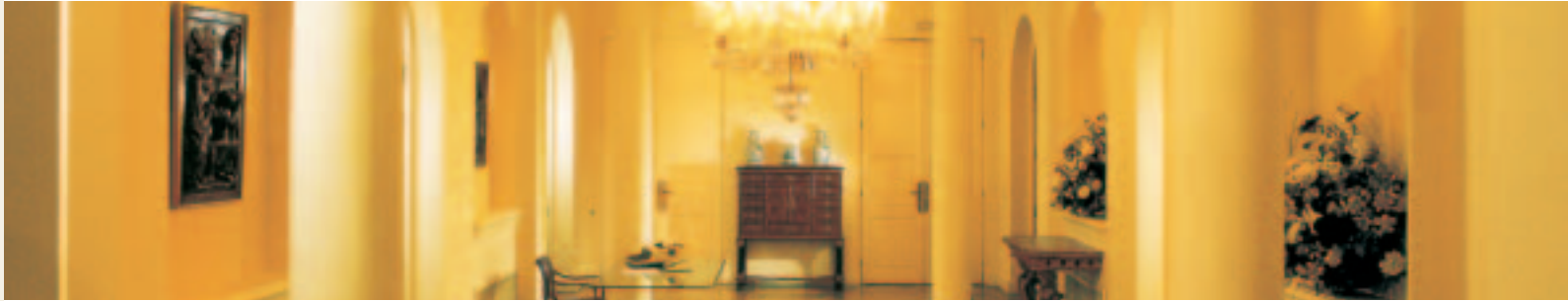


Hotels need competent partners.



Fittings and systems for economical water use.



GROHE
WAVE

Feeling home away from home.
Welcome to the hotel bathroom.



Turn occasional guests into regulars.

The difference between a good hotel and a first-class hotel is quite simple: it is the hotel's ability to offer travellers a home away from home. This applies, in particular, to hotel bathrooms, which serve as a retreat and place for relaxation at the same time and are usually inspected very closely by each guest. While a hotel room and a living room generally defy comparison, bathrooms may very well be compared with each other.

The bathroom has long since become a room in its own

right, which travellers, in particular, expect to be comfortable and pleasant - from the moment they get up in the morning till late at night. This is why people attach growing importance to the bathroom when choosing a hotel; and why the quality of a hotel bathroom is becoming an increasingly important image and success factor.

Thanks to their design, comfort and convenience, sanitary fittings from GROHE make travellers feel perfectly at ease in their hotel bathroom.



Perfect technology. Individual design. Modern bathroom architecture.

Man needs water. Water needs technology. For decades, GROHE *Water Technology* has contributed to making the use of water more convenient, economical and safer - whether it's in bathrooms, kitchens or washrooms.

GROHE *Water Technology* offers perfectly matched systems for all hotel applications. You can choose from

functional and designer fittings, shower systems and flushing systems. The product range is rounded off by installation elements for modern bathroom architecture and systems for the disinfection of drinking water. Such a wide variety is available only from GROHE. Reliable technology, modern design and ongoing innovation from a single source.

Design that offers comfort.
Safety that means peace of mind.



The ultimate in showering pleasure.

The shower is certainly the most important item of comfort in a hotel bathroom. Thanks to their different spray patterns, GROHE showers turn taking a shower into a sensual experience, so that your guests will start the day perfectly relaxed and refreshed. If you want to offer your guests even more luxury, choose the Aquatower 3000 multi outlet shower, available for wall and corner installations. The Taron shower system, whose overhead and handheld showers and four individually adjustable side showers not only offer the ultimate in showering pleasure but are also a treat to the eyes.

Our latest shower system, the Freehander®, turns the hotel bathroom into a genuine wellness centre. A simple movement is all it takes to change from overhead mode to side shower mode. Each of its two rotatable shower heads offer two spray patterns. Whether it's a refreshing shower or a pulsating massage, it's definitely a pleasure. Thanks to its compact dimensions, the Freehander® can be installed in any bathroom and easily be combined with existing concealed or on-the-wall fittings.



Comfort – the most perfect marriage of form and function.

Design is said to be art that is put to good use. And if we like to use something every day, the marriage of form and function works - or, in other words, something is comfortable.

This is true of all GROHE thermostats. They offer dual scalding protection to combine the ultimate in showering pleasure with maximum safety. First, their Safety Button is used to set an upper limit for the water temperature. Second, hot water will be cut off automatically as soon as the cold water flow is interrupted. This means maximum safety, especially for children.

GROHE single-lever mixers feature special ceramic discs which ensure that the fittings will function smoothly and reliably throughout their life.

Another example are the pneumatic flushing panels. Their stylish shape conceals state-of-the-art technology. Instead of conventional mechanical rods, GROHE uses a long-life air-cushioned actuating device. While this detail is not visible on the outside, it can certainly be felt in the comfortable and smooth operation. We have thought of everything!

Take our showers, for example: By simply wiping over the elastic SpeedClean jets, scale is removed quickly and effectively. This anti-scaling feature carries a 5-year warranty.



GROHE — as unique as your hotel.

What bathroom environment would you like?

GROHE allows you to design the bathroom of your choice. The wide range of single-lever mixers, two-handle mixers, thermostats, showers and shower systems, installation elements and flushing systems means there are no limits to your creative ideas.

Thanks to their unique form, our high-quality fittings and showers offer you a wide variety of possibilities and will fit in harmoniously with any bathroom. The GROHE lines of designer fittings fulfil even the highest demands of your most discerning

guests. Seven designer lines, from traditional to avantgarde, allow you to create highly individualised bathroom environments for your guests.

GROHE's concealed on-the-wall installation systems can be used for all sorts of applications and therefore offer you virtually unlimited design freedom. No matter how small a bathroom or how many corners it may have - GROHE installation elements offer the best basis for modern bathroom architecture.



Quality knows no borders.

Endurance tests for reliability and longevity.

The renowned product quality has made GROHE the world's leading sanitary brand. GROHE fittings and showers meet the highest standards not only in terms of design, functionality and operation but also in terms of longevity and reliability.

Every GROHE fitting must undergo tough quality tests throughout development. In the context of the endurance tests, our single-lever mixers, for instance, must withstand 200,000 operations to ensure that they will function as smoothly as on the first day for many, many years to come. Our two-handle mixers also combine timeless design with sophisticated technology. They feature almost wear-free Carbodur® ceramic discs that are nearly as hard as a diamond and will ensure smooth operation throughout the life of the fittings.

To make sure that our fittings will not only function as smoothly as on the day they were installed but also retain their good looks, we use special treatment techniques to make the surfaces extremely robust and resistant to environmental influences.

GROHE's quality assurance system, which meets the international ISO 9001 quality standard at all production facilities, ensures that all products will be of the same consistent quality. No matter whether your hotel is located in Europe, America or Asia. GROHE quality knows no borders.





**Economy in its finest form.
The water and energy savers for your hotel.**

There are reasons enough why water should be used sparingly. First, our most valuable "resource" is becoming increasingly scarce in some regions of the world. Second, the permanent availability of water requires a considerable amount of energy. This comes at a price, as the water consumption is reflected in the water bill in three ways: as drinking water, as waste water and as the energy used to heat the water. However, innovative fittings offer numerous possibilities for using drinking water economically.

Take GROHE thermostats, for instance, which are designed to be economical. Thanks to the swift response of

the thermo-element, the desired water temperature is reached in next to no time. Some models additionally feature an Eco-Button, which allows the flow rate to be reduced in advance, which saves water and energy.

GROHE single-lever mixers are equally economical as our thermostats. Individually adjustable flow limiters greatly reduce the water consumption, while optional temperature limiters further optimise energy and water consumption. All this shows that GROHE fittings and thermostats offer maximum economy and additional safety without compromising on the comfort offered to your guests.



**Increased comfort,
reduced operating costs.**



Get the figures right. Calculations that will pay off for your hotel.

By investing in water and energy-saving GROHE systems and fittings, you will not only increase the comfort offered to your guests but, in the long term, also the cost-efficiency and competitiveness of your hotel.

The table below compares traditional fittings, GROHE single-lever mixers and GROHE thermostats. See for yourself how much you can save with GROHE.

	Unit	Conventional two-handle mixer	Conventional two-handle mixer **	GROHE single-lever mixer Europlus**	GROHE thermostat Grotherm 3000**
Example: Shower in bathroom					
Flow rate/min. at 3 bar	l/min	24,5	12	12	12
Average duration per shower taken	sec.	360	360	360	360
Total water-running time (incl. selection of temperature & soaping)	sec.	420	420	378	362
Water consumption per shower taken	l	171,5	84	75,6	72,4
Water and energy costs (incl. waste water)*	€/m ³	5	5	5	5
Costs per shower taken	€	0,8575	0,42	0,378	0,362
Average use per shower/year		550	550	550	550
Costs per shower/year	€	471,6	231,0	207,9	199,1
Annual water & energy costs for 200 rooms/year	€	94.325	46.200	41.580	39.820
Cost savings for 200 rooms/year	€		48.125	52.745	54.505

Assumptions: Hotel with 200 rooms; thereof 1/3 single rooms and 2/3 double rooms; occupancy 60%, i.e. 1.5 showers taken per day in the single rooms and 3 in the double rooms on 219 days per year

*average value for Germany **with 12 l hand-held shower

Public sanitary facilities to be proud of.

It's time to upgrade from cleanliness to hygiene.

The first impression counts. This also applies to the public sanitary facilities of your hotel or restaurant. The hygiene and comfort offered by these facilities contribute a lot to your guests feeling truly at home and recommending your hotel to others.

Whether it's washbasin fittings or flushing systems for urinals and WCs: GROHE helps you achieve the perfect combination of comfort, hygiene and economy to make all your guests feel truly welcome.

GROHE's wide range of self-closing and contact-free electronic fittings save energy and water and fulfil even the highest demands.



An exercise in comfort and economy.

We also offer water and energy-saving self-closing fittings for your hotel pool, sauna, gym or other wellness areas.

Increased hygiene, reduced costs.

In the public sanitary facilities of a hotel, the cost factor plays a particularly important role. This is why GROHE's self-closing and contact-free electronic fittings and flushing systems can be pre-set to save costs - from the desired flow time to the maximum water temperature. The table below highlights the advantages of these tamper-free settings.

	Unit	Conventional fitting	Conventional fitting with 6 l limiter	GROHE self-closing fitting Eurodisc SE	GROHE electronic fitting Europlus E or Tectron
Example: washroom fitting in the public restroom of a hotel/restaurant					
Average flow time per use	sec.	35	35	30	25
Flow rate	l/min	13	6	6	6
Water consumption per use	l	7,58	3,5	3	2,5
Water & energy costs (incl. waste water)*	€/m ³	5	5	5	5
Costs per use	€	0,0379	0,0175	0,015	0,0125
Average use per fitting/year		45.000	45.000	45.000	45.000
Costs per fitting/year	€	1705,50	787,50	675,00	562,50
Number of fittings per sanitary facility		4	4	4	4
Annual water and energy costs for 4 fittings	€	6.822	3.150	2.700	2.250
Cost savings per year	€		3.672	4.122	4.572

Basis: 150 uses per fitting and day; 300 days per year; 4 fittings (2 x ladies' / 2 x men's restroom)
*average value for Germany

More freedom for bathroom design.

Everything is possible. Concealed on-the-wall installation systems for more flexibility.

As high as the quality of a new hotel bathroom may be - once the bathroom has reached a certain age, it no longer fulfils the needs and expectations of your guests.

No matter if you wish to install new bathrooms or renovate existing ones and no matter how small they are and how many corners they may have - GROHE elements for concealed on-the-wall installation allow you to realise your ideas of a comfortable, modern bathroom even in the most confined space, while at the same time creating useful additional shelf space.

Irrespective of the water supply, these elements allow stylish solutions to be found quickly and easily even in "difficult"

rooms. And if more space is available, you may even create luxury bathrooms with free-standing partitioning walls.

GROHE offers you solutions for all applications; washbasin, bath, shower, bidet, WC and urinal. You may even include options for subsequent extensions and conversions in your plans. We offer a choice of installation elements for traditional walling and drywall enclosures.

The modular system allows the renovation to be effected in line with your hotel's requirements. The fact that all elements supplied are preassembled, will save you time and costs. This means that the new bathroom will be ready for use quickly, while your guests will certainly appreciate its creative design.



Bathrooms designed for perfect peace of mind. Noise protection and fireproofing from GROHE.

For many guests, hotel comfort means above all: peace and quiet. GROHE's concealed on-the-wall installation systems feature noise-insulated fittings and pipes, which not only fulfil but even exceed the German regulations for soundproofing in building construction. This has been confirmed by examinations carried out by the German Fraunhofer Institut für Bauphysik.

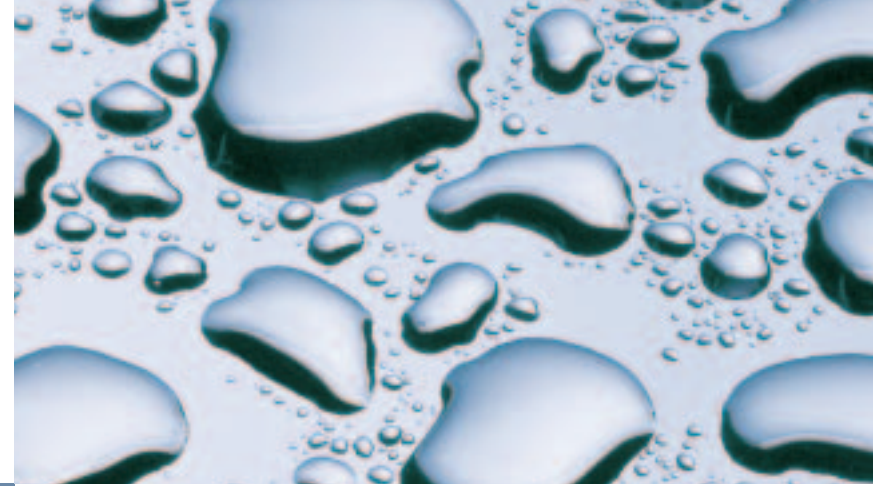
In terms of fire protection, GROHE systems offer particular safety. Certified to DIN 4102/Part 2, our special on-the-wall elements will withstand fire for a minimum of 90 minutes. GROHE means peace for your guests and peace of mind for you.

We have thought of everybody. Barrier-free solutions from GROHE.

GROHE also allows you to design comfortable barrier-free bathrooms for disabled people. Our flushing systems with radio electronics, for instance, are operated via the pivoted supporting rails of the disabled toilet. This way, we ensure that all guests will feel at ease.



There are no problems, only solutions.



Simple assembly, easy maintenance, long-term warranty.

GROHE greatly facilitates assembly. The upper part of the GD2 cistern, for instance, can easily be removed for free assembly. Another advantage of this cistern is that the size of the operating panel needs to be selected only at the very end of the installation process.

But GROHE systems are easy and safe to operate also after their installation. The WC installation systems, for instance, feature easily accessible maintenance holes behind the operating panels.

For your peace of mind, GROHE offers long-term availability guarantees: 10 and 15 years, respectively, for on-the-wall and concealed systems. So should the need arise, your existing installations can be professionally repaired even after many years of use. All GROHE products additionally benefit from our worldwide after-sales service.

Where economy meets ecology.

GROHE has committed itself to developing and implementing environmentally compatible solutions.

GROHE products allow you to use water and energy sparingly and responsibly. The full lifecycle of our products is considered already at the design and development stages. Our manufacturing processes are optimised for resource efficiency and our products are designed to last for a very long time.

A Group-wide environmental management system ensures that all our production facilities comply with the GROHE Environmental Standards.

Fast and dust-free: renovation with GROHE.

There is hardly any other place where a fast and smooth renovation is as important as in a hotel - for the benefit of your revenues and your guests.

No matter if you want to build new bathrooms or modernise existing ones, GROHE's wide range of prefabricated installation elements make for a swift renovation, also of your public sanitary facilities. It is even possible to retrofit our self-closing or contact-free electronic fittings. Our special fittings are available for mains or battery operation, with the battery option removing the need for the complex installation of an additional mains connection. So retrofitting is no problem at all.

And if you simply wish to install a new shower rail, GROHE also has convincing solutions. The flexibly adjustable wall brackets of the Relexa Lift, for instance, allow you to use existing drilling holes instead of drilling new ones. Solutions from GROHE: fast, clear and silent.





Disinfection systems for tap water treatment.

The widely branched installation systems typically found in a hotel often entail an only too familiar problem: all drinking water systems stand the risk of being contaminated by micro-organisms. This may result in the formation of a bio-film of hazardous bacteria and fungi. The so-called legionnaires' disease is only one example of the resulting potential risks of infection.

Aqua Butzke, a company of the GROHE Group, has long since been involved in the development of environmentally compatible processes for the disinfection of drinking water. The company offers two water treatment processes (electrolysis and UV disinfection), which destroy micro-organisms while at the same time improving the quality of the drinking water. These processes do not alter the colour, taste or smell of the water.

Unlike the strong chemicals normally used in swimming pools, the systems developed by GROHE use electrical impulses and light energy.

In the UV disinfection process, the water is exposed to a radiation dose of 400 J/m², which is known to reliably destroy all micro-organisms, in a radiation chamber. This process works without any use of chemicals.

The same applies to electrolytic disinfection. In this process, the disinfectants are extracted from the water itself or from its natural ingredients. Both processes are controlled by state-of-the-art measurement and controlling systems.



Drinking water quality in all rooms.





A small selection of our worldwide references.

Europe

Trofana Royal, Ischgl
 Ambassador, Wien
 Schloss Seefeld, Pörschach
 Rogner Hotel Fuchspalast, St. Veit
 Warmbaderhof, Villach

Golden Tulip Plaza, Biel
 Orselina, Orselina

Prague Marriott, Praha
 IBIS Praha City, Praha

Hilton Tucherpark, München
 Kempinski Rotes Ross, Halle

Sheraton Brussels Airport, Zaventem
 Crown Plaza Le Palace, Bruxelles
 Renaissance, Bruxelles
 Scandic, Antwerpen
 Mercure, Louvain – La Neuve

Copenhagen Admiral, Copenhagen
 Hilton Copenhagen Airport, Copenhagen
 Radisson SAS Royal, Copenhagen
 Radisson SAS Scandinavia, Aarhus

Sheraton Sofia Hotel Balkan, Sofia
 Hilton, Sofia
 Riu-Arabella, Golden Sand - Varna
 Seasons, Trjavna

Hotel Jardín Tropical, Tenerife
 Iberostar Andalucia Playa, Cadiz
 Sevilla Center, Sevilla
 AC Palacio de Santa Paula, Granada

Hilton Zürich Airport, Opfikon
 IBIS Zürich Messe - Airport, Zürich
 Renaissance Zürich, Glattbrugg

Le Bristol, Paris
 Sofitel Miramar, Biarritz

Kalimera Kriti, Crete
 Elounda Beach, Crete
 Grand Resort Lagonissi, Lagonissi
 Athens Ledra Marriott, Athens
 Divani Apollon Palace, Kavouri-Attiki

Hilton, Milano
 Sofitel, Roma
 Villa d'Este, Cernobbio
 Holiday Inn Milan Linate Airport,
 Peschiera Borromeo

Golden Tulip Rainbow Hotel Opera, Oslo
 Radisson SAS Plaza, Oslo
 Radisson SAS Atlantic, Stavanger
 Radisson SAS, Bodø

Steigenberger Kurhaus Hotel, Scheveningen
 Golden Tulip Hotel Inntel, Rotterdam
 Bilderberg, Renkum

Boa-Vista, Porto
 Marquês de Pombal, Lisboa
 Alto Lido, Funchal - Madeira
 Porto Palacio, Porto

Warsaw Marriott, Warszawa

Astoria Continental, Arad
 Astoria Continental, Bucuresti

Radisson SAS Lazurnaya Peak Hotel, Sochi
 Nadezhda, Gelendzhik
 Marriott Renaissance, Samara

Sheraton, Stockholm
 Quality Hotel Globe, Stockholm

Hilton Tynebridge, Newcastle
 Arora International, Heathrow
 Sheraton Park Tower, London

Middle East

Millenium, Agadir
 Iberostar Founty Beach, Agadir
 Odyssee Park Hotel, Agadir
 Hilton, Rabat
 Le Meridien, N'fis
 Les Jardins d'Anfa, Casablanca
 Royal Anfa, Casablanca
 Le Royal Mansour Meridien, Casablanca
 Sheraton Casablanca Hotel & Towers,
 Casablanca
 Kenzi Basma, Casablanca

Far East

Pudong Shangri-La, Shanghai
 Le Meridien Nirwana Golf & Spa Resort, Bali
 Shangri-La, Singapore
 Inter Continental, Singapore
 Gloria Prince, Taipei
 Taj Mahal Hotel, Mumbai, Bombay

Inter Continental Tokyo Bay, Tokyo
 Cerulean Tower Tokyu, Tokyo

Inter-Continental, Sydney

USA

Century Plaza Hotel, Los Angeles
 St. Regis, Los Angeles
 The Peninsula, New York
 Marriott Eastside, New York
 Hapuna Beach Prince, Hawaii
 Mauna Lani Bay, Hawaii
 Princeville, Princeville, Hawaii

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Feel free to ask for more information on:

- design oriented fittings and accessories for the bathroom
- fittings for kitchen and bathroom
- sanitary systems for modern bath architecture
- showers and shower systems for the ultimate pleasure
- intelligent water management systems for the professional use by AQUA

GROHE Ltd has a policy of continuous improvement and therefore reserves the right to alter product specifications without prior notice. please contact our sales office for further advice on 020 8594 7292.