

CROSS-GENERATION
BATHROOMS

*Pure Freude
an Wasser*

GROHE
WAVES

SMART COMFORT

PLAN FOR
TOMORROW TODAY

GROHE | MASTERS OF TECHNOLOGY

EDITORIAL



SMART COMFORT bathrooms – target group planning!

What do people today want from their bathroom facilities – and what will they need tomorrow? We have been working on these issues here at GROHE for decades. Focusing on the keywords, 'cross-generational bathrooms' we have developed different approaches that should allow elderly people or those with physical disabilities to live independently within their own four walls for as long as possible. An important contributory factor in this are products that are characterised by a high degree of comfort, ergonomics, safety and durability. Good planning of the layout and design is also crucial when it comes to making the most private room in the house as user-friendly as possible. With our SMART COMFORT bathroom concepts, we present to you five examples of cross-generational bathrooms that have been thought through down to the last detail.

This is how we designed the COMFORT SMART PLUS bathroom for apartments where people with and without disabilities live together. SMART COMFORT DESIGN bathrooms demonstrate how the bathroom of today can already be equipped for possible future requirements. SMART COMFORT BUDGET bathrooms offer a third solution for private accommodation, proving that a high level of comfort can even be achieved in smaller bathrooms.

In addition, this brochure presents the SMART COMFORT CARE bathroom, which is tailored to facilities for senior citizens, as well as the SMART COMFORT HOTEL bathroom that provides ideas for appealingly designed accessible hotel rooms.

With our wide range of products, which meet both high standards of comfort and ergonomics as well as design and quality, we can provide the perfect solution for each design concept.

Yours,
Andrea Bußmann
Regional Vice President Europe, Grohe AG



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A CHANGE IN HOUSING



Prof. Dr. Gerhard Loeschcke

Prof. Gerhard Loeschcke works as a freelance architect, professor and enterprise consultant in Karlsruhe and primarily concentrates on architectural anthropology. One focus of his work is the role of architecture in demographic changes, accessible buildings and workplace design. As a member of a number of scientific advisory boards he advises the industry, among other things, on product development. The parameters he has drawn up for age-appropriate buildings form the basis for KfW funding in housing and urban development. In addition, Prof. Gerhard Loeschcke is the author of numerous reference books and articles and sits on various DIN committees as either a coordinator or member. He studied and graduated from the Technical University of Berlin.

Requirements of housing: Age-oriented for the future

How do motor skills and mobility change over the course of one's life, and how will these changes affect needs in terms of home furnishings? Prof. Gerhard Loeschcke summarised the requirements to be taken into account when planning residential buildings:

"It is not just the proportion of older people that is increasing. We can also notice a plurality of types of households and housing needs. This structural change within society opens up new perspectives regarding requirements for modern housing. With new country building regulations requiring that accommodation is at least partially accessible apartments, then the first steps have been taken. Unfortunately, however, there is still no comprehensive approach.

In order to meet different lifestyles throughout all phases of life, residential buildings must be increasingly aligned so that it can provide flexible and adaptable solutions. These include age-appropriate housing, as well as designs that include provisions for any future accessibility issues and this is relevant to both new and existing buildings.

Therefore, age-appropriate forms of living – supplemented by smart technologies, complementary offers and community residential concepts – will become the general trend for convenient and universal living. Those who take this into consideration with new-builds and renovations can make an important contribution to the stability and sustainability of their property".

INDEPENDENCE FOR SENIOR CITIZENS AS WELL



**Prof. Christine Nickl-Weller
and Prof. Hans Nickl**

Nickl & Partner Architekten AG in Munich operates on an international scale and is particularly active in the field of health and research buildings. Founded in 1979 by Prof. Hans Nickl, the architect association has been jointly led by him and Prof. Christine Nickl-Weller since 1989. For them and their team, architecture means understanding and organising, while always putting people centre stage. In 1992, Hans Nickl was appointed Professor in Structural Design at FH Erfurt. In 2004, Christine Nickl-Weller took on the specialist area of “Design of Hospitals and Health Care Buildings” at the Technical University of Berlin, where Hans Nickl also teaches as a visiting lecturer. The buildings designed by Nickl & Partner Architekten AG are strongly focused on the activities and needs of the people who work, live or convalesce in them. The work carried out by the architectural firm is determined by well-being as well as the perfect, functional interaction of flexible space structures and exciting materials.



Challenges for the “growth market of senior citizens”

The tension between the high demands of quality of life and quality of care on the one hand, and the economic viewpoints on the other hand, is a growing challenge for facilities for senior citizens. Prof. Christine Nickl-Weller and Prof. Hans Nickl on modern planning for senior residences: “User satisfaction has long been underestimated in health care as a quality criterion. Operators who continue to neglect this aspect will no longer be able to survive in the health landscape of the future. A user-friendly design that places the emphasis on ergonomics and comfort is essential in order that facilities can continue to operate economically. Thanks to innovative assistance systems, many people today can live in their own home for a long time. This development with its ever-increasing technological progress, is called “Ambient Assisted Living”. Whoever actively decides to go and live in a senior residence, will do so with the highest of expectations. It's not just about receiving good medical care, but also support in daily routines, such as personal care. Rather, residents want to live in an aesthetically designed environment in which they feel comfortable. We have made intensive use of these findings when advising developers. “The right balance between economic constructions and the commercial advantages arising from high standards of quality, are incorporated in our designs from the outset”.

TOURISM FOR ALL – BEYOND THE NORMS



Corinna Kretschmar-Joehnk

For JOI-Design from Hamburg, the exclusive and high-quality “Hospitality Design” is both their focus and their passion. The company, which is one of the leading European design studios, is led by the architect Corinna Kretschmar-Joehnk and her husband Peter Joehnk. She and her team of experienced and creative interior designers, architects, designers, engineers and artists put together outstanding hotel projects, unique restaurants and fabulous spas. They act on behalf of luxurious hotel chains as well as privately owned, small boutique hotels. The experience that these internationally active interior designers has gained flows seamlessly into the development of furniture, lighting, rugs, and other lifestyle products.

Hospitality for all: Top comfort while travelling

The planning and design of hotels is often influenced by the corporate design of the operator. The design should also speak to the target group so that they feel as if they have been invited. The topic of “accessible tourism” is of increasing importance for interior design firm JOI-Design. Co-owner, Corinna Kretschmar-Joehnk explains the direction that travel is heading in:

“There is lots of potential on the subject. When we speak of ‘accessible’, many people think almost exclusively of rooms for people in wheelchairs, but often even older travellers or those who are temporarily disabled have restricted mobility in hotels. As interior designers, we have already greatly responded to this today, such as building floor-level shower trays. They not only make it easier to get in and out, but also make the space appear more visually generous, something that also interests us as designers. Equally, we can ensure that any labels are better illuminated and larger in size, or that they are raised away from the wall so that they can also be ‘felt’.

When you talk to those people that it affects, you quickly realise that the regulations in DIN standards do not take into account every detail of the needs of travellers. For example, for a woman without feeling in her legs, how is it possible for her stay balanced on a small folding seat in the shower while washing her hair at the same time? Or if the mirror is tilted at an angle, how can you look in it with your head thrown backwards and upwards without getting ‘neck rigidity’? We address these issues in our planning and develop suggestions for improvement in our dialogue with operators. Even if some areas are already being worked on, accessibility remains a broad field”.

DEMOGRAPHICS & REQUIREMENTS



Growing demand for cross-generational bathrooms

When it comes to making cross-generational living as comfortable and user friendly as possible, planners and builders are encouraged to develop solutions that are appropriate both for today and the future. This is true for architecture and urban planning as well as for the hospitality industry, health care, construction and construction-related trade.

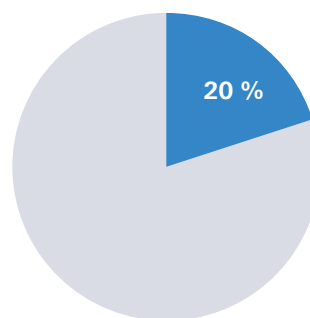
This is because the need for accessible design will continue to grow. The demographic trend shows that the average age of people in Central Europe is continually increasing. Currently, every fifth citizen is already older than 65 years – this amounts to approximately 17 million people – by 2030, half of Germans will be over 48 years old.

Manufacturers and service providers from various industries have recognised this trend and are already working on various new approaches to meet the needs of the older generation. The demand for easily accessible products that do not pose obstacles is particularly great when it comes to bathrooms. This is because they allow residents to enjoy independent living over a long period of time while also benefiting from a high degree of safety and mobility. Already, 70 percent of expenditure will be invested in renovations to improve accessibility in sanitary facilities. Currently, around 70 percent of Germans do not think that their own bathroom is suited to their age.

At the same time, more and more senior citizens want – or due to the financial situation need – to stay in their own accommodation for a long time. On the one hand, maintaining the independence and self-determination of these people is an important social task. On the other hand, owning designs and products that allow this to happen has a steadily growing market potential.

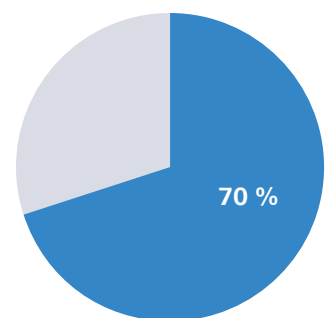
To this end, many senior citizens require ergonomic, comfortable and safe facilities that also integrate with an individual design approach. GROHE has taken this need as an opportunity to develop exemplary planning for cross-generational bathrooms for individual homes as well as hotels and healthcare services.

Age structure



Every 5th German citizen is now older than 65 years

The need for renovation



70 % of Germans do not regard the bathroom as being suitable for their age

SMART COMFORT PLUS BATHROOM

The SMART COMFORT PLUS bathroom: Completely thought through for all uses

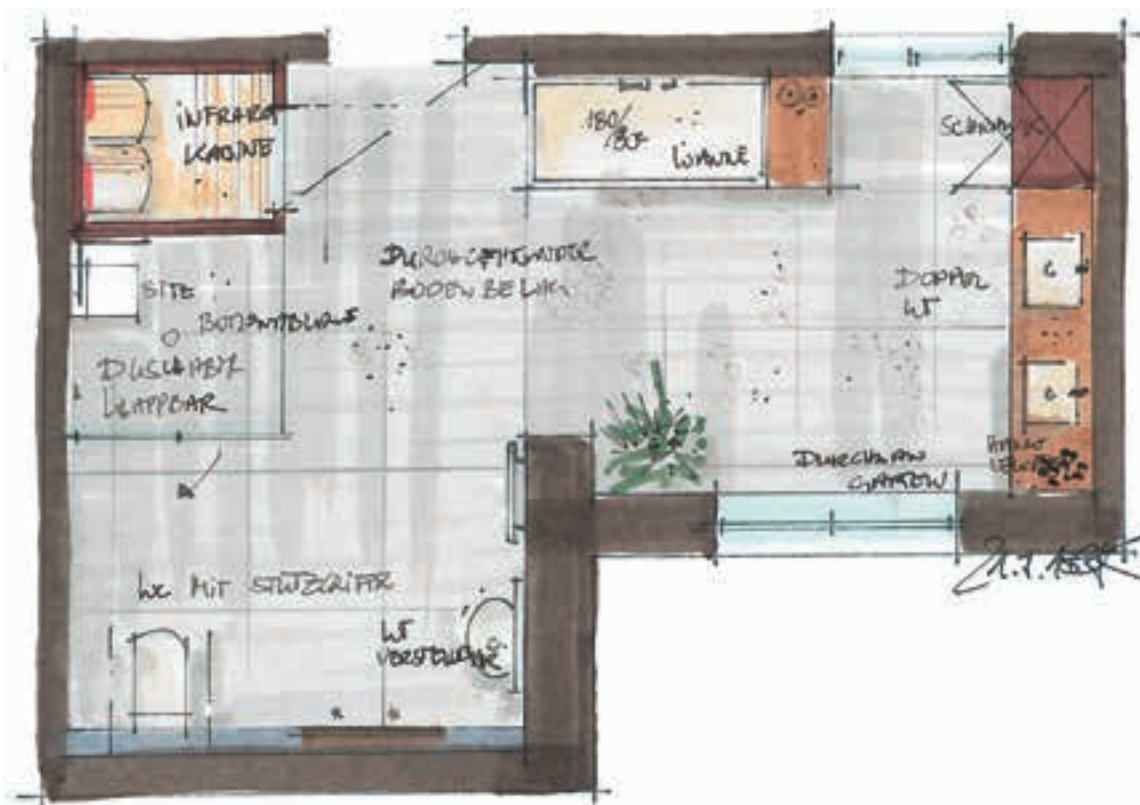
How should a bathroom be designed so that it will satisfy the individual needs of both people with and without a disability? If, for example, only one partner or family member has limited mobility and is dependent on ergonomic assistance then a concept is needed that takes into account the wishes and needs of all residents.

The SMART COMFORT PLUS bathroom provides the answer. It is designed so that people with and without physical limitations find comfort in their daily cleansing rituals. The sophisticated design provides a stylish atmosphere. From a refreshing shower in the morning to an evening relaxation session spent in the infra-red cabin, everything is thought of.

SMART COMFORT PLUS – Facilities

In addition to the classic wash basins and the bathtub for residents with full mobility, the SMART COMFORT PLUS bathroom is equipped with an additional wheelchair-adjusted washstand and a ground level shower. Premium faucet ranges, such as GROHE Allure or GROHE Grandera, emphasise the high-quality appearance of the bathroom. Thanks to GROHE CoolTouch®, the thermostat in the shower head also protects against burns and scalds from the chrome surfaces.

GROHE also offers innovative technology for controlling the faucets with F-digital: Water flow, water levels and temperature are controlled with the so-called puck, and can be controlled at wish from anywhere in the room via the wireless connection. In addition, the LED illuminated ring shows how hot the water is, which also increases usability and safety. The highest level of comfort and hygiene for all target groups is provided by the GROHE Sensia® IGS shower toilet. It gently cleans the skin with the force of the water and has numerous individually selectable options.



The SMART COMFORT PLUS bathroom provides generous space. It is therefore perfectly suited to wheelchair users who can enjoy a full freedom of movement. The high-quality design lends the bathroom an appealing ambience, meaning that the accessibility fittings subtly fade into the background.



SMART COMFORT PLUS BATHROOM

SMART COMFORT PLUS – the most important features

- Generous space with elements of accessible construction (based on DIN 18040)
- Partitioning of the bathroom into different feature areas, good accessibility of all sanitary objects for wheelchair users too
- Separate wash basins: Standard version and “disabled variant” (height-adjustable/accessible)
- Ground level shower and additional installation of a bath tub for maximum comfort and the individual needs of all users
- Comfortable GROHE Sensia® IGS shower toilet, as well as an elegant grab bar on the wall
- HoHigh design, high quality materials; faucet lines such as GROHE Allure, GROHE F-digital, GROHE Grandera
- Infrared cabin constitutes a relaxation area (suitable for wheelchair users)



PRODUCT OVERVIEW

Wash basin



32 146 000
Allure
Single lever basin mixer, DN 15 L-size



36 342 000
Allure F-digital
Digital wash basin mixer



23 303 000
Grandera
Single lever basin mixer, DN 15 M-size

WC



39 111 SH0
GROHE Sensia® IGS
Shower toilet complete system for in-wall cisterns



39 112 001
Rapid SL
for the Sensia® Arena shower toilet



38 732 000
Skate Cosmopolitan wall plate

PRODUCT OVERVIEW

Shower/bath tub



19 446 000
Allure
Thermostatic bath/shower mixer
35 500 000
GROHE Rapido T
Floating universal thermostat battery



19 937 000
Grandera
Thermostatic shower mixer
19 948 000
Grandera
Thermostatic bath/shower mixer



19 952 000
Talentofill/Talento
Bath filler,
combined waste and overflow



36 295 000
F-Digital
Digital controller for the shower head
36 289 000
F-Digital
Digital controller for the bath tub



27 664 000
Power&Soul® Cosmopolitan 130
Hand shower 4+ types of spray
27 075 000
Rainshower® hand shower holder
28 362 000
Silverflex shower hose



27 286 000
Rainshower® F-Series, 20"
Ceiling shower



27 067 000
Relaxa 65
Side showers, 2 types of spray
6 units

SMART COMFORT DESIGN BATHROOM

The SMART COMFORT DESIGN bathroom: Perfect form and function

The SMART COMFORT DESIGN bath represents a self-confident and architecture-based lifestyle. It is aimed at people who are very discerning when it comes to the design of their own four walls, and who want to take advantage of the bathroom deliberately being a place for rest and relaxation. At the same time, it is designed to be already prepared for any changes that may be required as time goes on.

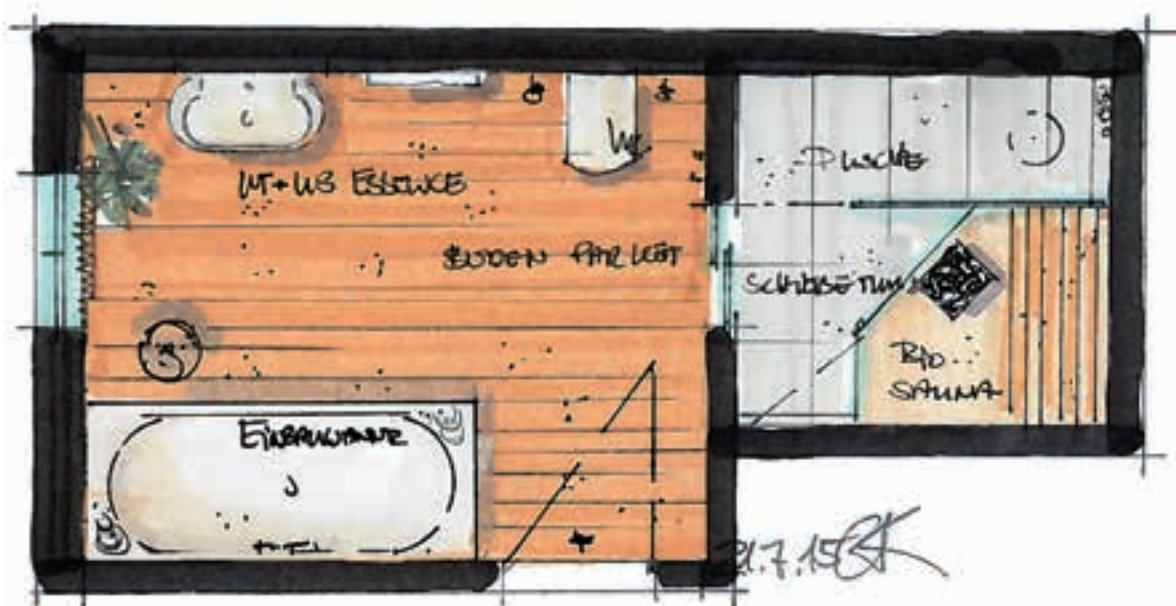
In this way, extensive home renovations can be avoided in later years if the layout and equipment is already adapted to any possible future needs. This is normally quite simple to achieve. It is about ensuring that passages and manoeuvring areas are sufficiently wide so that all features are easy to reach. Slider wash basins and access to features such as the shower should be as obstacle free as possible and should be provided for in the planning.

SMART COMFORT DESIGN – Facilities

The SMART COMFORT DESIGN bathroom stands out from the rest with its combination of user-friendliness and attractive design. The safety of the user also plays an important role here. Safety is increased, for example, through the installation of grab rails at the wash basin, toilet and in the shower. Thermostatic faucets should also be installed in every accessible shower. Due to GROHE TurboStat® technology, then GROHE thermostats are easy to adjust and maintain a constant temperature.

The wash basin, consisting of a flat basin on a wooden board, is particularly eye-catching in this bathroom, equally enhanced by the clear lines of faucets such as Essence, Eurocube and Eurocube Joy by GROHE. The reduced design of the cylinder on the Essence model and the cubic shape of Eurocube and Eurocube Joy enhance the stylish overall concept of a designer bathroom. In addition, the GROHE single lever mixer is extremely durable due to its sophisticated cartridge technology.

GROHE Rainshower® SmartControl opens up a whole new dimension of showering. With three combined pressure and rotation buttons, then you can intuitively set the flow rate, temperature and spray type on the spacious shower head. The SMART COMFORT design bathroom also offers the highest levels of comfort and hygiene with the GROHE Sensia® Arena shower toilet. Its numerous functions can be controlled either by remote control or through an app.



The SMART COMFORT DESIGN bathroom brings together a high quality designed bath with accessible features. Through easily accessible areas such as the floor-level shower and sauna, this retreat offers residents years of recreation and relaxation within their own four walls.



SMART COMFORT DESIGN BATHROOM

SMART COMFORT DESIGN – the most important features

- Sophisticated design in conjunction with accessible facilities
- Bathroom regarded as a relaxation and rest area including sauna
- Complementary disability aids already provided e.g. concealed elements for grab bars by the WC
- High level of safety thanks to the grab bars and shower thermostats
- High-quality technology with an appealing design; enjoy the GROHE Essence, Eurocube Joy and Eurocube faucet ranges
- Innovative operation in the shower: Direct selection of flow rate, temperature and type of spray via pressure-push buttons on the GROHE Rainshower® SmartControl shower system
- Save space with the door opening to the outside



PRODUCT OVERVIEW

Wash basin



23 541 001
Essence
Single lever basin mixer, DN 15
L-size



23 657 000
Ecocube Joy
Single lever basin mixer, DN 15
M-size



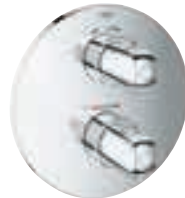
23 445 000
Ecocube
Single lever basin mixer, DN 15
M-size

PRODUCT OVERVIEW

Shower/bath tub



19 958 000
Grotherm Cube
Thermostat
with integrated 2-way diverter



19 986 000 (Shower)
19 985 000 (Bath tub)
Grotherm 1000
Thermostat
with integrated 2-way diverter
35 500 000
GROHE Rapido T
Floating universal thermostat battery



19 952 000
Talentofill/Talento
Bath filler, combined waste and
overflow trim set
28 990 00
Talentofill bath filler



26 250 000
Rainshower® System SmartControl 360
DUO



27 478 000
Rainshower® Cosmopolitan 310
Head shower
28 361 000
Rainshower® shower arm
380 mm projection



26 174 000
Power&Soul® Cosmopolitan
Wall holder set, 4 types of spray

WC



39 354 SH0
GROHE Sensia® Arena
Shower toilet complete system
for in-wall cisterns



39 112 001
Rapid SL for Sensia® IGS and Sensia®
Arena shower toilets
38 844 000
Arena Cosmopolitan wall plate
Wall plate



39 140 000
Rapid SL for WC
with fixings for back rests and grab bars (not
for shower toilet)
38 564 SH0
Skate Air
Wall plate

SMART COMFORT BUDGET BATHROOM

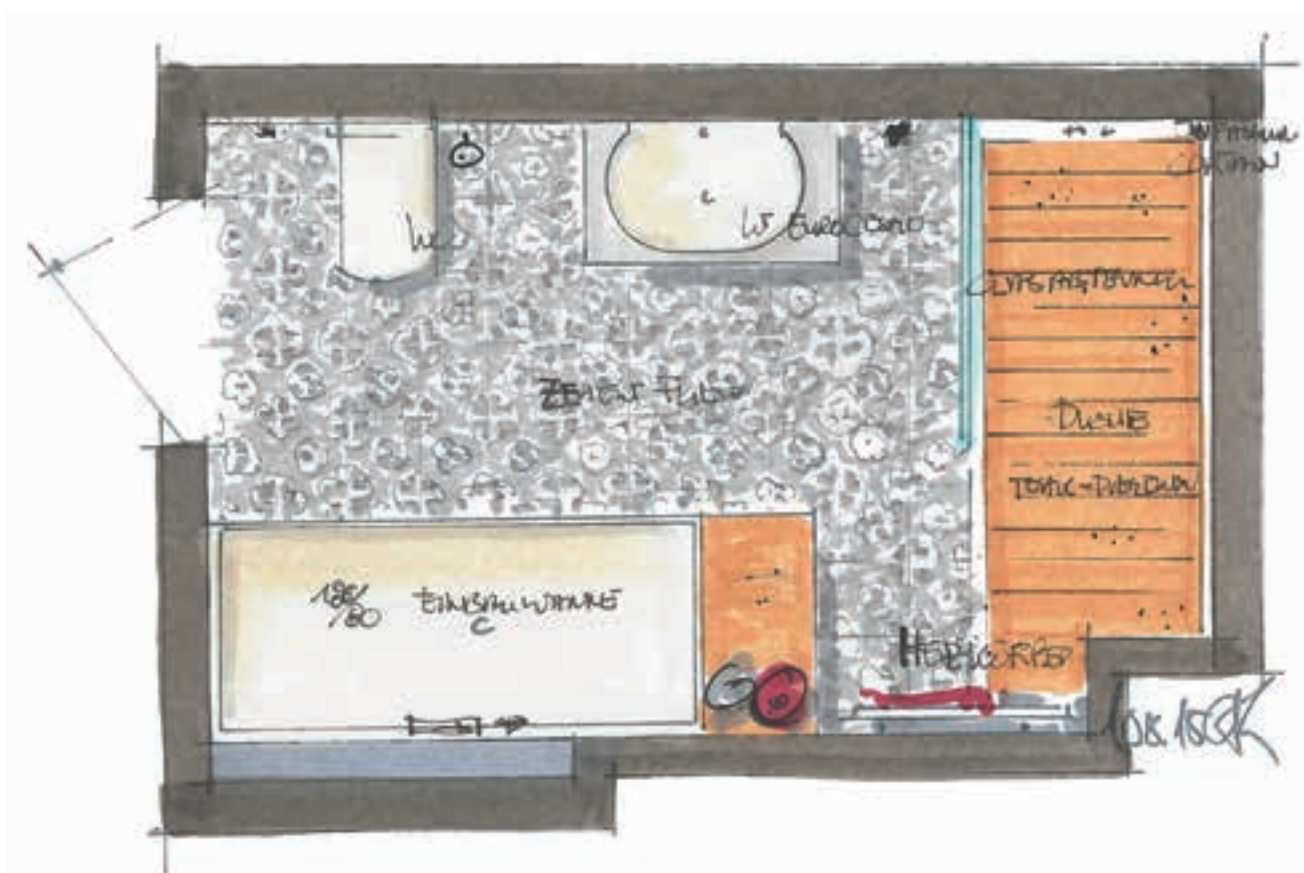
SMART COMFORT BUDGET bathroom: High comfort levels at good value for money

A more functional bathroom can also be tailored to the user's current or future needs. Regardless of whether there is limited space or a small budget, accessible facilities are possible in nearly every bathroom – it just takes good planning and creative concepts. Equally, there is no need for residents to do without an attractive design either.

It is important that all elements are easily accessible to users and that they offer both safety and comfort when in use. This is true for adults as well as for children and senior citizens, irrespective of whether their mobility is restricted or not.

SMART COMFORT BUDGET – Facilities

The centrally placed wash basin, for example, has a single-lever mixer with semi-deep or high spout ensuring freedom of movement in daily personal hygiene. Here, the modern design of the Eurostyle or Eurosmart Cosmopolitan faucet lines looks excellent. In addition, their ergonomically shaped levers have GROHE SilkMove® technology for especially smooth and precise control. In the shower area, a spacious seating area for people with reduced mobility represents practical assistance. A WC is installed at the height of 45 centimetres and equipped with an easy-to-use solution such as the GROHE Skate Air actuation, to further increase comfort. Accessories from GROHE Essentials collection bring the individual sanitary elements together into a coherent design.



Even when working with a smaller surface area, the SMART COMFORT BUDGET bathroom can be sensibly planned. If installing a ground-level shower is not possible, there are also other solutions that only require a relatively small step. Passageways should be at least 80 cm wide to allow easy access to all areas for people with restricted mobility.



SMART COMFORT BUDGET BATHROOM

SMART COMFORT BUDGET Bathroom – the most important features

- Economic room arrangement with seating options
- High level of safety thanks to GROHE TurboStat® technology used in the Grohtherm 1000 thermostats for bath tubs and showers
- Durable, ergonomic equipment; Single-lever mixer with GROHE SilkMove® technology
- Sophisticated design and good value for money, such as the GROHE Eurostyle and GROHE Eurosmart Cosmopolitan faucet ranges and the GROHE Tempesta Cosmopolitan hand shower
- Universal design line with Essentials accessories; easily accessible “EasyReach” shelf
- Smooth operation of the toilet flush thanks to a large button and the Skate Air 1 quantity actuation
- GROHE Rapid SL studded wall installation for disabled elements for installation of support handles



PRODUCT OVERVIEW

Wash basin



23 569 003
Eurostyle
Single lever basin mixer, DN 15 L-size



23 325 000
Eurosmart C
Single lever basin mixer, DN 15 M-size

Shower/bath tub



34 155 003
Grotherm 1000
Thermostatic bath/shower mixer, DN 15



27 588 001
Tempesta neu 100 Cosmopolitan
Wall holder set, 3 types of spray



19 984 000
Grotherm 1000
Thermostatic shower mixer



27 790 001
Tempesta Neu 100
Cosmopolitan
Shower rail set, 4 types of spray
27 596 000
GROHE EasyReach shelf

WC



39 140 000
Rapid SL for WC
with fixings for back
rests and grab bars



38 564 SHo
Skate Air wall plate
Alpine white

SMART COMFORT CARE BATHROOM

SMART COMFORT CARE Bathroom: With safety comes better quality of life

Sanitary facilities for senior residences are subject to special requirements. They must be geared to the needs of older people who might possibly suffer with declining physical and mental abilities. Motor impairments, longer response times, and also the possible forgetfulness of residents should be incorporated in the planning. Aspects such as safety and ergonomics are of the highest priority. For operators, economic viability is also a decisive factor. This applies to the cost of construction and equipment as well as ongoing operational costs. In addition to the standards, in particular DIN 18024 and 18025, empirical data for a design more suited to senior citizens should be included in the planning from the outset.

SMART COMFORT CARE Bathroom – Facilities

When it comes to facilities in senior residences, the fact that older people have reduced visual acuity should be taken into account. It is important to choose products for them that are easy and intuitive to operate. Dials that are easy to read and easy-to-understand pictograms, such as those on GROHE shower thermostats, for example, ensure comfort and security while taking a shower.

In terms of wash basins, users with restricted mobility require fittings that are ergonomically shaped and can be smoothly controlled, like the Euroeco Spezial single-lever mixer by GROHE. The lever on them inclines slightly upwards, they come in different lengths and there is also a version with a bow-shaped handle. Thanks to GROHE SilkMove® technology, movement is as smooth as silk. In addition, many GROHE fittings are also available with different lengths of spout. In this way, the faucet and the bowl can be coordinated so that the water flow does not directly hit the outlet. This prevents water from squirting out when washing as well as germs being flushed up from the outlet.

In addition, thermostat technology such as Grotherm Micro offers protection from burns and scalds when using the wash basin. The combination of infra-red detection and manual actuation of the toilet flush ensures a safe and customisable release after each use.



Independence and self-determination of residents in senior housing should be maintained for as long as possible. This requires planning to build general accessibility requirements into everyday life, while also taking into account the needs of residents.



SMART COMFORT CARE BATHROOM

SMART COMFORT CARE Bathroom – the most important features

- Protection against incorrect operation, e.g. by means of an upstream Grohtherm micro thermostat on the wash basin
- A safety end-stop on all GROHE thermostat limits the maximum temperature to 43 °C if required
- Easy-to-use faucets on the wash basin; e.g. GROHE Euroeco Spezial single-lever mixer
- The length of the spout can be matched to the respective wash basin bowl so that germs are not flushed up from the outlet or the water does not spray too much
- Thermostatic fitting in the shower; in-wall installation for protection from the hot surfaces of fittings
- Easy-to-read dials and pictograms
- Accessible planning in accordance with building regulations
- Toilet flush with automatic user recognition by means of infrared electronics



PRODUCT OVERVIEW

Wash basin



23 043 002
Eurostyle C
Single lever basin mixer, DN 15
L-size



32 767 000
Euroeco Spezial
Single lever basin mixer, DN 15



36 088 000
Essence E
Infrared electronics for wash basins

PRODUCT OVERVIEW

WC



39 111 SH0
GROHE Sensia® IGS
Shower toilet complete system
for in-wall cisterns



39 112 001
Rapid SL for shower toilet



39 140 000
Rapid SL for WC
with fixings for back rests
and grab bars (not for shower toilet)

Shower



37 419 000
Tectron Skate
with additional manual ACTUATION
transformer for external assembly



19 417 000
Grohtherm 2000 special
thermostat with integrated 2-way diverter
diverter for bath tub or shower
with more than a shower head



27 799 000
Tempesta Neu 100
Wall holder set, 2 types of spray



27 057 000
Rainshower®
Shower outlet elbow, DN 15
with round escutcheon



26 062 000
Rainshower® Cosmopolitan 210
286 mm head shower set

SMART COMFORT HOTEL BATHROOM

SMART COMFORT HOTEL Bathroom: Inviting at first glance

Mobility is an important part of the modern life style. This also applies to elderly or disabled people who want to continue to be active and to travel. The hotel industry is therefore increasingly providing accessible guest rooms or at least rooms with very few obstacles to accessibility. When looking at the facilities and equipment in them, planners have to consider that guests in the hotel must find bathroom sanitary products intuitive to use, without a need to learn their functionality in advance. In addition, the bathroom must seem inviting so the guest feels happy and comfortable.

SMART COMFORT HOTEL Bathroom – Facilities

The bathroom is the calling card of a hotel room. This is why the wash basin and faucets, for example, should be perfectly matched. GROHE offers a variety of options for all interior decoration styles. In addition to single lever mixers with low outlets, faucets with high spouts or faucets that are at half-height are also on trend. Eurostyle Cosmopolitan or Concetto in size L create both a visual and a functional highlight of the wash basin. The GROHE Atrio range of faucets with their purist design language also create a design statement in any modern hotel bathroom.

In hotels, people in several rooms will often shower at the same time. Thermostats such as the Grohtherm 1000 offer a high degree of safety and comfort because they reliably maintain a stable water temperature, even when there are fluctuations in the water pressure.

Another important aspect for people with physical limitations is ergonomic flushing of the WC, such as the large actuation button of the Skate Air by GROHE. Alternatively, the Nova Cosmopolitan light wall plate provides integrated, discreet lighting. It lights the way for hotel guests during the night so there is no need to turn on the light. The two-quantity option also helps to conserve water.



Clever planning of accessible hotel bathrooms is a prerequisite for reconciling a high degree of functionality and freedom of movement with an often small floor area. A high standard of design for the fittings ensures an ambience in which guests feel completely comfortable.



SMART COMFORT HOTEL BATHROOM

SMART COMFORT HOTEL Bathroom – the most important features

- Inviting ambience with appealing design
- Intuitive operation for users who will be controlling the faucets for the first time
- Safety and comfort with Grohtherm 1000 shower head thermostat
- GROHE single lever mixer coordinates with the overall design and is available in many sizes; ease of operation thanks to GROHE SilkMove® cartridges; e.g. GROHE Eurostyle, GROHE Atrio and GROHE Concetto
- High efficiency when being operated achieved by using GROHE EcoJoy® variants for a lower flow rate
- Uniform water distribution by means of GROHE DreamSpray® technology in the shower head
- Simple, ergonomic operation of the toilet flush: Skate Air or Nova Cosmopolitan Light with integrated discreet lighting



PRODUCT OVERVIEW

Wash basin



23 569 003
Eurostyle
Single lever basin mixer, DN 15 L-size



32 129 001
Atrio
Single lever basin mixer, DN 15 L-size



32 629 001
Concetto
Single lever basin mixer, DN 15 L-size

WC



39 140 000
Rapid SL for WC
with fixings for back rests and grab bars



38 809 000
Nova Cosmopolitan Light
wall plate



38 564 SH0
Skate Air
wall plate

Shower



19 985 000
Grohtherm 1000
Thermostatic shower mixer
with integrated 2-way diverter



27 799 000
Tempesta Neu 100
Wall holder set, 2 types of spray



26 062 000
Rainshower® Cosmopolitan 210
286 mm head shower set

PROBLEM SOLVING EXPERTISE

GROHE TECHNOLOGY



GROHE TurboStat®

Always the correct shower temperature for maximum comfort and safety.



GROHE CoolTouch®

GROHE CoolTouch® prevents scalding on hot surfaces.



GROHE SilkMove®

Easy movement and smoothness of operation for ultimate ease of use.



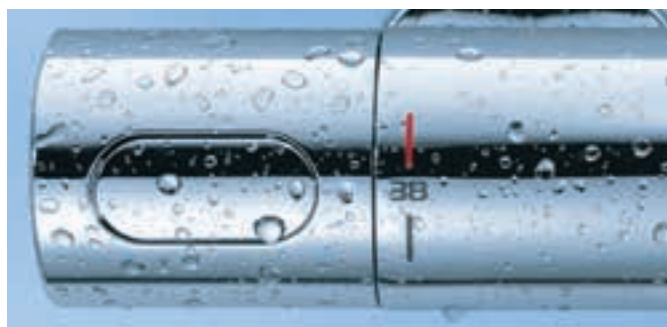
GROHE StarLight®

Long-lasting appearance of surfaces, available in glossy diamond through to a matte finish.



EasyLogic

Enhanced, intuitive user interface with easy to read symbols.



SafeStop+

Temperature limitation at 38 °C, option to install an additional temperature end-stop at 43 °C.

SAFETY AND SCALD PROTECTION

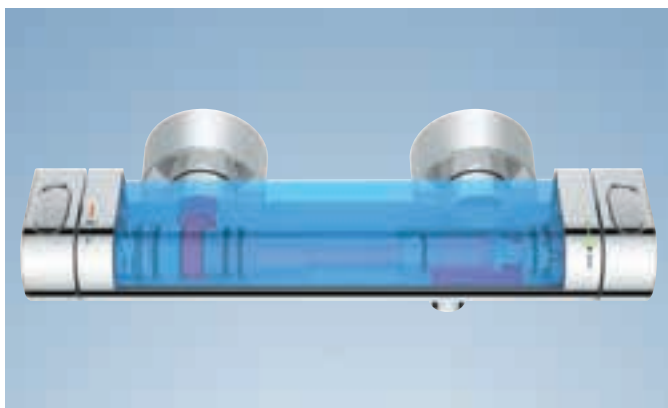
When it comes to cross-generational bathrooms, then various different needs come together. Children, adults and senior citizens not only have very different expectations and ranges of experience, but also various physical conditions in relation to size, flexibility, and coordination.

These challenges must be considered from the outset when it comes to planning a cross-generational bathroom, so that all residents can find the level of comfort and security that they need. In addition to avoiding changes in height, barriers and sharp edges, as well as providing suitable provision for handholds and seating facilities, the intelligent technology in particular is needed. Based on the varied project experience that GROHE has gained in the past in terms of accessible bathrooms, the company's recommendations go far beyond what is required by the standards and building regulations in force.

Even dealing with hot water in the bathroom requires special caution. Single lever mixers at wash basins allow the maximum temperature to be most effectively limited by using an upstream Grohtherm Micro thermostat. In the shower and in bath-shower combinations, then GROHE TurboStat® thermostat technology ensures a constant and comfortable water temperature, which will automatically readjust to any fluctuations in pressure.

Through the use of the temperature limiter with security stop at 43 °C, the user is also protected from scalding when all of a sudden cold water is no longer available. In this case, the thermostat automatically seals off the entire river.

The surfaces of the mixer body and other objects, such as hand showers and shower rails that conduct water, are protected from heating up in any substantial way thanks to GROHE CoolTouch®.



SAFE GRIPS MADE EASY

Cross-generational bathrooms should be designed so that all areas and sanitary products are readily accessible and usable for people with different physical conditions. At the same time, the control logic of fittings and actuation must be easily developed. Easily legible dials and generally understandable symbols on fittings provide important assistance when it comes to safely dealing with and using water.

Complicated handles that must be learned first diminish not only comfort, but can become a security risk, for example, in the shower. The more intuitive the handling, the better the user can apply it. At the same time, simplicity of operation helps to save water and energy, because the flow can be adapted to needs.

While EasyLogic makes an important contribution to the safe use of shower mixer thermostats through the improved readability of the dials, all GROHE single lever mixers on wash basins have GROHE SilkMove® technology to ensure they are especially smooth and easy to operate. Ergonomic wing-shaped handles and extended levers mean they are simple to operate, especially the shower mixers.



Thermostat scale ring is always within the field of vision

TIMELY PREPARATION

In order to keep the expenses of conversion as low as possible, precautions should be taken in the planning of the bathroom. For example from the very beginning, slider wash basins with flat siphons can be installed. Modern WC installation technology such as that provided by GROHE Rapid SL means that the preparatory steps have been taken if support handles become necessary in the future.

As long as no toilet flush is required via wireless electronics, then WC actuation is carried out using low pressure resistance, as is the case with GROHE pneumatics. Remote operations can, if necessary, be easily integrated into support handles. If the internal architecture demands are particularly high, radio push-buttons can be elegantly and discreetly installed as wall switches.



GROHE F DIGITAL BREAKS DOWN BARRIERS – PRACTICAL WIRELESS CONNECTION

Very easy to use and with many additional functions, the GROHE faucet Allure and Veris faucet ranges use f-digital technology. Thanks to the digital control, they can be operated from any location in the bathroom: on the wall, on the edges of most bath tubs or edges of basins, or even on a glass shower enclosure.

So-called pucks enable the water temperature and quantity to be chosen, as well as a diverter between the shower and bath inlet. They are wirelessly connected to the fittings. Users can place the pucks where they can best reach them. In addition, they can be assigned with personal profiles according to individual requirements. The operation of the pucks is intuitive, especially since the dials and symbols are clear and easy to read. The LED illuminated ring indicates how warm the water is and increases user friendliness.

DURABILITY AND QUALITY: SUITABLE FOR MANY GENERATIONS

For cost-effective operation of a bathroom in the private home, as well as in the wider arena, the longevity of the sanitary objects plays an important role. GROHE quality is based on advanced technologies and concepts, high-quality materials and a unique production know-how. The design of GROHE products is also aligned to the longevity of the fittings. One of the most important brand values of the company is that the design is not based on short-term trends, but exudes a stylish timelessness.

The fact that you can rely on the quality of GROHE is also evident in the fact that the company offers a five-year manufacturer's warranty on all products manufactured after April 1, 2012. Streamline products such as the built-in flushing system in the Rapid SL installation system, Uniset and Rapid Pro, as well as the Rapido and Non-Rapido back section even have a GROHE PROFESSIONAL manufacturer's warranty of 10 years. In addition, the plumbing manufacturer provides a retrofit promise of 30 years. Conversion kits are also available for built-in flushing systems that are older than 30 years. In this way, the cross-generational bathroom satisfies the GROHE requirements in several respects.



EVOLUTION OF COMFORT IN BATHROOMS: GROHE SENSIA® ARENA

Shower toilets reach the next design level

The prejudice that planning for a cross-generational bathroom could not be reconciled with a high level of design was disproved a long time ago. An example of this are floor-level showers, which because of aesthetic reasons, are increasingly being found in private baths.

A similar trend is emerging with the WC. The new shower toilets incorporate modern concepts that meet the highest levels of hygiene and comfort, while at the same time have a thoroughly convincing aesthetic appeal. High functionality is not necessarily achieved at the expense of appealing design – regardless of how much support the user needs with their personal care.



Water instead of paper – numerous advantages

The principle that all individual requirements should be incorporated when planning a cross-generational bathroom, are fully met with the GROHE Sensia® Arena shower toilet. This innovative WC uses the gentle power of water to clean and care for skin. This type of spray, both in terms of strength and temperature, can be set individually, saved and then retrieved. An integrated warm air dryer ensures a pleasant drying sensation. The automatic opening and closing of the lid also makes things easier and more practical for all users, regardless of their degree of mobility.

Control as required and according to personal preferences

To control the shower toilet, there are several options: use of the remote control or via a specific smartphone app allows all functions to be selected and also saved. In addition, the GROHE Sensia® Arena can be operated via controls on the side of the toilet – the shower toilet can also be used as a conventional WC.

Lower cleaning requirement helps with everyday life

Particularly people who are getting older or who have physical limitations and want to continue to live independently, will enjoy the fact that less effort is needed to clean GROHE shower toilets. The AquaCeramic technology in combination with the HyperClean surface prevents up to 99 % of bacterial growth. In addition, the shower arms, shower nozzles and cover are all made from antibacterial materials. Comfort, hygiene and ergonomics interact perfectly with high design standards and the safety of users.





A WC embedded in a new world of technology

Architectural anthropology is also currently devoted to the context of demographic change and modern building culture. Prof. Gerhard Loeschcke, who specialised in this topic in his work as an architect, educator and consultant, summarises his observations: "Accommodation must be functional and ergonomically designed, as well as embedded in a good infrastructure. Everybody talks of showers and wash basins that are installed at floor-level and that can be used in a sitting position. Shower toilets are also helpful".

They combine smart technologies with maximum comfort and an attractive design, meaning they can provide added value to users with different physical requirements on different levels.

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