

Flawless at one go

Geberit tap system for public sanitary facilities



↑ Elegant wall-mounted taps, clean washbasins and plenty of room between them to wash your hands. This is what architects and their clients often have in mind when they are planning public or semi-public sanitary facilities. This vision can now easily be turned into reality. Pictured: Geberit Piave wall-mounted taps.

→ It is now possible to perfectly install a wall-mounted tap at the first attempt. An X-ray view through the prewall shows that the tap can be firmly anchored to the Geberit Duofix installation element. Pictured: Geberit Brenta wall-mounted tap.



← A Geberit Duofix installation element for washbasins, prepared for holding a wall-mounted tap. The function box for the control electronics, mixer and power supply is located on the bottom right, and the ready-to-connect concealed trap in the middle. The integration of the taps into the Geberit system technology gives everyone involved a high degree of planning security.

With its new tap system, Geberit is helping to bring about a change in thinking – electronic taps can be slim and elegant and still be very robust. They can also be installed in the wall quickly and without any errors at the first attempt.

Electronic washbasin taps make washing your hands particularly hygienic because you don't need to touch anything to turn the tap on or off. What's more, they are generally very water-saving as they automatically switch off the water flow as soon as your hands leave the sensor area. To be able to fulfil their function, these taps are fitted with control electronics, valves, a mixer and a power supply. With conventional deck-mounted taps, these components are generally found in a bulky tap housing; with wall-mounted taps, they are located in a box directly behind the tap.

Electronic taps are used in sanitary facilities in public and semi-public buildings such as airports, shopping centres, schools, bars and restaurants. In highly frequented places in particular, these taps need to be able to withstand a lot, including rough use. Furthermore, taps installed in washbasins as well as their electronics are constantly exposed to high levels of dampness and moisture, which can lead to malfunctions.

Wall-mounted taps are more practical

The vast majority of electronic taps are deck-mounted, meaning that they are mounted directly on the washbasin ceramic appliance. It's rare to come across touchless wall-mounted taps. However, there are good reasons why they would be much more practical. Firstly, they leave the entire washbasin free, which makes cleaning it significantly easier. And secondly, they offer sophisticated ergonomics when washing your hands. The reason why we see so few wall-mounted taps, despite these advantages, is relatively banal – until now, there has been practically no solution for planning them safely and installing them without errors.

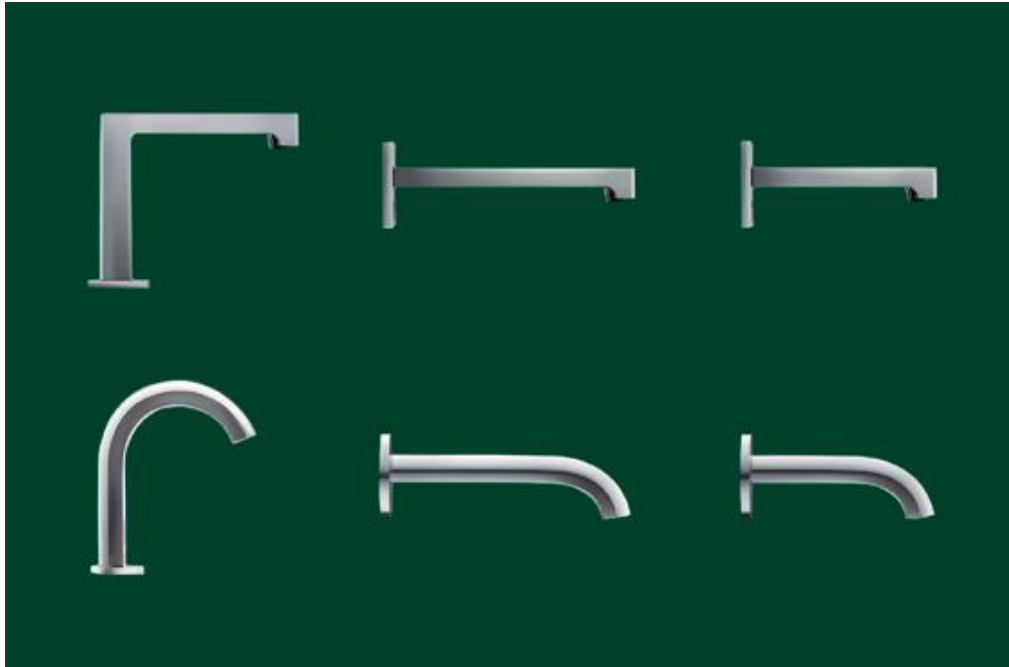
Modular system structure

With its new, modular tap system, Geberit has developed an impressive solution to remedy the general shortcomings of touchless taps and the specific problems that arise when planning and installing wall-mounted taps. With the exception of

the IR sensor, all the electronic components as well as the mixer, valves and the power supply are housed in a separate, 14x14 cm function box. This is installed in the prewall in an easily accessible position under the washbasin and is therefore located outside of the wet zone. If the function box cannot be installed in the prewall, a robust alternative for exposed installation is available.

Sophisticated installation of wall-mounted taps

The tap system includes newly designed drywall-construction installation elements (Duofix and GIS) for washbasins. These elements are prepared for the easy and safe installation of Geberit taps. They are based on Geberit's proven system technology and, in the case of a wall-mounted tap, feature a height-adjustable crossbar for holding and anchoring the base of the tap. Not only does this ensure that the tap housing is precisely aligned (vertically and horizontally) and firmly fixed, it also minimises the potential for costly errors.



↑ The electronic Geberit taps Brenta (top) and Piave are available as deck-mounted or wall-mounted models.

Two design lines

Not having the function parts located in the tap housing opens up a whole new world of design possibilities – a fact illustrated by the slim, timeless and elegant form of the Piave and Brenta models designed by the London-based design studio Christoph Behling Design. Both versions are available as wall-mounted or deck-mounted taps and can be combined with practically any washbasin design. The wall-mounted taps are supplied in lengths of 170 mm or 220 mm.

The beautiful tap housings are made of chrome-plated brass. A special feature here is that the water is guided through a reinforced plastic hose that extends from the function box under the washbasin to the tap aerator on the tap outlet. This ensures that the quality of the potable water is not impaired at any point in the tap system.

Economical operation and easy maintenance

In addition to boasting an impressive

price-performance ratio, the new tap system also promises economical operation. That is to say, there are three available power supply options: connection to the mains supply, battery operation or a self-sustaining power supply by means of a generator unit driven by the pressure of the tap water. The latter does not create any additional costs for energy or replacing batteries.

All components for regulating and maintaining the tap and the water supply and mains connections are housed in the function box under the washbasin, where they stay safe and dry. Valves, mixers and filters are easily accessible and can be set up and cleaned in just a few steps. The configuration can also be subsequently modified at any time – for example, by installing a self-sustaining power supply.

The new tap system will be available in full from April 2017. Geberit will provide the corresponding BIM data for download. ←

Christoph Behling, industrial designer, London, with Geberit Piave wall-mounted tap

“50 years ago, Geberit revolutionised the bathroom with the introduction of the concealed cistern. The same thing is happening today with the tap. The new tap system makes it possible to install wall-mounted taps without any errors and without incurring high costs.”



↑ The Geberit tap system also includes deck-mounted models, which feature a tall, slim tap housing and therefore offer optimum ergonomics and hygiene when washing your hands. Pictured: Geberit Piave deck-mounted tap.

The Geberit tap system at a glance

- Modular solution for a wide range of applications
- Integration into the Geberit installation technology
- Safe and error-free installation of wall-mounted taps
- Two design lines (Brenta and Piave) for wall-mounted and deck-mounted taps
- Wall-mounted tap with outlet lengths of 170 mm or 220 mm
- Three energy concepts (mains operation, battery operation, self-sustaining power supply)
- Mixer, valve and electronics located in a function box under the washbasin
- Attractive price-performance ratio