SAVING WATER IS SMART

Water is the most important food. Without water there can be no life on our earth. Although 3/4 of the earth's surface is covered by water, only 0,3 % of the total water supply is available for drinking. And yet: We are very wasteful with our drinking water!

So water is a very precious raw material. Even more valuable is hot water.

Steady drop cost money

A rinsing toilet flush isted around 50 liters of water a day – about 18.250 liters per year. At a water price of 3,77 euros / m³ (including waste water), the repair of the toilet flush saves approx. 69 euros per year.
Up to 17 liters of water run daily through a dripping water tap unused into the drain – this is about 6.205 liters per year. At a water price of 3,77 euros / m³, the sealing of the water tap saves approx. 23 euros per year.

Average water consumption per person per year	
drinking & cooking	4 Liter
dish washing	6 Liter
cleaning	6 Liter
personal hygiene	8 Liter
laundry	20 Liter
toilet flushing	25 Liter
bathing & showers	44 Liter

Saving water with little investments

For relatively little money, water-saving devices can be retrofitted. Most of these devices are paid for within a year, especially if you save hot water and thus also energy.

- **Perlators** resp. aerators save up to 5 liters of water per day. For modern fittings, they are already installed by the manufacturer.

- **Flow limiters** are usually used for showers between the valve and the hose – saving about 10 liters per day.

- **Saving diverters or taps resp. valves** are available for the kitchen sink and bathroom. The water saving is about 15. liters per day and person.

- Single lever and thermostat fittings help save water and energy.

- New toilet flushing cisterns have only 6 liters capacity and have a button with which the flushing can be interrupted.

- WC cistern weights – saving effect approx. 20 liters per person/day.

- Short and well insulated hot water pipes save energy.

Saving water without aquisition costs

If you use less hot water, you save money.

- Turn off the water during brushing.
- Shower instead of bathing: A full bath needs about three times as much energy and water as five minutes shower.
- If there are long hot water pipes and you need just a small amount, think about using cold water instead if possible.
- A hot water temperature of 60 °C in the boiler or reservoir is sufficient and keeps the calcification in limits.

Water heating with electricity is expensive

The water heating with electricity is simple – but expensive. The costs for a 4-person household can be up to 500 euros and more per year. Electric water heating makes sense only where water is rarely taken or where hot water pipes have to be laid over long distances.

- Regularly decalcify the equipment.
- New hot water appliances save energy compared to old, calcified appliances.
- Set the hot water temperature to medium – hot boilers calcify faster.
- Switch of completely boilers or reservoirs, which are rarely used or use a timer.
- For small underfloor boilers, there are thermal-stop switches that prevent the boiler constantly heating up. By pressing a button, heating is activated.

Drinking water is healthy and cheap

Vienna's tap water has the best drinking quality. Drink 2 liters of tap water a day, which costs you only 1 euro 30 cents all year. If you drink 2 liters of lemonade instead, it costs you about 600 - 1.400 euro a year.

Call us, we will advise you!

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