



Concealed Flushing and Installation Systems.

PERFORMANCE AND INNOVATION





## Thinking about saving water? Think GROHE.

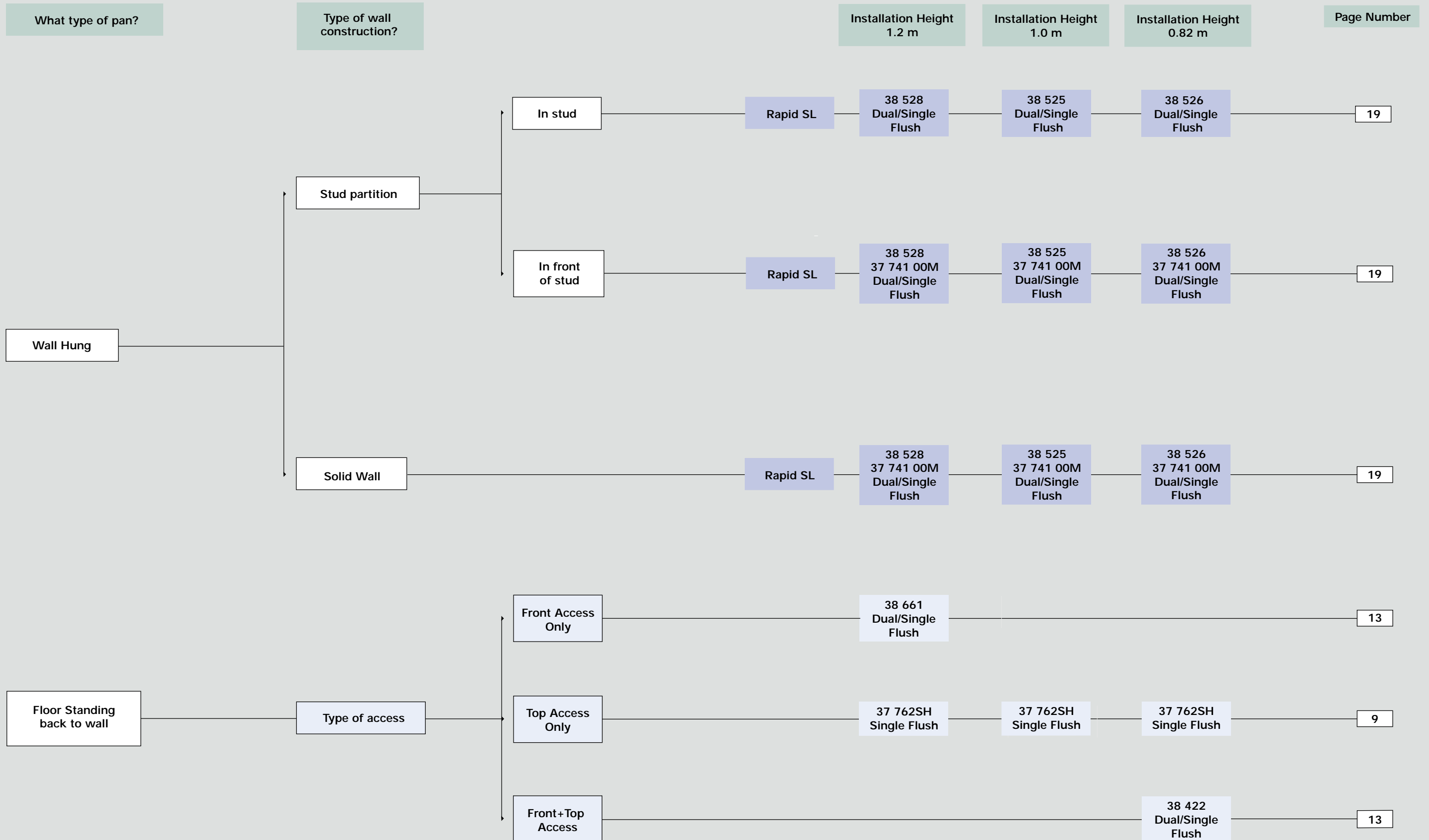
Water, our most vital resource. Few people realize how much water they flush down their drains every day. Planet Earth is also known as the “blue planet” because most of its surface is covered with water. However, drinking water accounts for no more than 0.3% of our global water reserves. So fresh water is more precious than many people think. No life on earth is possible without it, and we are all challenged to make responsible use of this vital resource. GROHE technology can help us do just that. GROHE’s 6-litre cistern with economy flushing function is a perfect example of how easy it is to save water on a day-to-day basis. Compared with historical 9 or 7.5 litre cistern.

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# WC Overview



# Saving water pays off.

Water consumption for WCs in private households is tremendously high at 27%. That is the reason that saving water is so important: water is not an inexhaustible resource, and its processing is becoming ever more expensive. The GROHE 6 litre systems and the dual flush offer the opportunity of selecting the most economical flush.



**1** Press only the larger button  
Flush with the entire water volume



**2** Press only the Eco button  
Flush with the reduced water volume, thus saving water and helping the environment.

### GROHE Cisterns.

It makes no difference whether you are planning a new project or modernising, GROHE offers a solution as individual as you are. Plan the perfect washroom from the versatile range of cisterns and frames presented by GROHE for any ducted installation. The design features will inspire pioneering sanitary choice, enhanced by the confidence in the application of wall hung and back to wall floor standing sanitaryware. GROHE systems not only save time and water consumption, they are robust and reliable, which is highlighted by the 200,000 life cycle endurance testing conducted at our laboratories.



### Up to 50% less water for WCs.

Under the Water Regulations, new installations of WC bowls must have a maximum flush volume of 6 litres. The following is a comparison of water saving potential based on an average household of 4 persons. Each person uses the toilet 5 times per day, 1 full flush and 4 short flushes. With a historical 7.5 litre cistern, 150 litres of water is flushed per day, the yearly consumption is thus 54,750 litres. The dual flush 6/3.5 l technology is also available in rapid frames.

#### Consumption/Savings

	Historical 7,5 ltr, flushing cistern	GROHE 6 ltr, flushing cistern	GROHE 6/3.5 ltr, dual flush
Consumption/Day	150 ltr	120 ltr	80 ltr
Consumption/Year	approx 54,750 ltr per year	approx 43,800 ltr per year	approx 29,200 ltr per year
<b>Savings over conventional installation per year</b>		<b>10,950 ltr</b>	<b>25,550 ltr</b>

#### Water consumption Toilet flushing per year in a 4-person household

- Basis:
- 4-person household
  - WC use per person and day: 5 (1 x full flush, 4 x short flush)

## Adagio Concealed Cistern for all ducted applications



## Adagio Concealed Cistern, in a word, versatile

A top access cistern suitable for high and low pressure installation. The Adagio Concealed cistern presents a solution to those awkward installation problems.

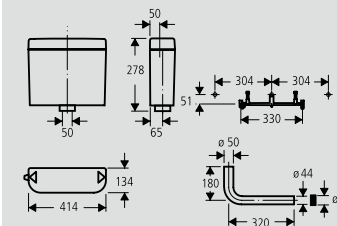
The mounting template makes fastening to the wall easier. It serves as a hanging device at the same time.

Modern designed components provide reliable and effortless operation, enhanced by the innovative pneumatic push button flush.

### Air button Vs Cistern Lever

Air Button	Cistern Lever
<b>Hose connection</b>	<b>Mechanical connection</b>
<b>No maintenance needed</b>	<b>Regular maintenance</b> - re-set mechanism - c-link, halter arm corrodes - plastic and metal variations
<b>Standard Range of buttons</b>	<b>Different model types</b> - hexagonal shank - square shank - plastic & metal variations
<b>Versatile positioning</b> - button position remote to cistern - positioning of cistern	<b>Fixed position</b> - lever must line up to cistern - additional cost of extended lever is expensive
<b>Simple Actuation</b> - soft easy action push button	<b>Difficult to operate by all</b> - can be difficult for young, old and less-able

### Adagio at a glance

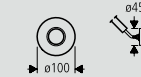
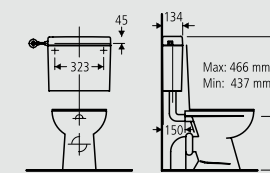


#### 37 762 SH0 Adagio

concealed cistern 6 l, ABS flush pipe 180 x 320 mm, rubber inlet pan connector, Min. recommended pressure 0.2 bar.

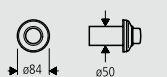
- without air buttons

37 761/37 768 -



#### 37 761000

Air button, for use with Adagio 37 762 SH0, 100 mm dia trim set, chrome plated ABS, 750 mm air hose (see page 8).



#### 37 768000

same as 37 761000, 84 mm dia trim set, chrome plated brass.



**38 488 Air button, chrome**  
air button 63 mm dia, with 750 mm air hose for panel thickness up to 30 mm only for use with a removable shelf/panel made of ABS for use with Adagio cistern 37 762.



**38 496 Air button, chrome**  
air button 63 mm dia, with 750 mm air hose for panel thickness up to 30 mm chrome plated brass only for use with a removable shelf/panel for use with Adagio cistern 37 762.



**38 497SD Air button, stainless steel**  
air button 63 mm dia, with 750 mm air hose for panel thickness up to 30 mm only for use with a removable shelf/panel for use with Adagio cistern 37 762.

## Revolutionise your bathroom design with front access



GROHE offers a range of concealed cisterns with access plates which are suitable for floor standing back-to-wall and wall mounted WCs. Front access brings a new dimension to bathroom design. Now you are able to incorporate the GROHE concealed cistern in the bathroom as an integral co-ordinated accessory. You no longer have to accept the compromise of design access through a panel or a service duct. Seamless surfaces combined with co-ordinated design enhance the look of your bathroom. GROHE is setting new standards with its Dual Flush technology for concealed cisterns. Using existing GROHE air button technology, we have integrated this in to the design and access features of GROHE wallplates. At only 156 x 197 mm you can make a big impression with coordinated wall plates, Atrio, Tenso, Ectos and Chiara. All serviceable components are hidden and are accessible through the wallplate (see page 22 to 23).



### Important notes for Installers

There are options for different installation height requirements with products ranging from 0.82 m to 1.2 m. The small wallplates, 156 x 197 mm will provide comfortable access to the internal serviceable components. Maintenance and servicing is made easy by the location of the isolating valve behind the wallplate.

## Important notes for Designers



### Concealed Cisterns

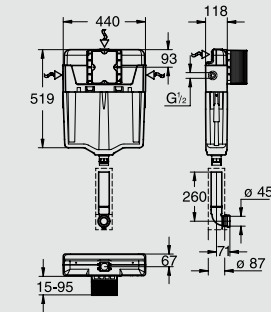
#### Important notes for Designers

There are options for different installation heights ranging from 0.82 m to 1.2 m.

Top access or front access is available, suitable for application within furniture, behind tiled or marbled surfaces.

Both cisterns offer the choice of single or dual flush just by selecting the appropriate pneumatic flush plate. See the wide choice of plates on pages 22 and 23.

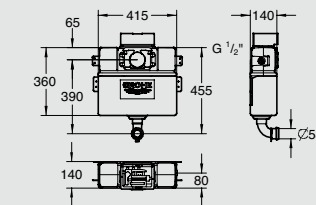
Coordinated design elements with the ARTICULATION range of products enhances the design coordination of wall mounted fittings such as sanitaryware, faucets, and bath fittings.



#### 38 661

**GROHE** front flush concealed cistern 6/3.5 l, 2 modes of operation dual flush or single flush, connection from the left/right/rear/top, for 1.2 m installation height, with flush pipe.

– Without Flush Wall plate and inlet pipe connector 37 489 –



#### 38 422

**GROHE** flushing cistern dual flush 6/3 l or single flush 6 l, connection from the left/right/rear, 0.82 m installation height, actuation from front/above.

– Without Flush Wall plate and inlet pipe connector 37 489 –

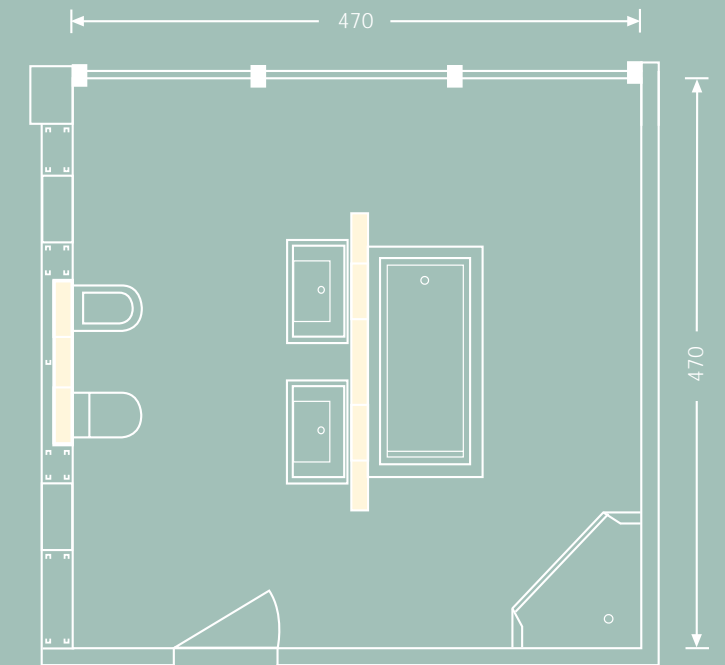
#### Note:

Wall Plate options refer to page 22-23



14 |

Rapid SL



## Sophisticated bathroom planning. Rapid SL.

An example of how you can design a floor plan: With WC, wash basin, bidet (or urinal). You can choose the installation heights, whether it be 1.20 m, 1.00 m or 0.82 m. Rapid SL makes dream bathrooms come true.

## All the advantages at a glance.

### Element

Frame thickness is ideal for studded wall installation

Points for securing the with the wall installation brackets, depth adjustable from the front

Points for securing wooden studded wall partitions

Feet designed to fit into 50 or 75 mm metal profiles

200 mm height adjustment

### Flushing cistern

Inspection shaft for small cover plate

Protective cover fitted during construction work, can be installed horizontally or vertically

Water inlet can be connected to the left/right/rear or top of the cistern.

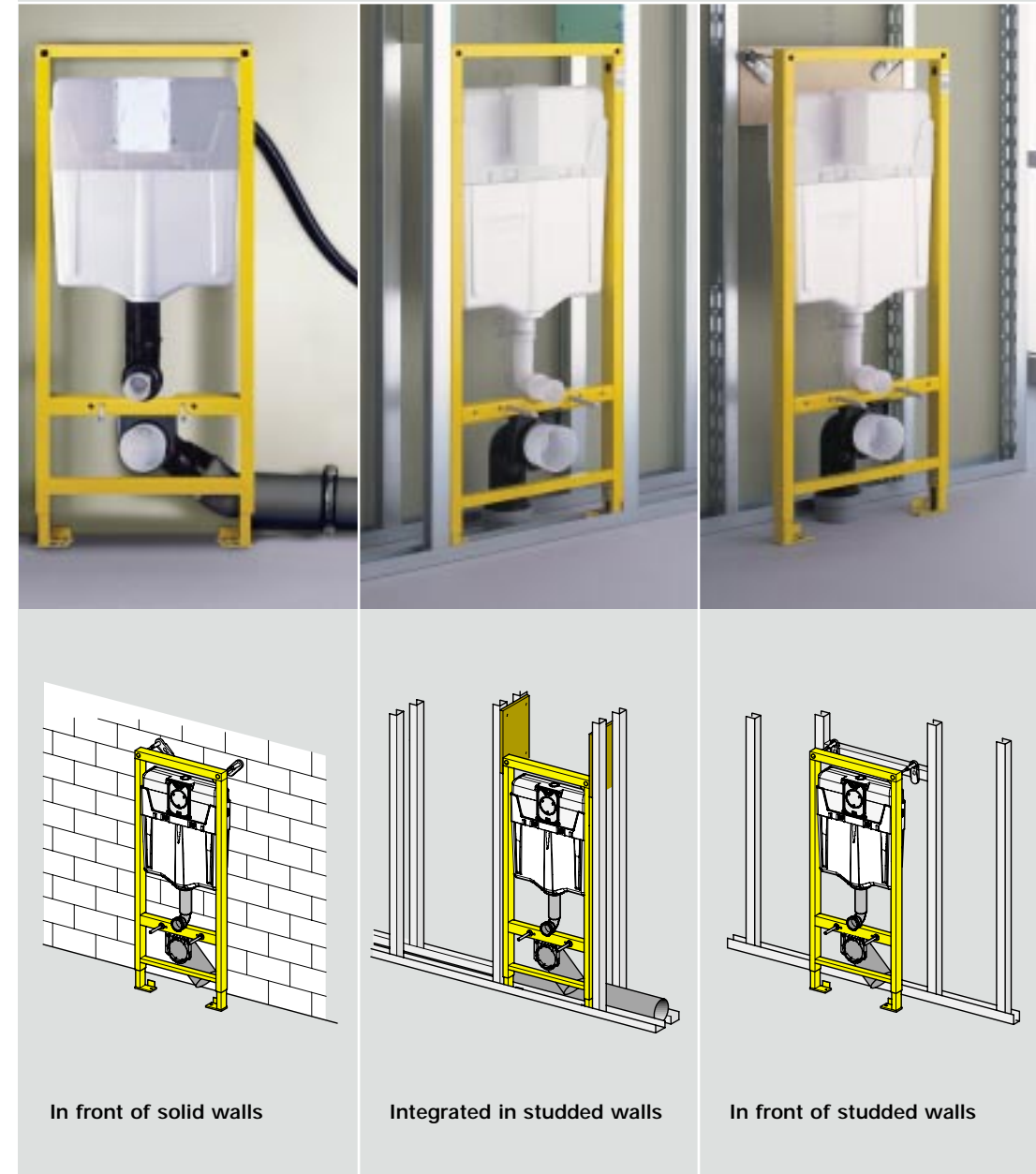
Easy fit 1/2" water inlet connection incorporates internal isolating valve

Pneumatic discharge valve with 2 modes of operation:

- dual flush
- single flush



### 1 Frame = 3 Kinds of installation





# Top design gives the technology a chance to shine: Surf, Skate and Coordinated Design.

The WC actuation plates are advantageously small: only 156 mm by 197 mm. All GROHE wall plates offer pneumatic actuation now for easy actuation and simple installation. The universal discharge valve gives the opportunity for the user to decide according to his respective needs: single flush or dual flush (small flush volume). WC wall plates which go perfectly with the GROHE fitting series Chiara, Ectos, Atrio and Tenso provide undisturbed decorative harmony in the bathroom. Coordinated design which you will only find from GROHE.



**Eye-catching actuations. Plates.**

- They go with every installation
- They fascinate through the knowing combination of the geometric shapes rectangle and circle
- Skate Air with two push buttons offers you the choice: full flush volume or, in order to save water, small flush volume.
- Skate Air with single flush actuation is not only practical for public areas but through it's projecting push button it is also easy to handle for less able people.
- Our advanced pneumatic mechanism leaves you the choice for a vertical or horizontal arrangement of the wall plate, depending on the chosen cistern (see chart on page 22+23).



**Coordinated design for enhanced harmony.**

And for undisturbed decorative harmony in the bathroom you will find a cover plate for WC actuation to match the GROHE fitting series Atrio, Ectos, Tenso and Chiara. Coordinated design which you will only find from GROHE.



Quick Reference Product Guide														
WC Cisterns		37 376/37 381 Dual Flush	38 505 Dual Flush	38 506 Dual Flush	38 564 Single Flush	38 565 Single Flush	38 670 Single Flush	37 068 Single Flush	37 059 Single Flush	38 488 Single Flush	37 761 Single Flush	37 060 Single Flush	37 74100M	37 489
	37 762SH									✓*	✓*			
	38 661	✓	✓	✓	✓	✓	✓	✓				✓		✓
	38 422	✓		✓		✓	✓		✓			✓*		✓
	Rapid SL WC Frames 1.20 m 38 528	✓	✓	✓	✓	✓	✓	✓					✓+	
	Rapid SL WC Frames 1.00 m 38 525	✓		✓		✓	✓		✓			✓*	✓+	
	Rapid SL WC Frames 0.82 m 38 526	✓		✓		✓	✓		✓			✓*	✓+	

WC Wall Plate Selection

\* requires access through removable panel + required for front wall installation only

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