TOUCHLESS REDEFINED
FITTINGS AND FLUSHING SYSTEMS
WHY ELECTRONICS?

THE HANDS-DOWN WINNER FOR GREAT HYGIENE
GROHE infrared technology is traditionally used mainly for basins, urinals and WCs. It’s here that the hygienic benefits of touchless activation become particularly evident to eliminate a potential source of cross-contamination and spread of germs.

TOUCHLESS COMFORT
GROHE has been making infrared products for many years, ensuring that all fittings start and stop the flow of water reliably and precisely. The results are comfortable, touchless operated sustainable products, for young and old.

BUILT-IN COST EFFECTIVENESS
GROHE infrared fittings offer exceptional value. With relatively low acquisition costs our range offers a host of features to keep your water, energy and maintenance costs to a minimum. Ideal for public or residential use.

The optimum in this field are our infrared products with Powerbox, which comes with a self generating power supply. Additional power supplies not required.
THE BENEFITS OF GROHE ELECTRONICS ARE CLEAR

TOUCHLESS PRODUCT FOR VARIOUS DRAW-OFF POINTS

GROHE’s touchless range deliver solutions for Basins, Showers, WC’s and Urinal’s.

The main functions can be set without any additional devices needed. They include:

- Automatic flushing to prevent water stagnating
- Thermal disinfection
- Cleaning mode (function prevents water flow)

With the remote control or the app the settings of all functions can be altered even more precisely to specific needs or surroundings.

RELIABLE AND PROVEN TOUCHLESS TECHNOLOGY

GROHE infrared is a proven and reliable technology; it has been successfully used and updated in the last 40 years, resulting in a highly dependable product.

For commercial settings the GROHE Power Box can help save energy too. A turbine converts kinetic energy into stored electrical energy every time the tap is used, just 60 seconds of water flow provides enough electricity to power the fitting for 24 hours.

DESIGN

GROHE’s touchless products come in a range of designs, all typified by their sleek modern lines and sleek, easy-to-clean detailing. Whatever your project we have the perfect touchless design to fit perfectly with your style.

EASY INSTALLATION

Not only is the mechanical installation easy but also the electronic installation is made installer-friendly, with standard factory settings programmed to fit most needs right away. The electronics can be fed by a transformer but can also be fed by a battery with an exceptional seven year lifespan (with 150 actuations a day).

The bi-directional sensor can be programmed by hand, and also readout and programmed via remote control or via an app.
THE REMOTE CONTROL

All functions and settings (see page 38) can be changed with the new GROHE remote control. The menus feature a logical structure for simple operation. It is intuitive and straightforward to operate and gives plumbers, caretakers or facility managers access to the products.

The integrated screen clearly displays all the setting options and settings – even thermal disinfection can easily be activated just by pressing a button, additionally it shows various usages in an instant.
THE REMOTE APP

Selected GROHE products use Bluetooth® to communicate via smartphones and tablets with a free downloadable app (via Apple or Android Store). The advantage of the app is that you can read multiple products from a distance of around 15 metres. The products can be given individual names and can be made password-protected to prevent interference from outside.

The app can make an analysis of average consumption over the past 30 days, displays the number of automatic flushes and the time of the last automatic flush (see page 36). The app can also track the activations of thermal disinfection including the last thermal disinfection - all in real time.
### Open and closing cycles (30 days)

<table>
<thead>
<tr>
<th>Min</th>
<th>0 - 06.03.2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max</td>
<td>192 - 09.02.2016</td>
</tr>
</tbody>
</table>

![Graph showing open and closing cycles](grohe.co.uk)
new

36 445 000
Infrared basin mixer (6 V) with mixing device
Height mousseur 211 mm
36 446 000
Infrared basin mixer (6 V) without mixing device
Height mousseur 190 mm
36 444 000*
Infrared basin mixer (230 V)

36 447 000
Infrared basin mixer (230 V) without mixing device
projection 182 mm
36 264 001
Concealed box for cold or premixed water
for 36 442 000 / 36 447 000
38 748 002
Rapid Si concealed for cold or premixed water
for 36 442 000 / 36 447 000

36 407 001
Remote control for all GROHE infrared fittings
incl. demo mode
65 807 000
Round Metal Pop-up Waste for wash basin
with overflow hole
28 912 000
Round Waste

Adjust settings via:

*Additionally requires power supply 36 338 000
The design vocabulary of the Essence E range of taps, based on the cylindrical form, is simple, yet sophisticated. Contemporary looks and a high level of comfort because of height and swivel spout combine to form an elegant design that looks equally at home in public and semi-public areas, restaurants and even private sanitary facilities.
Based on the sleek, sharp lines of a cube, Eurocube E is perfect for minimal spaces where making a design statement is important. With the addition of our proven infrared technology to this highly popular single-lever mixer, this Cubist masterpiece is now also ideal for office, hotel or other commercial use too.
36 441 000
Infrared basin mixer (6 V)
with mixing device
Height mousseur 200 mm
36 440 000*
Infrared basin mixer (230 V)

36 442 000
Infrared basin mixer (230 V)
without mixing device
projection 172 mm

36 264 001
Concealed box for cold or
premixed water
for 36 442 000 / 36 447 000

38 748 002
Rapid SI concealed for cold or
premixed water
for 36 442 000 / 36 447 000

40 565 000
Square
Metal Pop-up Waste
for wash basin
with overflow hole

40 564 000
Square
Waste

36 407 001
Remote control for all
GROHE infrared fittings
incl. demo mode

*Additionally requires power supply 36 338 000

Adjust settings via:

- GROHE sensor
- GROHE remote control
- GROHE EcoJoy
- GROHE StarLight
- LongLife Battery
- SmartFix
- Touchless
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 207 001</td>
<td>Infrared basin mixer (6 V) with mixing device</td>
<td>Height mousseur 91 mm</td>
</tr>
<tr>
<td>36 236 001</td>
<td>with mixing device and waste set</td>
<td></td>
</tr>
<tr>
<td>36 208 001</td>
<td>without mixing device</td>
<td></td>
</tr>
<tr>
<td>36 209 000</td>
<td>Infrared basin mixer (230 V) with mixing device</td>
<td></td>
</tr>
<tr>
<td>36 207 001</td>
<td>with mixing device</td>
<td></td>
</tr>
<tr>
<td>36 015 001*</td>
<td>Infrared basin mixer (230 V) without mixing device</td>
<td></td>
</tr>
<tr>
<td>36 387 000</td>
<td>Infrared basin mixer with power box and mixing device</td>
<td></td>
</tr>
<tr>
<td>36 240 001</td>
<td>Infrared basin thermostat (6 V), wall-mounted, projection: 232 mm</td>
<td></td>
</tr>
<tr>
<td>36 239 001</td>
<td>projection 264 mm</td>
<td></td>
</tr>
<tr>
<td>36 407 001</td>
<td>Remote control for all GROHE infrared fittings incl. demo mode</td>
<td></td>
</tr>
<tr>
<td>36 209 000</td>
<td>Hidden mixing device for Europlus E</td>
<td></td>
</tr>
</tbody>
</table>

Adjust settings via:

*Additionally requires power supply 36 338 000
The Europlus E from GROHE is based on a timeless design that has made it a classic in public sanitary facilities all over the world. Owners and operators of airports, sports facilities, hospitals, clinics and restaurants value this efficient and diverse application of reliable technology that has proven itself over many years.
The Cosmopolitan E series offers a wide range with various heights and length of spouts, with or without mixing, to supply a perfect solution for operators of public or commercially used washrooms.

The spout of the Eurosmart CE mixers is designed at a 7 degree angle; this creates extra space below the flow control for washing hands and increases user comfort. The design is visually defined by the distinctive lozenge shape which can even be seen in the IR sensor and is typical of the Cosmopolitan range of mixers from GROHE. Its simple elegance is enhanced by the seamless body, which makes it easy to clean.
36 421 000* L-Size
Infrared basin mixer (230 V)
with mixing device
Height mousseur 150 mm
36 422 000
Infrared basin mixer (6V)
36 327 001
Infrared basin mixer (6 V)
with mixing device
Height mousseur 106 mm
36 331 001
with mixing device and waste set
36 330 001
with hidden mixing device
New: 36 439 000
without mixing device
36 325 001* Infrared basin mixer (230 V)
with mixing device
36 386 001
Infrared basin mixer with power box
and mixing device
36 333 000
Infrared basin thermostat (6 V)
wall-mounted, projection: 255 mm
36 332 000
projection: 287 mm
36 271 000
Infrared basin mixer (6 V)
without mixing device
Height mousseur 86 mm
36 269 000*
Infrared basin mixer (230 V)
without mixing device
36 384 000
Infrared basin mixer with power box
without mixing device

*Additionally requires power supply 36 338 000

Adjust settings via:
- GROHE sensor
- GROHE remote control
- GROHE EcoJoy
- GROHE StarLight
- GROHE CoolTouch
- GROHE TurboStat
- LongLife Battery
- Touchless
Concealed box for connecting to mixing device

36 335 SD0
Infrared basin mixer (230 V) wall-mounted, projection: 172 mm
Chrome spout and escutcheon for concealed box 36 339 000 or 36 337 000, projection: 232 mm

36 315 000
Infrared basin mixer (230 V) wall-mounted, with mixing device projection: 172 mm
36 376 000
Chrome spout and escutcheon for concealed box 36 339 000 projection: 232 mm

36 273 000
Infrared basin mixer (230 V) wall-mounted, without mixing device Chrome spout and escutcheon for concealed box 36 336 000 or 36 337 000 projection: 172 mm

36 407 001
Remote control for all GROHE infrared fittings incl. demo mode

36 336 000
Concealed box with integrated pre-adjustable thermostatic mixer 36 337 000
Concealed box for cold or premixed water

36 339 000
Concealed box for connecting to mixing device

Adjust settings via:
GROHE sensor
GROHE remote control
GROHE EcoJoy
GROHE StarLight
SmartFix
Touchless
The Cosmopolitan E series offers one-hole solutions and a range of concealed products with mixing, pre-mixing or for cold water. This fresh, clean design fits perfectly into every surrounding, with the added benefits of concealed pipework making it easier to keep clean and offering a more luxurious appearance.
Infrared urinal or wc flush control plates are the perfect complement to our taps. They all have one thing in common: the same sensor technology platform which includes all features and benefits to create a total hygienic and comfortable room concept.

The infrared technology guarantees the WC / urinal is always clean for the next user and it is also possible to programme an automatic pre-flush or cleaning flush to avoid water stagnation after a set period of inactivity.
WC TECTRON CONCEALED

37 419 000
Tectron Skate infrared WC plate for flushing cistern (230 V)
with additional manual actuation
37 419 SD0
stainless steel

38 698 SD1
Tectron Skate infrared WC plate for flushing cistern (230 V)
stainless steel

38 699 001
Tectron Surf infrared WC plate for flushing cistern (230 V)

URINAL TECTRON CONCEALED

37 324 001
Tectron Skate infrared control (6 V)
37 324 SD1
stainless steel
37 321 001
Tectron Skate infrared control (230 V)
37 321 SD1
stainless steel
37 321 SH1
alpine white

37 337 001
Tectron Surf infrared control (6 V)
37 336 001
Tectron Surf infrared control (230 V)

38 787 000
Concealed box for urinal (6 V)
37 338 000
Concealed box for urinal 6 V or 230 V

36 407 001
Remote control for all GROHE infrared fittings incl. demo mode

Adjust settings via:

- GROHE sensor
- GROHE remote control
- GROHE StarLight
- LongLife Battery
- Touchless

grohe.co.uk
THE REMOTE APP PRODUCTS WITH BLUETOOTH® COMMUNICATION

Selected GROHE products (230V) with Bluetooth® communication* boast a special feature: They can communicate with smartphones and tablets over a free downloadable app, making it easier than ever to read out consumption data and set a variety of functions.

In sanitary facilities with several mixers or WC / urinal flushes, the data from all infrared products within range are captured at once and can be read out one after the other. What’s more, the draw-off points can be assigned names via the app, making maintenance more systematic.
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### GROHE INFRARED MIXERS WITH BLUETOOTH® COMMUNICATION**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 411 000*</td>
<td>Europlus E infrared basin mixer (230 V) with mixing device for app</td>
</tr>
<tr>
<td>36 413 000*</td>
<td>Eurosmart Cosmopolitan E infrared basin mixer (230 V) with mixing device for app</td>
</tr>
<tr>
<td>36 409 000*</td>
<td>Euroeco Cosmopolitan E infrared basin mixer (230 V) without mixing device for app</td>
</tr>
<tr>
<td>36 414 000</td>
<td>Eurosmart Cosmopolitan E infrared basin thermostat (230 V) wall-mounted, for app projection: 287 mm</td>
</tr>
<tr>
<td></td>
<td>Rough-in for 36 414 000</td>
</tr>
<tr>
<td>36 410 000</td>
<td>Euroeco Cosmopolitan E infrared basin mixer (230 V) without mixing device for app projection: 172 mm</td>
</tr>
<tr>
<td></td>
<td>for concealed box 36 336 000 and 36 337 000</td>
</tr>
<tr>
<td>36 412 000</td>
<td>Eurosmart Cosmopolitan E infrared basin mixer (230 V) wall-mounted, with mixing device for app</td>
</tr>
<tr>
<td></td>
<td>projection: 172 mm for concealed box 36 339 000</td>
</tr>
<tr>
<td>36 336 000</td>
<td>Concealed box with integrated pre-adjustable thermostatic mixer</td>
</tr>
<tr>
<td>36 337 000</td>
<td>Concealed box for cold or premixed water</td>
</tr>
<tr>
<td>36 339 000</td>
<td>Concealed box for connecting to mixing device</td>
</tr>
</tbody>
</table>

*Additionally requires power supply 36 338 000

Adjust settings via:

- GROHE sensor
- GROHE remote control
- GROHE Bluetooth®
- GROHE EtaJury
- GROHE StarLight
- GROHE CoolTouch
- GROHE TurboStat
- SmartFix
- Touchless
36 415 000
Euromart Cosmopolitan E
infrared shower control
wall-mounted, (230 V)
without mixing device for app
for concealed box 36 416 000

36 416 000
Concealed box with thermostatic mixer

37 504 000
Tectron Skate
infrared WC plate
for flushing cistern (230 V)
with additional manual actuation for app

37 505 SDO
Tectron Skate
infrared WC plate
for flushing cistern (230 V)
for app
stainless steel

37 503 000
Tectron Skate
infrared urinal plate (230 V)
for app

37 338 000
Concealed box for urinal 6 V or 230 V
for 37 504 000, 37 505 000, 37 503 000

39 369 000
Temperature sensor (230 V)
for app
to be combined with Rapid SL 39 376 000

* * The Bluetooth® word mark and logos are
registered trademarks of the Bluetooth® SIG,
Inc. and are used by GROHE AG under licence.
Other trademarks and brand names are the
property of their owners.
36 276 000
Rotation lock for Eurosmart Cosmopolitan E

36 133 000
Theft-proof mousseur with key 7,5 - 9,0 l/min at 3 bar

34 487 000
Grohtherm Micro under-basin thermostat

47 533 000
Connection set Grohtherm Micro for fittings with mixing
45 704 000
for fittings without mixing

38 896 000
Extension set, 50 mm for 37 338 000 and 38 787 000

36 338 000
Switch-mode power supply for concealed socket

36 340 000
Extension cable, 3 m
36 341 000
10 m
36 407 001
Remote control for all GROHE infrared fittings incl. demo mode
## GROHE INFRARED TECHNOLOGY
### YOUR BENEFITS

<table>
<thead>
<tr>
<th>BENEFITS FOR OPERATORS OF SANITARY FACILITIES IN PUBLIC AND COMMERCIAL SPACES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reliable and durable technology with a variety of options to meet users’ needs</td>
</tr>
<tr>
<td>Full transparency whenever taps and flush systems are activated, meaning more opportunities to track and control use patterns</td>
</tr>
<tr>
<td>Easier maintenance</td>
</tr>
<tr>
<td>Enhanced safety and hygiene thanks to simplified settings for automatic flushing, thermal disinfections and cleaning mode function</td>
</tr>
<tr>
<td>More efficient and cost-effective</td>
</tr>
<tr>
<td>More sustainable thanks to lower water and electricity consumption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BENEFITS FOR PLUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Better access to settings and controls of taps and flush systems</td>
</tr>
<tr>
<td>Intuitive activation and control of running times, flow rates, detection zones and other features</td>
</tr>
<tr>
<td>Easier setting of functions such as automatic flush, cleaning mode and thermal disinfection</td>
</tr>
<tr>
<td>Faster and/or simultaneous setting of entire rows of sanitary products</td>
</tr>
<tr>
<td>Enhanced service quality and easier maintenance planning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FIVE-YEAR WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Since GROHE products are designed to have an exceptionally long service life and are subjected to intensive, extended-use testing, we are able to offer comprehensive warranties.</td>
</tr>
</tbody>
</table>
## FUNCTIONS AND SETTINGS BY HAND

### SETTING OPTIONS BY HAND VIA SENSORS

- **7 preset standard programmes** for the key functions
- **Automatic flushing frequency** (off, 24 or 72 hours, to prevent water stagnation)
- **Automatic flushing duration** (60, 300 or 600 sec.)
- **Thermal disinfection** (3, 5 or 11 min., or continuous operation); Sensor monitored: Automatic stop when a hand approaches (reflection)
- **Cleaning mode function** (off or 180 sec., easy for cleaning staff to operate)
- **Setting flush volume** for the WC and urinal (WC 4-9 l, urinal 1-7 l)
- **Battery charge indicator**: Blinking LED = low battery charge; displays 4 charge levels: >60%, >40%, >20%, <20%
THE REMOTE CONTROL
FUNCTIONS AND SETTINGS

SETTINGS VIA REMOTE CONTROL (CONFIGURATION)

Setting the detection zone in 1 – 19 steps (7–20 cm)

Automatic flush
Time: According to time or use in 4-hour increments (4–80 hours)
Flush duration: Flexible, in 30-second increments (30–600 sec.)

Thermal disinfection in one-minute increments (4–23 min.)
Activating thermal disinfection with one press of a button
Cleaning mode function with three different time settings (180, 320, 560 sec.)
Total running time of waterflow per activation (6–420 sec.)
Run-on time after leaving detection zone is individually adjustable in one-second increments (0–19 sec.)

SERVICE VIA REMOTE CONTROL

Read out, save and load of product profile (depending on product category)
Battery charge indicator
Restore factory or user settings
Read out infrared product’s software version, serial number and manufacturing date
Number of power interruptions
Switch product off / on

CONSUMPTION DATA VIA REMOTE CONTROL (MONITORING)

Monitoring consumption and flow data
Number of thermal disinfections
Total running time
Number of times solenoid valve is opened and closed
Number of automatic flushes
Reset solenoid valve counter for maintenance
THE REMOTE APP
FUNCTIONS AND SETTINGS

IMPROVED MAINTENANCE FUNCTIONS
- Finds all products in range and read them out one after the other
- Password-protected access
- Simple product selection via the app
- Individual name assignment for each product
- Analysis of average consumption data over the past 30 days
- Number of automatic flushes, time of last automatic flush
- Consumption per day, consumption during the past 30 days
- Activations of thermal disinfection, last thermal disinfection
- Total running time of each fitting, activations of solenoid valve
- Real time flushing

CONVENIENT, USER-FRIENDLY SETTING OPTIONS
- Range setting in 1 – 19 steps (7–20 cm)
- Automatic flush
- Time or user dependable 4 hour increments (4–80 hours)
- Flush duration: Flexible, in 30-second increments (30–600 sec.)
- Exact time control
- Thermal disinfection in one-minute increments (4–23 min.)
- Activating time-controlled thermal disinfection with one press of a button
- Cleaning mode function with three different time settings (180, 320, 560 sec.)
- Total running time of waterflow per activation (6–420 sec.)
- Run-on time after leaving detection zone is individually adjustable in one-second increments (0–19 sec.)

IMPROVED INFORMATION ABOUT SERVICE AND MAINTENANCE TASKS
- Read out, save and load of product profile: three profiles per product category
- Restore factory or user settings
- Hardware and software version

System requirements
Apple* iPhone 5 / 6 / 6s / 6 Plus / SE / 7 / 7 Plus
iPad 2 / 3 / 4 / Air / Air 2 / iPad mini 2 / 3
Apple operating system:
iOS 8.0 and higher (32 / 64 bit)
Android
4-inch display, OS 4.3.x–6.x

Mobile end devices and the GROHE Infrared Remote App are not included in delivery and must be acquired through an authorised Apple reseller/retailer/iTunes or the Google Play Store.

*Apple, the Apple logo, iPod, iPod Touch, iPhone and iTunes are trademarks of Apple Inc. and are registered in the USA and other countries. Apple assumes no responsibility for the functioning of this device or its compliance with safety standards and regulatory norms.
WELCOME TO GROHE SMART

Be SMART and become a partner of the largest loyalty program for bathroom installers! GROHE SMART is specially designed for installers of GROHE products: As a GROHE SMART partner you get more for your money – more “SMARTS” for every GROHE product purchased from the entire range and a wider choice of exciting rewards.

But it’s not just individual installers that can become a partner with GROHE SMART. Your entire business can be involved – every employee can collect points, known as SMARTS, for the company.

WHAT ADVANTAGES DOES GROHE SMART OFFER YOU?

COLLECT “SMARTS” AND GET YOUR REWARDS

Our range contains more than 1,700 products for in front of and behind the wall installations – and you can collect SMARTS for all of these products and exchange them for attractive rewards! Registering the products you have purchased is easy. Simply enter the UPI code or scan the QR code from the GROHE packaging online or via the SMART app available in the Apple and Android stores – and start collecting your valuable bonus points.

MEMBERSHIP IS FREE AND FLEXIBLE

Your membership of GROHE SMART is completely free of charge and attuned to your particular needs: Receive benefits, rewards and information specifically tailored to your personal requirements. The more you use GROHE SMART, the better we can support you.

KEEP UP TO DATE

Thanks to GROHE SMART you’re always well-informed. Be the first to receive product news, get invited to product courses and introductions in your area, take part in free e-learning modules and know all of the special offers available.

REGISTER NOW AT GROHESMART.CO.UK
Just scan the QR code to view the latest brochure as download or PDF on your tablet or smartphone.