



PROJECT		REF		REV	ITEM CODE	
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SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p>	<p>GROHE (Germany) Infra-red electronic flushing control with manual actuation comprising with concealed flushing cistern with frame in AC Supply ; 3.1/4.6 LPF in WELS Grade 1; Registration No. WC 21-0128</p>	<p style="text-align: center;">Illustration/ Drawing</p>
<p>Dimensions</p>	<p>W156 x H197 x D19 mm</p>	
<p>Model</p>	<p>37419000 (Actuator) 38528001 (Concealed cistern with frame) 3855800M (Wall brackets)</p>	
<p>Finish</p>	<p>Chrome Plated (Actuator)</p>	
<p>Manufacturer</p>	<p>GROHE Limited</p>	
<p>Supplier</p>	<p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung</p>	
<p>Contact Tel/Fax</p>	<p>(852) 2388-7171 / (852) 2710-8012</p>	
<p>E-mail</p>	<p>acme@acmesanitary.com.hk</p>	
<p>Website</p>	<p>www.acmesanitary.com.hk</p>	
<p>Tectron Skate (37419000) Infra-red electronic for WC flushing cistern with additional manual actuation with infrared sensor for bi-directional communication for monitoring, configuration and service purpose GROHE StarLight® finish with transformer 100-230 V AC, 50-60 Hz, 6 V DC for single flush actuation for flushing cistern GD 2 servo motor concealed installation hidden fixing screws front plate 156 x 197 mm 7 pre-set programs: auto flush / cleaning mode pre-flush on/off additional functions and precise settings by remote control 36 407 adjustable flush (3 - 9 l) by hand and remote , CE approved</p>	<p>quick adjustment, lockable fixing material TÜV approved; 2 WC fixing bolts fixing device for ceramic WC ceramics with small bearing area (less than 205mm) require additional accessory 38 779 000 distance of fixing bolts 180/230 mm outlet bend Ø 90 mm depth adjustable reducer Ø 90/110 mm inlet and outlet connecting set flushing cistern GD 2, 6 - 9 l adjustment ex factory 6 l and 3 l pneumatic discharge valve offering 3 modes of operation: dual flush or start/stop or single flush water supply from left/right or back low noise (group I acc. to German Noise Specification) insulated against condensation ½" water supply connection including integrated angle valve and push fit flexible hose union no tools required for the installation of the inspection shaft including protection during construction phase for vertical or horizontal use without accessories for on-the-wall installation for mounting of small flush plates please order revision shaft 40 911 000 (sold separately)</p>	

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GROHE WC INSTALLATIONS CONCEALED FLUSHING CISTERN FOR RAPID SL AND UNISET

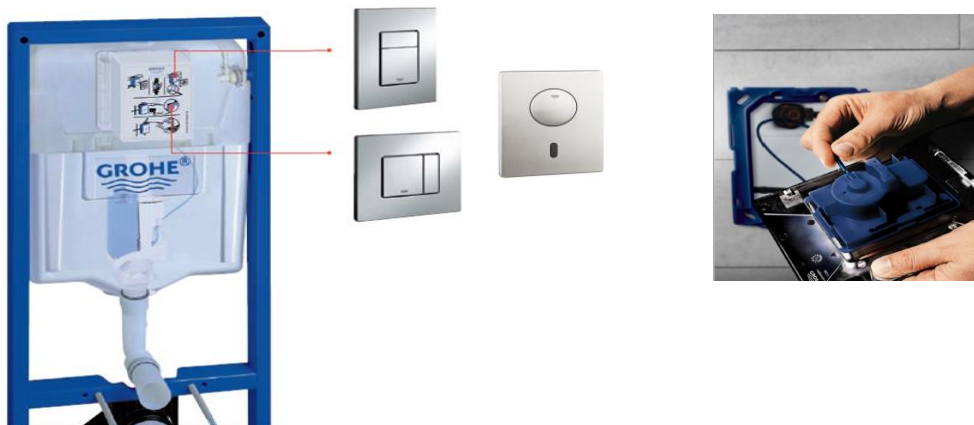
Quick connection, small actuation plates

Rapid installation and universal connections are characteristic of this concealed flushing cistern. The recess at the back of the cover for connection from the rear, as well as the other three possible connections from the top, left or right, and the water connection which can be installed most conveniently without requiring tools - this cistern leaves absolutely nothing to be desired by the plumber. Add to this the more attractive small cover plate, the security of a flushing cistern with a capacity of 6 - 9 litres and the optimum pneumatic actuation with its easy installation. All in all: considerable added value for both the plumber and the user.

The actuation plates: for time-saving installation.

The small actuation plates measuring just 156 x 197 mm are available for vertical or horizontal installation. State-of-the-art pneumatic discharge valve technology makes them real all-rounders:

Press large button = full water flow, can be interrupted by pressing the small button. Press small button = economy flush -



WC FLUSH PLATES COMBINATION MANUAL + TOUCHLESS

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

Users can also activate additional flushes at the touch of a button if required. Manual single-flush works independently of a power supply, which means that it is functional at all times. The modern Skate design is easy to clean and available in stainless steel (germ-resistant) or with GROHE StarLight (highly resistant chrome finish). GROHE EcoJoy technology guarantees economical and resource-conserving water consumption for flushing by using only the amount of water needed.



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RAPID SL NOISE CONTROL ... AT THE HIGHEST LEVEL



GROHE WHISPER

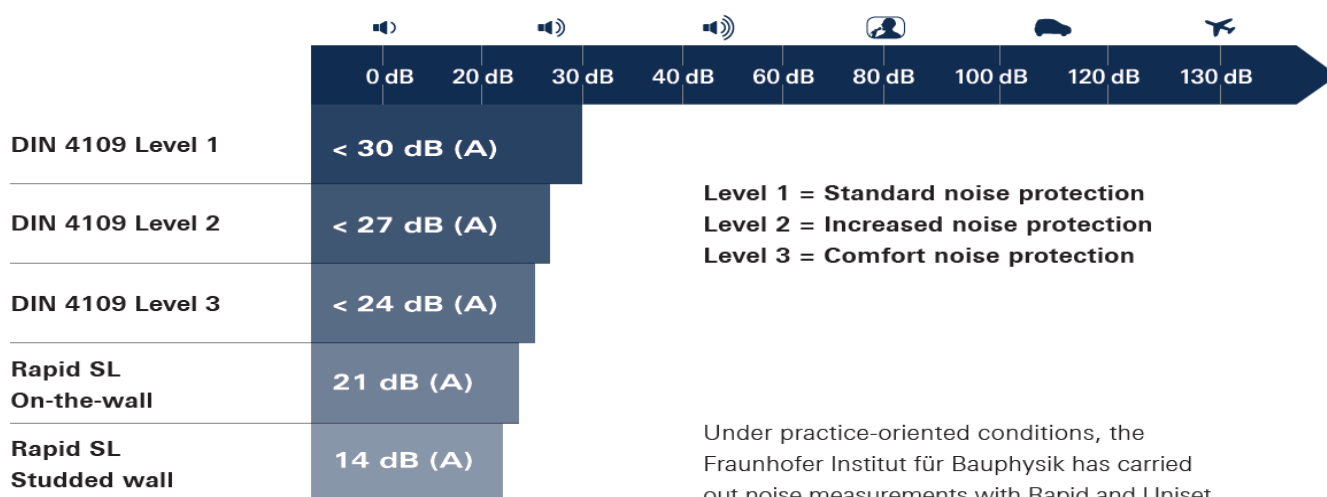
For peace, comfort and design freedom, our concealed cisterns feature GROHE Whisper decoupled pipe supports, there is no sound transfer to the structure of the building when the water is released from the cistern to the bowl. Allowing the WC to be located in the most convenient location without fear of disturbing others.

DIN 4109 describes the permitted noise levels in areas requiring protection against noise from household equipment, which must also be observed in the case of sanitary installations. The values specified in DIN 4109/A1 or DIN 4109, Supplement 2, are the generally accepted technical regulations. The renowned Fraunhofer Institute has confirmed the excellent noise-control properties of the GROHE Whisper technology in Rapid SL and Uniset in its own tests. The excellent measurement results of all products meet the requirements of DIN 4109/A1, VDI 4100 or DIN 4109, Supplement 2.

Deviating from standard noise control with 30 dB(A), DIN 4109/A1 defines:

- Increased noise control requirements with 27 dB(A)*
- Comfort noise control with 24 dB(A)*

* Applies to apartment buildings. For semi-detached and terraced houses, the values are 25/22 dB(A)



The GROHE Rapid SL flush system has been recognised by the Quiet Mark scheme for a second year running. The flush and cistern refill was tested by Quiet Mark whose key mission is to drive awareness, and support the reduction of noise-related issues.

GROHE has renewed the Quiet Mark on its Rapid SL WC flush system, retaining its position as the only cistern in the industry to have the sought after mark of approval. GROHE's innovative Whisper quiet water technology delivers extremely quiet acoustics

According to a survey commissioned by Defra and Quiet House*, 76% of the UK population feels that the quality of their home life is affected by noise, with this impacting on health factors such as sleep disruption. Respondents confirmed they had been woken up, kept awake, or changed the time they went to bed or got up because of noise levels, with 47% claiming it is noise from within the home that causes the disruption



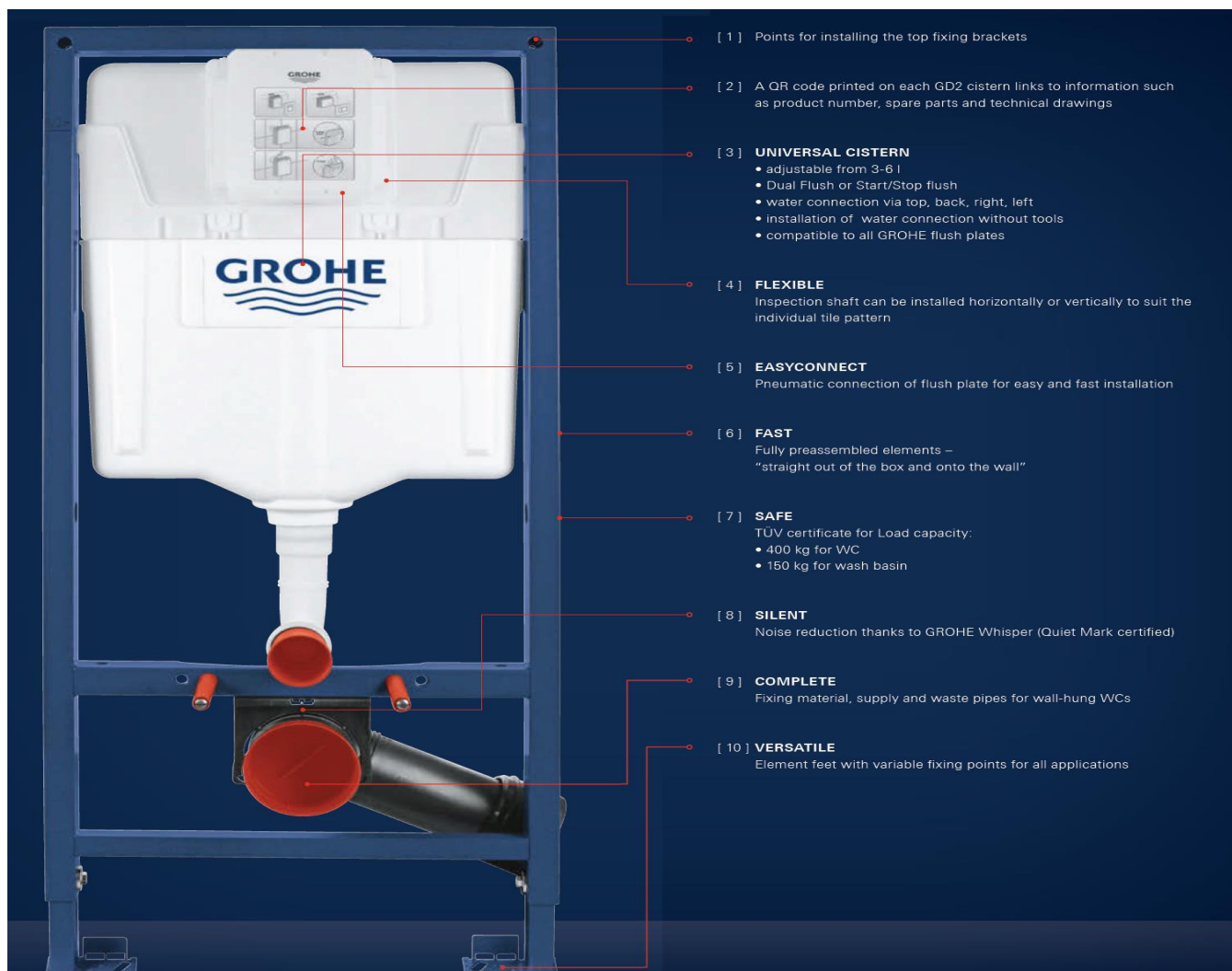


Acme Sanitary Ware Co. Ltd.

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Email: acme@acmesanitary.com.hk
Website: www.acmesanitary.com.hk



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自願參與用水效益標籤計劃 - 水廁
Voluntary Water Efficiency Labelling Scheme - Water Closets



茲證明
This is to certify that

將下列水廁在本計劃內註冊：
has registered the following water closet under this scheme :

牌 子 / Brand	: Grohe
型 號 / Model	: 38528001 + 37419XXX + 42320000
種 類 / Category	: Water Closet Cistern
原 產 地 / Country or Region Origin	: Germany (WC Cistern & Flushing Valve)

XXX – denotes the code of colour

在用水效益標籤上展示的標誌 <i>Symbolic Presentation on the Water Efficiency Label</i>	: 滴水點 <i>Water droplet(s)</i>
用水效益級別 <i>Water Efficiency Grade</i>	: 1
全沖水量 <i>Water Flush Volume (Full)</i>	: 4.6 公升/沖廁 <i>litres/flush</i>
低沖水量 <i>Water Flush Volume (Reduced)</i>	: 3.1 公升/沖廁 <i>litres/flush</i>

簽發日期:
Date of Issue: 22 March 2021



水 務 署
Water Supplies Department



水務署署長(張業駒代行)
for Director of Water Supplies

+ 上述水廁具額外節水功能，即：重用洗盥水作沖廁用途。
The above water closet is equipped with additional water saving feature, that is: re-use the water collected from wash basin for flushing purpose.



Acme Sanitary Ware Co. Ltd.

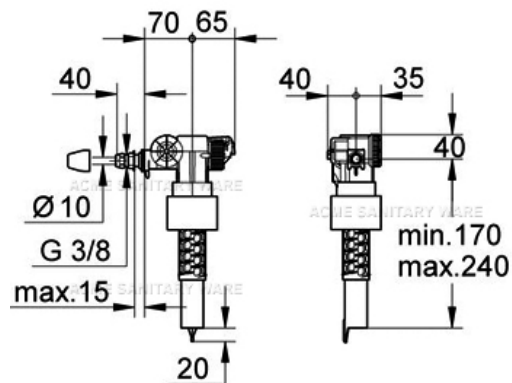
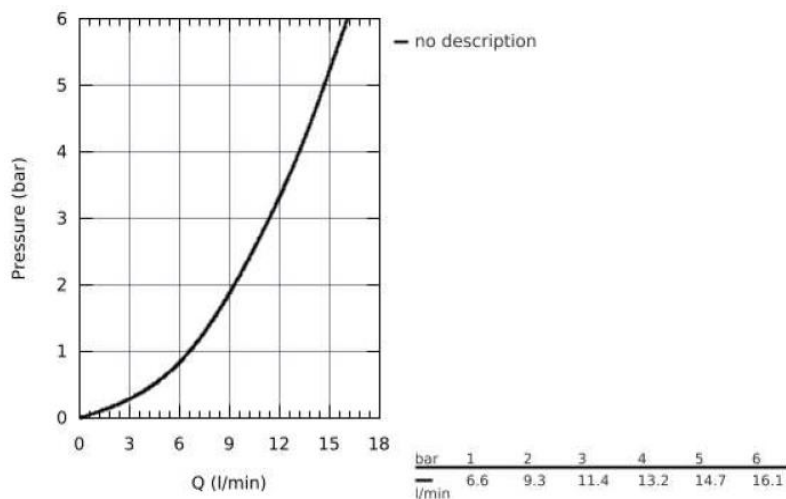
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SANITARY WARE SPECIFICATION SHEET

Item Descriptions	GROHE (Germany) Plastic inlet valve	Illustration/ Drawing
Model	37095000	
Finish	Plastic	
Manufacturer	GROHE (Germany)	
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	
E-mail	acme@acmesanitary.com.hk	
Website	www.acmesanitary.com.hk	



Note:

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水務署
Water Supplies Department

總部 Headquarters

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48/F, Gloucester Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號
Our ref.
來函檔號
Your ref.



10 T/J(1065/2020)

電話
Tel.
傳真
Fax. : 2824 0578

6 October 2020



Approval of "GROHE" Float Operated Valve
(General Acceptance No. C20200864F)

Your letter ref. WRC/2305 dated 13 August 2020 refers.

Having considered the test report ref. J24281 issued on 30 July 2020 by Nutek Systems (HK) Limited, this Authority accepts that the fitting described below complies with, and its use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Grohe AG

Country of Origin: Germany

Brand: Grohe

Details of Fitting: 3/8" Plastic float operated valve

Model: 37095000

Body Markings: 

Expiry Date: 2 June 2025



Proviso: As the fitting has not been tested for use in contact with water intended for human consumption, the fitting can only be used in flushing water plumbing system.

This Authority hereby permits the use of the above fitting in flushing water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirement-

"The flushing volume of the flushing valve should be adjusted to suit the design of the toilet bowl so that wastes can be cleared effectively by a single flush."

"The fitting should be used within the range of working pressures specified by the manufacturer." AND

"The installed fitting should not result in backflow of water that will contaminate the flushing water supply."

A condition of this acceptance is that the fitting to be installed shall be replicas of the sample as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fitting installed fails to meet that of the approved sample or if the fitting is found to be unsuitable for use in flushing water plumbing systems.

For the use of the fitting in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fitting by this Authority.

Should you have any enquiries, please contact our Engineer Mr. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,


 (CHAN Chung-kun)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only




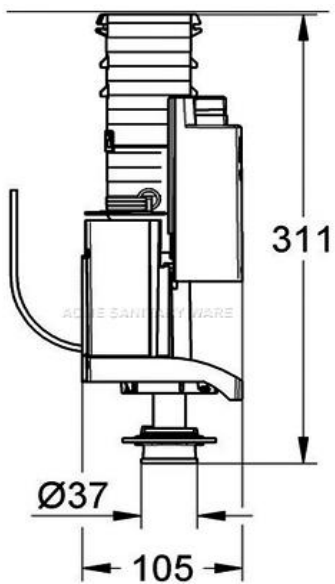
Acme Sanitary Ware Co. Ltd.

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SANITARY WARE SPECIFICATION SHEET

Item Descriptions	GROHE (Germany) Plastic single top push flush valve	Illustration/ Drawing
Model	42320000	
Finish	Plastic	
Manufacturer	GROHE Limited	
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	
E-mail	acme@acmesanitary.com.hk	
Website	www.acmesanitary.com.hk	

Note:

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Water Supplies Department

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7 Gloucester Road, Wan Chai, Hong Kong



本署檔號

Our ref.

來函檔號

Your ref.

電話

Tel.

傳真

Fax.

2824 0578

27 February 2024



Approval of "GROHE" Flush Valve
(General Acceptance No. C20240141F)

Your E-Application [file-id: ETJ-GA-20240206-3] dated
6 February 2024 refers.

Having considered the test report ref. J29467 issued on 4 January 2024 by
Nutek Systems (HK) Limited, this Authority accepts that the fitting described below
complies with, and its use when correctly installed does not contravene, the
Waterworks Ordinance and Regulations.

Name of Manufacturer: Grohe AG

Country of Origin: Germany

Brand: Grohe

Details of Fitting: 37mm Plastic dual flush valve

Model: 42320000

Body Markings: 

Expiry Date: 19 December 2028



Proviso: As the fitting has not been tested for use in contact with water intended for human consumption, the fitting can only be used in flushing water plumbing system.

This Authority hereby permits the use of the above fitting in flushing water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirement-

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For the use of the fitting in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fitting by this Authority.

Should you have any enquiries, please contact our Engineer Mr Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)
for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
ME/MC] - with soft copy only