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|----------|--|------|--|-----|-----------|--|
| PROJECT | | REF | | REV | ITEM CODE | |
| LOCATION | | DATE | | | PAGE | |

SANITARY WARE SPECIFICATION SHEET

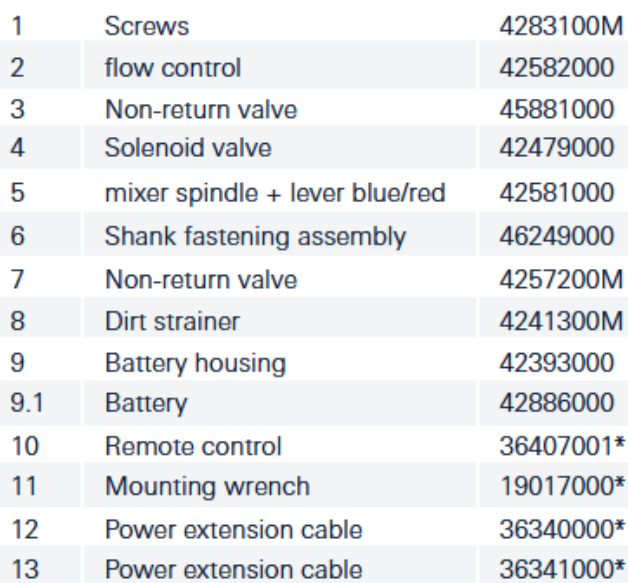
| Item Descriptions | GROHE (Germany) "Bau Cosmopolitan E" Infra-red electronic chrome plated basin mixer with adjustable temperature limiter 1/2" in DC supply; body made of composite polymer; nominated flow rate 4.8 L/min in WELS Grade 1 ; Registration No. TM 20-0026 | | | | | | Illustration/ Drawing | | | | | | | | | | | | | | |
|--|--|------|------|------|------|------|--|-----------------------------|----|-----|-----|-----|-----|-----|-------------------|------|------|------|------|------|------|
| Dimensions | L110 x W52 x H123 mm | | | | | | | | | | | | | | | | | | | | |
| Model | 36451000 (Mixer) 407761040 (Aerator) | | | | | |  | | | | | | | | | | | | | | |
| Finish | Chrome Plated | | | | | | | | | | | | | | | | | | | | |
| Manufacturer | GROHE Limited | | | | | |  | | | | | | | | | | | | | | |
| Supplier | Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen | | | | | | | | | | | | | | | | | | | | |
| Contact Tel/Fax | (852) 2388-7171 / (852) 2710-8012 | | | | | |  | | | | | | | | | | | | | | |
| E-mail | acme@acmesanitary.com.hk | | | | | | | | | | | | | | | | | | | | |
| Website | www.acmesanitary.com.hk | | | | | |  | | | | | | | | | | | | | | |
| <table><tr><th>Dynamic flow pressure (kPa)</th><th>50</th><th>150</th><th>250</th><th>350</th><th>500</th><th>600</th></tr><tr><th>Flow rate (l/min)</th><td>1.75</td><td>3.80</td><td>5.25</td><td>5.40</td><td>5.45</td><td>5.50</td></tr></table> <p>Bau Cosmopolitan E Electronic mixer for washbasin with infrared control and adjustable temperature limiter bi-directional IR sensor for setting and checking the operating and assistance parameters 6V lithium battery power supply - type CR-P2 battery life: approximately 7 years (150 cycles per day) GROHE StarLight chrome finish body made of composite polymer mousseur with GROHE EcoJoy technology (flow limited to 5.7 l/min) with flexible fittings check valve filters with integrated solenoid valve external battery quick installation system battery check light 7 schedules automatic rinsing thermal disinfection cleaning mode additional functions and settings with remote control 36 407 CE mark I soundproofing group according to DIN 4109 minimum pressure 1 bar Sensor range: 7-20 cm adjustable Type of fitting protection: IP 59</p> | | | | | | | | Dynamic flow pressure (kPa) | 50 | 150 | 250 | 350 | 500 | 600 | Flow rate (l/min) | 1.75 | 3.80 | 5.25 | 5.40 | 5.45 | 5.50 |
| Dynamic flow pressure (kPa) | 50 | 150 | 250 | 350 | 500 | 600 | | | | | | | | | | | | | | | |
| Flow rate (l/min) | 1.75 | 3.80 | 5.25 | 5.40 | 5.45 | 5.50 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

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

CRONE SENSOR

The responsive smart switch lets the user on and off for ultimate comfort and the simple cleaning cycle makes maintenance easy.

- Detailed configuration for all functions by remote control
- Automatic flushing
- Thermal disinfection
- Cleaning mode
- Detection range and shut off delay



註冊號碼 (Registration No.):

TM 20-0026




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 | : | 36451000 + 407761040 |
| 種 類 / Type | : | Mixing |
| 原產地 / Country or Region Origin | : | Germany (Mixer & Flow Controller) |

| | | | |
|---|---|---|--------------------------------|
| 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 | with additional merit* |
| 耗水量 <i>Water Consumption</i> | : | 4.8 | 公升/分鐘 <i>litres/minute</i> |

*with additional merit of "Automatic closing mechanism"

簽發日期：
Date of Issue :

20 March 2020

 水務署
Water Supplies Department



水務署署長(張業駒代行)
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



3321/19 T/J(523/2019)

電話

Tel.

傳真

Fax.

2824 0578

21 June 2019



Approval of "GROHE" Sensor Mixer
(General Acceptance No. C20190336)

Your letter ref. WRC/2071 dated 31 May 2019 refers.

Having considered the test report ref. J23924A issued on 7 May 2019 by Nutek Systems (HK) Ltd., this Authority accepts that the fitting described below comply 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" Infrared electronic basin mixer
Model: 36451000
Body Markings: 
Expiry Date: 28 March 2024



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 fail 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 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



水務署
Water Supplies Department

總部 Headquarters

士打道七號入境事務大樓 48 樓

Tower, 7 Gloucester Road, Wan Chai, Hong Kong



本署檔號
Our ref.
來函檔號
Your ref.

/2020 T/J(1378/2020)

電話 :
Tel.
傳真 : 2824 0578
Fax.

24 November 2020

Dear Sir,

**Approval of "GROHE" Flexible Hose
(General Acceptance No. C20201048)**

Your letter ref. WRC/2360 dated 22 October 2020 refers.

Having considered the test report ref. J25110 issued on 18 September 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: Polyamide braided inlet flexible hose for tap/mixer (RED YARN)

Model: 413574040

Size: Bore diameter: 6mm
End connection: 3/8"

Body Markings:



Expiry Date: 19 May 2025

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 inlet flexible hose is applied for the water tap or mixer connection only and installed in the fresh water plumbing systems."

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.

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

本署檔號 : (2) in WSD 3321/2020 T/J(1425/2020)
Our ref.
來函檔號 :
Your ref.



電話 :
Tel.
傳真 : 2824 0578
Fax.

17 December 2020

**Approval of "GROHE" Flexible Hose
(General Acceptance No. C20201143)**

Your letter ref. WRC/2372 dated 30 October 2020 refers.

Having considered the test report ref. J25148 issued on 18 September 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: Polyamide braided inlet flexible hose for tap/mixer
Model: 413575040
Size: Bore diameter: 6mm
End connection: 3/8"
Body Markings:  

Expiry Date: 25 June 2025

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 inlet flexible hose is applied for the water tap or mixer connection only and installed in the fresh water plumbing systems."

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.

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
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