

# IMPROVING HYGIENE IN PUBLIC AND PRIVATE BATHROOMS

When we wash our hands, we first touch a conventional tap with our dirty hands. This direct skin contact causes us to spread the germs that are on our skin and to pick up new ones which are on the tap's surface through cross-contamination. Touchless tap, which are controlled by an infrared sensor, can therefore be a good alternative option in order to make hand-washing more hygienic – especially in multi-person households or public spaces.

## KEY BENEFITS OF GROHE TOUCHLESS TECHNOLOGY

### Touchless hygiene

- Hygienic hand-washing without touching the tap
- Minimise transmission of germs
- Automatic flushing to cut the risk of Legionella growth in periods when no water is used
- Optimised inner water guide causes a significant reduction of dead space inside the tap, providing the perfect mixing ratio of hot and cold water and a minimised risk of microbial contamination
- Thermal disinfection against germs such as Legionella

### Plug-and-play installation

- Installation and putting into service are straightforward, the tap is ready for use in a few minutes
- Settings can be easily adjusted via remote control.
- Selected products with Bluetooth® can communicate with smartphones, making it easier to transparently control consumption data and set a variety of functions
- Taps are available both mains and battery operated, with low-energy electronics ensuring a long service life of 7 years (with 150 operations per day) without changing the battery

### Sustainable ease-to-use

- Touchless activation of the water flow with hand movement
- Reliable and precise sensor technology
- Automatic start-stop feature saves water as it ensures that water only flows when someone actually holds their hands under the spout



Pure Freude  
an Wasser



For many years, GROHE has been manufacturing infrared solutions that enable hygienic and precise control of the water flow – and meet every taste. Several different designs are available to match different styles and offer ultimate flexibility in the bathroom design. Thus, the product solutions for public and private areas are also perfectly coordinated to enable a consistent bathroom experience across all facilities.

### Bau Cosmopolitan E



### Eurosmart Cosmopolitan E



### Essence E



### Eurocube E





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## GROHE TOUCHLESS FLUSH PLATES FOR WC & URINAL



Touchless activation and traditional flush at the touch of a button are combined in a unique GROHE WC plate. In normal operation, WC flushing is activated automatically through the infrared electronics. The touchless technology is extremely hygienic, as no contact with the plate is required for activation. Customers can also activate additional flushes at the touch of

a button, if required. Manual single-flush works independently of a power supply, which means that it is functional at all times. GROHE EcoJoy technology guarantees economical and resource-conserving water consumption for flushing by using only the amount of water needed.

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## GROHE SHOWER TOILET & MANUAL BIDET SEAT



### GROHE SENSIA ARENA

The GROHE Sensia Arena shower toilet is the next level of personal care in the 21st century bathroom, offering a broad range of intelligent features. With the Sensia Arena there is no need to touch the lid or the flush plate: Prompted by a sensor, the lid opens and closes automatically and, with the optional Automatic Flush Kit installed, the toilet flushes automatically when you leave the toilet. Every design detail has been carefully considered to offer new levels of cleanliness at every stage. Special hygienic coatings and powerful flushing keep the toilet clean while the self-cleaning, antibacterial spray arms give you total peace of mind when using the spray function.



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## GROHE SENSIA ARENA HYGIENIC TECHNOLOGIES



### AquaCeramic

Creates a smooth hydrophilic layer on the ceramic surface, which ensures that nearly no dirt and limescale are left behind.



### HyperClean

Exceptionally smooth and hardwearing glaze, which reduces the buildup of bacteria by up to 99,9 %.



### Triple Vortex Flush

Exceptionally silent, thorough, and effective. Three water outlets create a powerful vortex effect with each flush, covering and cleaning every corner of the bowl.



### PlasmaCluster

Inactivates bacteria for a purified toilet. It does this through releasing positive and negative ions, which make the bacteria harmless upon contact.

*\*PlasmaCluster and the PlasmaCluster logos are registered trademarks of Sharp Corporation.*



### Two self-cleaning nozzles

Spray arm heads are cleaned before and after each use, and the nozzles themselves are made from 99.9% antibacterial material. When not in use, the shower arms are safely hidden behind a removable nozzle shutter with antibacterial properties, also preventing 99.9% of bacterial growth.

## GROHE Manual Bidet Seat

The GROHE Manual Bidet Seat transforms a simple toilet into a comfortable, hygienic place where personal care and cleaning are second nature. Attached to a WC ceramic, the seat doesn't require electricity – instead, the spray is operated by a side lever powered only by water pressure, putting the control at your fingertips for an effective but gentle cleaning experience: Two separate spray arms offer a gentle cleansing with pure water. The spray heads are made from antibacterial material. The retractable spray arms are protected for extra hygiene and can be rinsed before and after every use. No mess, no splashes and no stress. Made from hardwearing Duroplast, the seat itself creates an elegant visual addition to the bathroom. Just take a seat and let the GROHE Manual Bidet Seat transport you to a cleaner, more comfortable place.



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## GROHE CERAMICS FOR TOILETS DEEP CLEANSING HYGIENE THANKS TO THESE FEATURES



All toilets of the four GROHE Ceramics lines come with a rimless technology. Thus, bacteria can no longer settle in angles and corners under the rim.



Another highlight is the Quick Release technology, with which the seat can be easily removed in one simple step, helping to clean even under unpleasant hinges. The SoftClose technique makes the seat and the lid close softly.



The Euro line offers even more extras: GROHE's innovative Triple Vortex flush creates a powerful water vortex that flushes and thoroughly cleans the entire ceramic surface. The Triple Vortex system has not just one or two inlets, but three, providing a powerful flush without any residues.



Thanks to GROHE PureGuard, Euro\*, Cube and Essence Ceramic are equipped with a durable and permanently shiny finish. Special ions with an antibacterial effect prevent bacterial growth and ensure that the ceramic surfaces remain clean. The smooth PureGuard surface is easy to clean and too smooth for limescale to stick to.

\* optional feature

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**GROHE BAU CERAMIC –  
VERSATILITY FOR A MODERN LIFE**



**GROHE EURO CERAMIC –  
IN TUNE WITH MY LIFESTYLE**



**GROHE CUBE CERAMIC –  
A CLEAR STYLE STATEMENT**



**GROHE ESSENCE CERAMIC –  
BEAUTY IN ITS PUREST FORM**



Please see following download link for high-res images of the GROHE touchless and hygiene-enhancing product range: <https://bit.ly/3aLc004>

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