



Acme Sanitary Ware Co Ltd


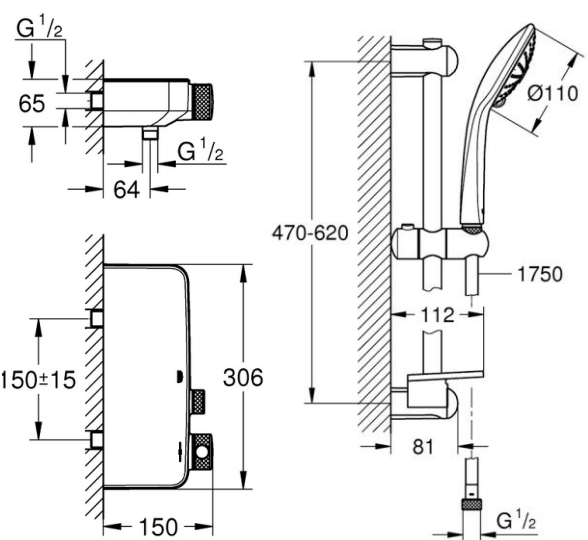
Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
 Tel: 2388 7171 Fax: 2710 8012
 E-mail: acme@acmesanitaryware.com.hk
 Website: www.acmesanitaryware.com.hk



Pure Freude
an Wasser

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	GROHE (Germany) "Grohtherm SmartControl" Chrome plated push button thermostatic shower mixer set; 3 sprays hand shower (27239000); nominated flow rate 7.2 L/min in WELS Grade 1 ; Registration No. SB 10-0014		Illustration/ Drawing													
Dimensions	Refer to drawing															
Model	34719000 (Mixer) 27243001 (Shower set)															
Finish / Material	Chrome Plated															
Country of origin	Germany															
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															
"Grohtherm SmartControl" <u>Thermostat shower mixer</u>		"Euphoria 110 Massage" <u>Shower rail set 3 sprays</u>														
<ul style="list-style-type: none">• wall mounted• GROHE CoolTouch no risk of scalding• GROHE StarLight chrome finish• GROHE SafeStop at 38°C• GROHE SafeStop Plus optional temperature limiter at 43°C included• GROHE TurboStat compact cartridge with wax thermoelement• GROHE ProGrip with knurl structure• GROHE SmartControl push for ON-OFF, turn for volume adjustment from EcoJoy to full flow• integrated GROHE EasyReach shower tray• shower bottom outlet 1/2"• built-in non return valves and dirt strainers• protected against backflow		<ul style="list-style-type: none">• hand shower Massage (27 239 000)• shower rail, 600 mm (27 499)• Silverflex shower hose 1750 mm (28 388 000)• GROHE EasyReach tray (27 596)• GROHE EcoJoy 9.5 l/min flow limiter• GROHE DreamSpray perfect spray pattern• GROHE SprayDimmer (Stepless flow rate reduction)• GROHE StarLight chrome finish• GROHE QuickFix (upper bracket adjustable to adapt to existing holes)• SpeedClean anti-limescale system• Inner WaterGuide for a longer life• Twistfree preventing the hose from twisting• suitable for instantaneous heater														
																
		Hand Shower														
		<table><tr><td>Dynamic flow pressure (kPa)</td><td>50</td><td>150</td><td>250</td><td>350</td><td>500</td></tr><tr><td>Flow rate (l/min)</td><td>5.80</td><td>7.60</td><td>8.30</td><td>8.00</td><td>8.10</td></tr></table>		Dynamic flow pressure (kPa)	50	150	250	350	500	Flow rate (l/min)	5.80	7.60	8.30	8.00	8.10	
Dynamic flow pressure (kPa)	50	150	250	350	500											
Flow rate (l/min)	5.80	7.60	8.30	8.00	8.10											

Note: YouTube (Installation Video) <https://www.youtube.com/watch?v=flWharQTct0>

YouTube (SMARTCONTROL) <https://www.youtube.com/watch?v=pUXPxnlBacM>

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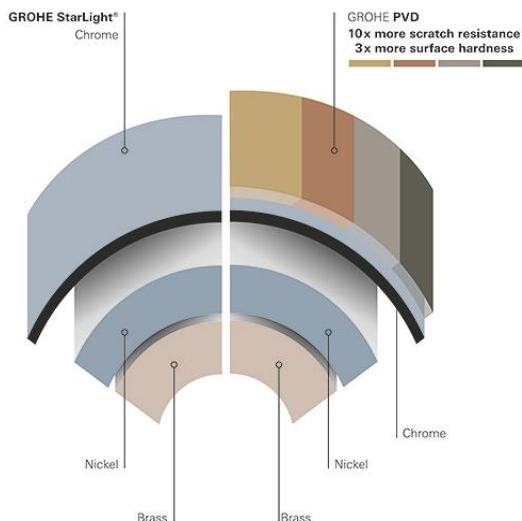
SANITARY WARE SPECIFICATION SHEET

GROHTherm SMARTCONTROL

TURN UP THE VOLUME – OR DOWN IF YOU PREFER

GROHE SmartControl offers not just a choice of shower sprays, but also the precise control of water flow. GROHE SmartControl features an integrated volume control for an individual shower experience. A simple push of a button starts or stops the desired shower.

And just a turn of the dial allows for precise control of water volume. Thanks to the clear symbols on the buttons, operating them is simple and intuitive.



GROHE surface
hardness



Chrome PVD

GROHE scratch
resistance



Chrome PVD



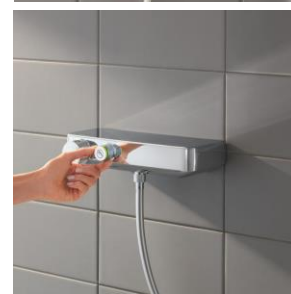
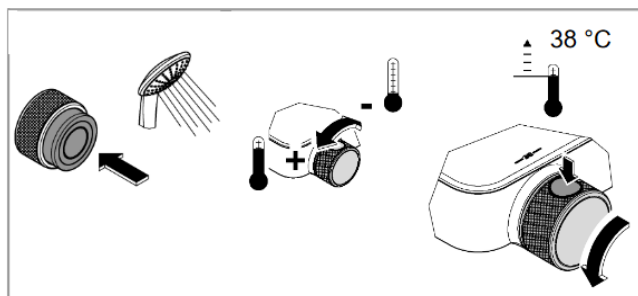
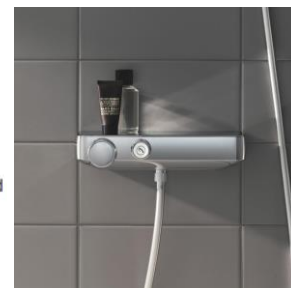
GROHE EasyReach tray – always keep shower gel and shampoo handy

Always keep your shower gel and shampoo handy with the GROHE EasyReach tray. The flat tray surface is designed to match your tap for a great look and quick easy cleaning.



GROHE SmartControl: select spray pattern, adjust volume and save shower settings at the push/turn of a button.

This innovative technology was developed to provide perfect ease of operation: push the button to start the shower, turn to adjust the water volume, and push again to pause or stop the shower. Your selected water volume is thus preset when you restart. To use hand and head shower simultaneously, simply activate both buttons. Even switching and combining spray patterns is effected at the push of a button.



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Constant water temperature thanks to reliable GROHE TurboStat technology

Our precise control technology ensures an instant water flow at the desired temperature and keeps it constant irrespective of any fluctuations in water pressure or supply.



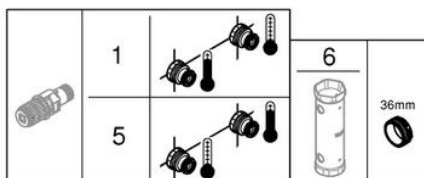
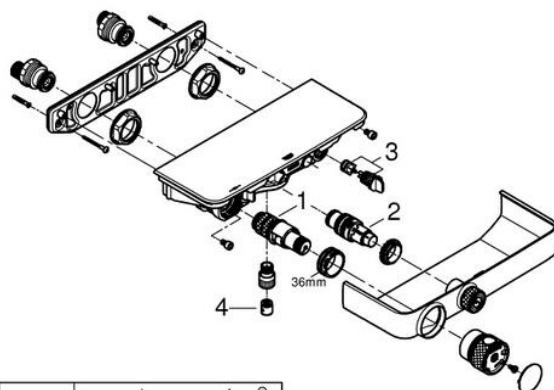
GROHE CoolTouch – never too hot to handle

Thanks to the GROHE CoolTouch technology, the temperature of the tap body will never exceed your shower temperature. Engineered with an integrated cooling channel separating the hot water supply from the outer surface of your thermostat, it is always safe for you to handle. This feature is especially important to protect children from scalding on hot tap surfaces, making your bathroom safely enjoyable for the whole family.



GROHE SafeStop (Plus) – double scalding protection at 38°C and (optional) 43°C

Great for homes with children, this safety feature is set at 38°C, preventing you from turning up the water temperature too high. If desired, higher temperatures can be selected by pushing the button. Optional for extra safety: the easy-to-fit GROHE SafeStop Plus limiter ensures that the temperature does not exceed 43°C.



Pos.-nr.	Prod. Description	Order-nr.
1	Thermostatic compact cartridge 1/2"	47439000
2	Cartridge	48297000
3	non-return valves	49069000
4	Non-return valve	08565000
5	Thermostatic compact cartridge 1/2" for changed waterways	47175000*
6	Socket spanner	49059000*

* Optional accessories

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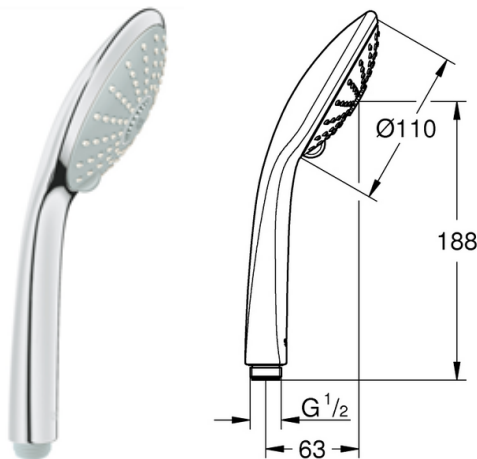
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27239000

Euphoria 110 Massage

Hand shower 3 sprays

- Rain, Massage, SmartRain
- **GROHE EcoJoy** 9.5 l/min flow limiter
- **GROHE SprayDimmer** (Stepless flow rate reduction)
- **GROHE StarLight** chrome finish
- **SpeedClean** anti-limescale system
- **Inner WaterGuide** for a longer life
- Universal Mounting System. Fits all standard shower hoses



RAIN SPRAY

Wide and luxurious – a soft, delicate pattern to soothe the skin. Mimicking warm summer rain, the spray provides a full and even coverage.



MASSAGE SPRAY

A pulsating spray pattern for a stimulating massage. Gives a unique and invigorating all-over massage.



SMARTRAIN SPRAY

All the features and benefits of our authentic Rain spray but with a reduced flow. A smart pattern that uses less water to deliver full showering enjoyment.

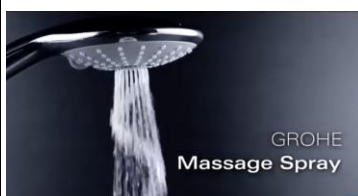


GROHE
Rain Spray



GROHE EcoJoy with water-saving function for reduced consumption

GROHE EcoJoy reduces water consumption by up to 50% without compromising on performance. Whenever you turn on your tap, you will enjoy a full jet of water while saving money nonetheless.

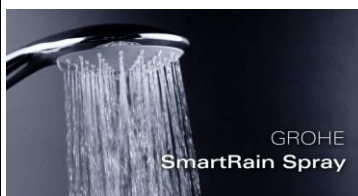


GROHE
Massage Spray



SpeedClean – no limescale build-up on your shower head

Limescale is no longer an issue with our SpeedClean nozzles: thanks to the integrated anti-lime system, you will find the nozzles of your GROHE shower head super easy to clean. To remove any limescale residue from the flexible silicone nozzles, simply wipe them off with your hand.



GROHE
SmartRain Spray



Coating protected by Inner WaterGuide

A strong insulation of the water guide inside the shower prevents its surface from heating up, so it will never be too hot for you to touch. At the same time, this serves to protect the finish of your GROHE shower, further enhancing its great durability.

Note: (Massage 27239000) <https://www.youtube.com/watch?v=ZWF24RYHBtw>



https://cdn.cloud.grohe.com/Multi_Media/Video_WEB/GROHE/SprayPatterns/SmartRain_Euphoria/grohe_euphoria_smart_rain_1280x720/original/grohe_euphoria_smart_rain_1280x720.mp4

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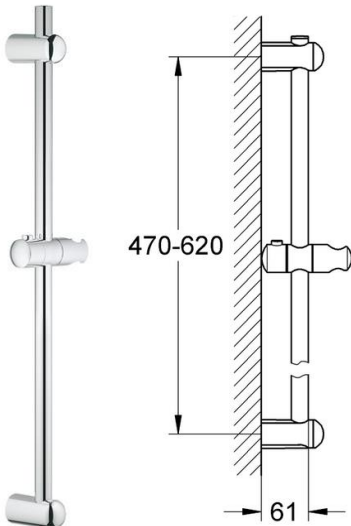
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27499000

"Euphoria"

Shower rail, 600 mm

- with wall holders, glide element and swivel holder
- **GROHE QuickFix** (upper bracket adjustable to adapt to existing holes)
- **GROHE StarLight** chrome finish



Easy to clean thanks to the GROHE StarLight chrome coating

Just wipe the tap down with a dry cloth – the ultra smooth surface finish is scratch resistant and ensures a lasting luminous sheen. You'll save plenty of time cleaning while your tap always looks shiny and new.

GROHE QuickFix Plus quick and easy installation in a few simple steps

Save time on the installation of your tap with GROHE QuickFix Plus. Consisting of fewer parts, our new system makes the installation process quicker and easier than ever.

28388000

"Silverflex "

Shower hose Twistfree

1750



- 1750 mm
- smooth surface for easy cleaning
- tensile strength 500 N
- pressure resistance up to 5 bar
- heat resistance 70°C
- AntiFold bendproof
- universal connection G 1/2" x 1/2"
- Rotation cone for **Twistfree** function
- **GROHE StarLight** chrome finish
- **blister packaging**



28388DC0 28388GL1 28388DA0 28388A00

Colour options:

- 000 I StarLight Chrome
- DC0 I SuperSteel
- DA0 I Warm Sunset
- A00 I Hard Graphite
- AL0 I Brushed Hard Graphite
- GL0 I Cool Sunrise
- GN0 I Brushed Cool Sunrise
- DL0 I Brushed Warm Sunset
- BE0 I Polished Nickel
- EN0 I Brushed Nickel

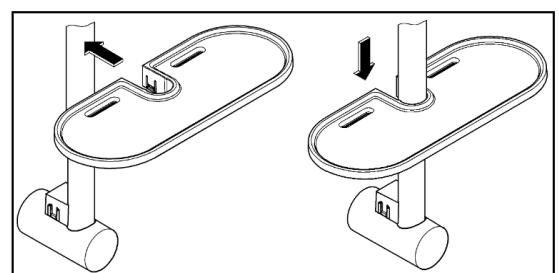
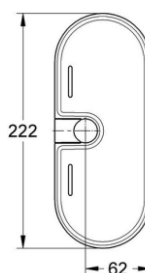
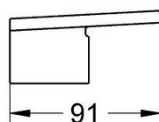


TwistFree – prevents your shower hose from twisting

TwistFree shower hoses are inspired by everyday experience: ever had to struggle with a twisted shower hose? TwistFree keeps your shower hose flexible and in shape, saving you that trouble.

27596000

GROHE EasyReach tray



- acrylic for Tempesta and Euphoria shower rails Ø 22 mm

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自願參與用水效益標籤計劃 - 沐浴花灑
Voluntary Water Efficiency Labelling Scheme - Showers for Bathing



茲證明
This is to certify that

將下列花灑在本計劃內註冊：
has registered the following shower under this scheme:

牌子 / Brand	:	GROHE
型號 / Model	:	27239 000
原產地 / Country or Region Origin	:	Germany

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
耗水量 <i>Water Consumption</i>	:	7.2 公升/分鐘 <i>litres/minute</i>

簽發日期:
Date of Issue: 27 April 2010



水務署
Water Supplies Department



水務署署長(錢柱森代行)
for Director of Water Supplies



Department

香港灣仔告士打道七號入境事務大樓 48 樓

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

本署檔號 : (2) in WSD 3321/2020 T/J(1047/2020)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

18 September 2020



**Approval of "GROHE" Thermostatic Mixer
(General Acceptance No. C20200827)**

Your letter ref. WRC/2299 dated 12 August 2020 refers.

Having considered the test report ref. J23492 issued on 31 July 2020 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" Thermostatic shower mixer

Model: 34719XXX
(where the digits "XXX" denote the code of colour)

Body Markings: **GROHE**

Expiry Date: 2 January 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 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." AND

"The shower head or handspray should not be placed in submerged conditions and should be securely fixed to the original position after use."

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 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