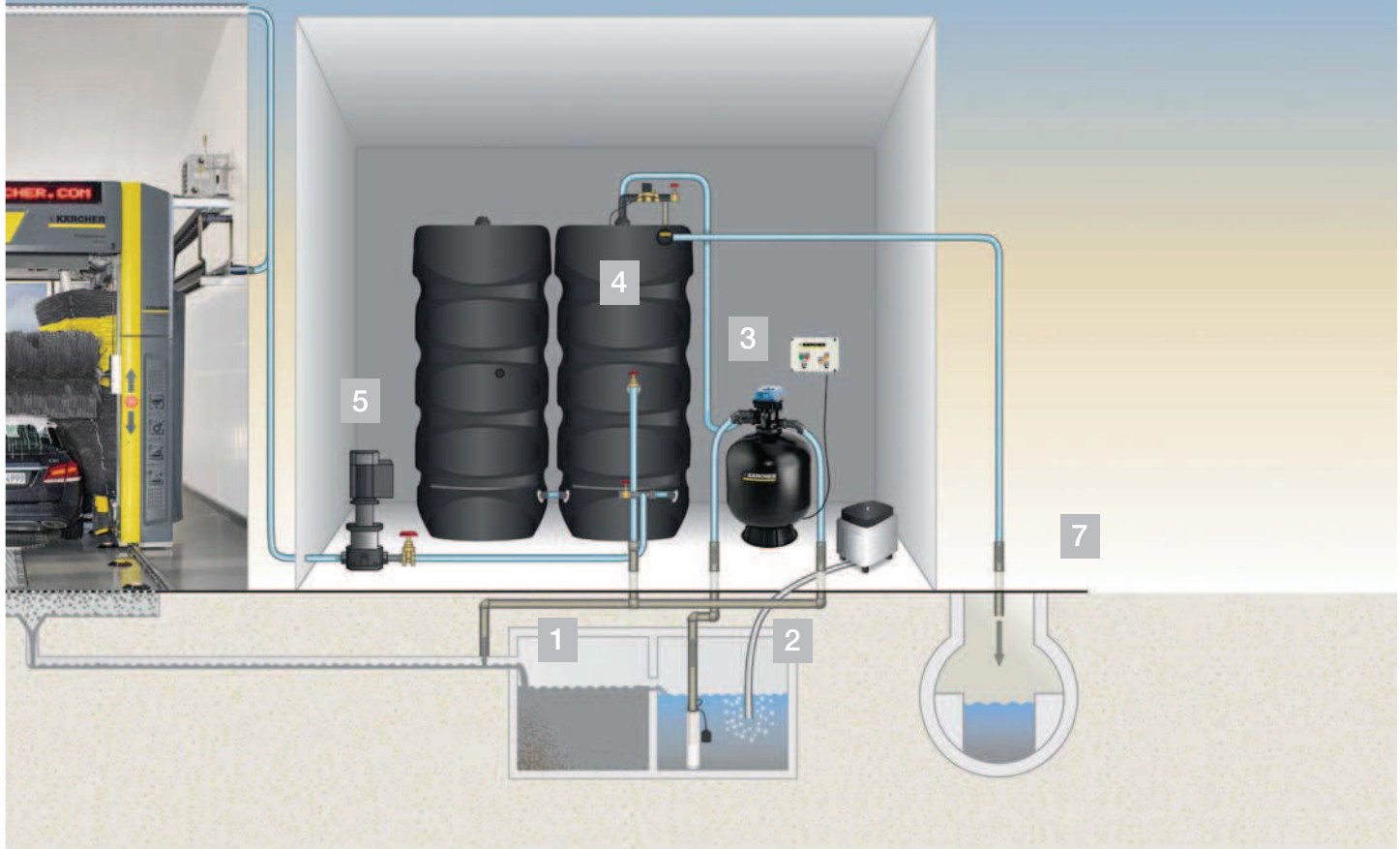
A Discharging wastewater via the recycled water tank into the sewage system

B Discharging wastewater via the reservoir system into the sewage system

The recycling cycle

The waste water flows through the sediment basin **1** to the pump storage basin **2**. From there it is pumped through a sand filter with automatic backflush capability **3** into the recycled water tank **4**. A supply pump **5** draws water from this tank for the washing process. Excess water can be discharged via the

overflow of the pump storage basin into the sewer either directly or via a separator, depending on legal **6** regulations. The waste water can also be discharged to the sewer directly from the recycled water tank **7**. In this case there is no connection between the pump storage basin and the sewer.



The WRP 8000 has DiBt type approval. This serves as proof for the best possible circulation in accordance with Appendix 49 of the German Waste Water Ordinance (AbwV). It also makes the official environmental approval process significantly simpler.



WRP 8000

Technical data

Flow rate	l / h	8,000
Power input	kW	1.3
Power supply	~ / V / Hz	1 / 230 / 50
Buffer tank capacity	l	1,000 – 3,000