



Acme Sanitary Ware Co. Ltd.






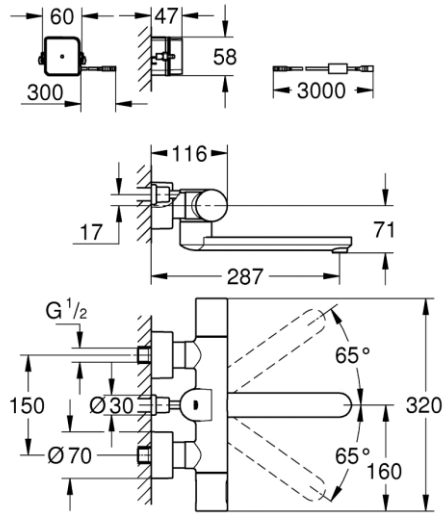
1/F, Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
Tel: 2388 7171 Fax: 2710 8012
Email: acme@acmesanitary.com.hk
Website: www.acmesanitary.com.hk



Pure Freude
an Wasser

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Grohe (Germany) "Eurosmart Cosmopolitan E Bluetooth" Chrome plated wall mounted Infra-red electronic thermostatic temperature control basin mixer with swivel cast spout AC Supply (projection 287mm) ; tested on HTM 64; test report J28010; nominated flow rate 5 L/min in WELS Grade 1 ; Registration No. TM 22-0247	<div>Illustration/ Drawing</div> <div></div> <div></div>
Model	36414000	
Finish	Chrome Plated	
Brand / Country of Origin	GROHE (Germany)	
Source	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	<div></div>
E-mail	acme@acmesanitary.com.hk	
Website	www.acmesanitary.com.hk	
"Eurosmart Cosmopolitan E Bluetooth" Infra-red electronic thermostatic basin mixer, wall mounted		
<div><div><div><ul style="list-style-type: none">with infrared sensor and Bluetooth module for bi-directional communication for monitoring, configuration and service purposewith transformer 100-240 V AC, 50-60 Hz, 6.75 V DCGROHE Long-Life Shine finishGROHE CoolTouchGROHE Water Saving - Less water, perfect flowGROHE SafeStop safety button at 38°Cswivel cast spout 219 mmwith swivel stop at 130° or fixedprojection 287 mmlaminar mousseur 9 l/minS-unionsescutcheon covers for S unionsnon-return valvedirt strainerspower connection cable 3.0 mfor use with connection set 39 383 000with Bluetooth 4.0* for wireless data communicationfor Apple** and Android devicesBluetooth range (max. 10 m) varies depending on used materials and walls between transmitter and receivermonitoringpassword protected productsapp detects all Bluetooth products in rangeauto flush cycles and timing last auto flushusage per day / 30 daysthermal disinfection cycles and timings last disinfectionconfiguration</div><div><ul style="list-style-type: none">detection range and shut off delayauto flushthermal disinfectioncleaning mode2 on/off timersidentification by nameservicesend and save 3 profilesreset functionshard and software versionCE approvednoise classification I in accordance with DIN 4109type of protection faucet IP 59KMobile devices and GROHE IR Remote App*** are not included in delivery and have to be ordered separately via an authorised Apple store/store/iTunes or Google Play store.* The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Grohe AG is under license. Other trademarks and trade names are those of their respective owners** Apple, the Apple logo, iPod, iPod Touch, iPhone and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. Apple is not responsible for the function of this device or its compliance with safety and regulatory standards.*** Available for free via iTunes app or Google Play store.</div></div></div>		

* All information of the above is for the reference only. No prior notice is made if any changes.

註冊號碼 (Registration No.): TM 22-0247



自願參與用水效益標籤計劃 - 水龍頭
Voluntary Water Efficiency Labelling Scheme - Water Taps



茲證明
This is to certify that

將下列水龍頭在本計劃內註冊：
has registered the following water tap under this scheme :

牌子 / Brand	:	Grohe
型號 / Model	:	36414XXX + 403655031
種類 / Type	:	Mixing
原產地 / Country or Region Origin	:	Germany (Mixer & Flow Controller)

XXX – denotes the code of colour

在用水效益標籤上展示的標誌

Symbolic Presentation on the Water Efficiency Label :



滴水點

Water droplet(s)

用水效益級別

Water Efficiency Grade :

1

with additional merit*

耗水量

Water Consumption :

5.0

公升/分鐘

litres/minute

*with additional merit of "Automatic closing mechanism"

簽發日期:

Date of Issue:

19 December 2022



水務署

Water Supplies Department



水務署署長(林麗恒代行)
for Director of Water Supplies



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署
Our
來函稿
Your ref.



3321/2022 T/J(967/2022)

電話
Tel.
傳真
Fax.

: 2824 0578

9 September 2022



**Approval of "GROHE" Sensor Mixer
(General Acceptance No. C20220846)**

Your letter ref. WRC/2769 dated 10 August 2022 refers.

Having considered the test report ref. J27792A issued on 27 July 2022 by Nutek Systems (HK) Ltd., 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: 1/2" Wall mounted sensor mixer

Model: 36414XXX
(where "XXX" denotes the code of colour)

Body Markings: 

Expiry Date: 20 June 2027

This Authority hereby permits the use of the above fitting in fresh 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 cold water supply to the fitting shall be drawn from the same source that supplies the hot water apparatus so as to provide a balanced pressure and to obviate the risk of scalding in the event of a restriction or failure in the water supply."

"A stop cock or gate valve must be installed at the upstream of the fitting for manual isolation of water supply." AND

"The main voltage operated sensor valve should comply with the electricity safety regulation for applications in bathroom, toilet etc."

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 fresh water plumbing systems.

This acceptance is only applicable to the main body of the fitting, unless otherwise specified.

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 Ms Winnie LO at tel. no. 3583 4086.

Yours faithfully,



(YAU Hau Yin)
for Director of Water Supplies

Encl.

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

Test Report

TITLE : Testing of Thermostatic Mixing Valve

REPORT NO. : J 28010

DESCRIPTION OF SAMPLE : ½" Infra Red Electronic Basin Mixer

SAMPLE SUBMITTED BY :

BRAND : GROHE

MANUFACTURER : GROHE AG

COUNTRY OF ORIGIN : Germany

MODEL : 36414XXX (XXX denotes colour variants)

BODY MARKINGS : 

METHODS : Health Technical Memorandum 04-01: Supplement:
Performance specification D 08: Thermostatic Mixing Valve
(Healthcare Premises) 2017 Edition

PERIOD OF TESTS : 13 Jun., 2022 to 11 Aug., 2022



REPORT NO.: J 28010


SUMMARY OF RESULTS

Test	Remark
Part 1 – Sample A	
1.1 Leaktightness of the thermostatic mixing valve upstream of the obturator and of the obturator	C
1.2 Leaktightness of the obturator of the thermostatic mixing valve: cross flow between hot and cold water	C
1.3 Leaktightness of the thermostatic mixing valve downstream of the obturator	C
1.4 Durability of On/Off (Flow) Control	C
1.5 Flow rate and sensitivity of temperature control	C
1.6 Mixed water temperature overshoot on starting from ambient	C
1.7 Mixed water temperature overshoot on adjustment of mixed water temperature	C
1.8 Thermal shut off	C
1.9 Temperature stability with changing water supply pressure	C
1.10 Temperature stability with changing water supply temperature	C
Part 2 – Sample B	
2.1 Durability of the thermostat	C
2.2 Mixed water temperature overshoot on starting from ambient	C
2.3 Mixed water temperature overshoot on adjustment of mixed water temperature	C
2.4 Thermal shut off	C
2.5 Temperature stability with changing water supply pressure	C
2.6 Temperature stability with changing water supply temperature	C
Part 3 – Sample C	
3.1 Mixed water temperature overshoot on starting from ambient	C
3.2 Mixed water temperature overshoot on adjustment of mixed water temperature	C
3.3 Thermal shut off	C
3.4 Temperature stability with changing water supply pressure	C
3.5 Temperature stability with changing water supply temperature	C

Notes:

- Three samples (Sample A, B and C) were tested according to the test sequence in Clause 4.
- The test conditions and requirements are according to the abbreviated designation IIP-WE
- The following performance tests are exempted because the sample fulfil the exemption criteria in Clause 7.1
 - Clause 7.5 Mixed water temperature overshoot on operation of diverter (manual or automatic return)
 - Clause 7.6 Mixed water temperature overshoot on operation of second outlet
 - Clause 7.12 Temperature stability at reduced flow rate

REPORT NO.: J 28010

Signed: 
Date: 2022-11-22

RESULTS: (apply only to the sample tested)

Part 1 – Sample A


Test	Requirements	Result	Remark
1.1 Leaktightness of the thermostatic mixing valve upstream of the obturator and of the obturator	Clause 5.4.2	No leakage.	C
1.2 Leaktightness of the obturator of the thermostatic mixing valve: cross flow between hot and cold water	Clause 5.5.2	No leakage.	C
1.3 Leaktightness of the thermostatic mixing valve downstream of the obturator	Clause 5.6.2	No leakage.	C
1.4 Durability of On/Off (Flow) Control	Clause 6.1.5	No failure of any component parts during the test. No leakage after the test.	C
1.5 Flow rate and sensitivity of temperature control	Clause 7.3.4	Flow Rate: 1.5 L/min Sensitivity 7.2 mm/K	C
1.6 Mixed water temperature overshoot on starting from ambient	Clause 7.7.4	Final mixed water temperature did not differ from actual initial setting more than 2K	C
1.7 Mixed water temperature overshoot on adjustment of mixed water temperature	Clause 7.8.4	Final mixed water temperature did not differ from actual initial setting more than 2K	C
1.8 Thermal shut off	Clause 7.9.4	Final mixed water temperature did not differ from actual initial setting more than 2K Comply with Table 11.	C
1.9 Temperature stability with changing water supply pressure	Clause 7.10.4	Comply with Table 12	C
1.10 Temperature stability with changing water supply temperature	Clause 7.11.3	Comply with Table 13	C

Part 2 – Sample B

Test	Requirements	Result	Remark
2.1 Durability of the thermostat	Clause 6.3	The mixed water temperature maintain 39 – 41 °C	C
2.2 Mixed water temperature overshoot on starting from ambient	Clause 7.7.4	Final mixed water temperature did not differ from actual initial setting more than 2K	C
2.3 Mixed water temperature overshoot on adjustment of mixed water temperature	Clause 7.8.4	Final mixed water temperature did not differ from actual initial setting more than 2K	C
2.4 Thermal shut off	Clause 7.9.4	Final mixed water temperature did not differ from actual initial setting more than 2K Comply with Table 11.	C
2.5 Temperature stability with changing water supply pressure	Clause 7.10.4	Comply with Table 12	C
2.6 Temperature stability with changing water supply temperature	Clause 7.11.3	Comply with Table 13	C

Page 3 of 6

REPORT NO.: J 28010

Signed: 
Date: 2022-11-22


Part 3 – Sample C

Test	Requirements	Result	Remark
3.1 Mixed water temperature overshoot on starting from ambient	Clause 7.7	Final mixed water temperature did not differ from actual initial setting more than 2K	C
3.2 Mixed water temperature overshoot on adjustment of mixed water temperature	Clause 7.8	Final mixed water temperature did not differ from actual initial setting more than 2K	C
3.3 Thermal shut off	Clause 7.9	Final mixed water temperature did not differ from actual initial setting more than 2K Comply with Table 11.	C
3.4 Temperature stability with changing water supply pressure	Clause 7.10	Comply with Table 12	C
3.5 Temperature stability with changing water supply temperature	Clause 7.11	Comply with Table 13	C

Date: 22 Nov., 2022

Authorized signature:

Nutek Systems is a testing agency, accepted by the Water Supplies Department, for testing water supply fittings.


Chung Siu Yu, Alan
(Engineer)

Page 4 of 6

REPORT NO.: J 28010


Signed: 
Date: 2022-11-22

Figure 1 – Sample



Figure 2 – Flow Controller



REPORT NO.: J 28010


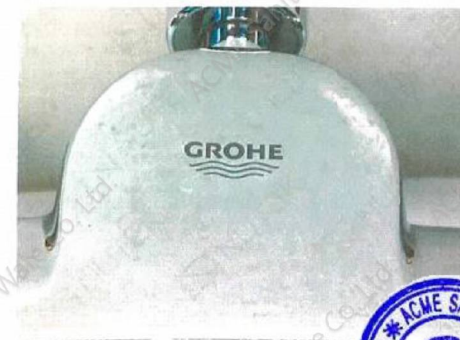
Signed: 
Date: 2022-11-22

Figure 3 – Body Marking



General Note(s)

Definitions:
C – conformance
N – none
NC – non-conformance

- End of Report -