



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	GROHE (Germany) "Grohtherm SmartControl" thermostat shower mixer with mixing device and adjustable temperature limiter with 3 valves ; "Euphoria 260 " chrome plated 3 spray patterns shower head with arm operated by centre knob ; "New Tempesta Cosmopolitan 100" 2 spray patterns hand shower set ; "Rainshower F-Series 5" side shower spray ; Nominal flow rate 7.9 L/min & 5.3 L/min & 13L/min in WELS Grade 1 & Grade 3 ; Registration No. SB 18-0032 & SB 18-0094 & SB10-0117
Model	29121000 (Thermostat mixer) 35600000 (Mounting box) 26457000 + 28361000 (Shower head & arm) 27057000 (Shower outlet elbow) 27251000 (Side shower) 2757820E (Hand shower set)
Material	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

Illustration/ Drawing

The illustration shows the following components: a shower head with a 380mm arm, a hand shower set with a 1500mm riser, and a side shower spray. Technical drawings provide dimensions for each component, such as a shower head diameter of Ø260mm and a hand shower set height of 1500mm. A Water Efficiency Label (WELS) Grade 1 is also shown.

Shower head

Dynamic flow pressure (kPa)	50	150	250	350	500
Flow rate (l / min)	6.45	8.00	7.70	7.98	8.28

Hand Shower

Dynamic flow pressure (kPa)	50	150	250	350	500
Flow rate (l / min)	4.00	5.10	5.25	5.43	5.50

Side Shower

Dynamic flow pressure (kPa)	50	150	250	350	500
Flow rate (l / min)	5.45	9.80	13.90	15.40	17.20

Note:

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


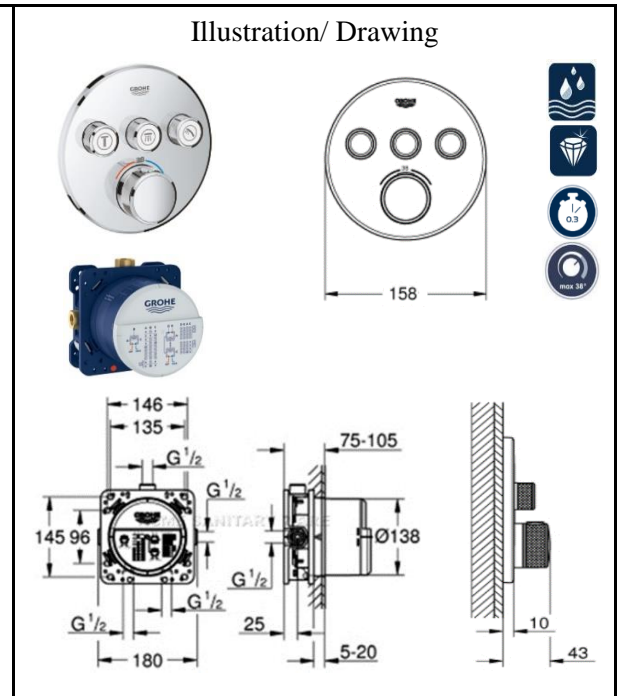


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Grotherm SmartControl
 Thermostat for concealed installation with 3 valves set for final installation for GROHE Rapido SmartBox 35 600 000 metal wall escutcheon with GROHE QuickFix (covered escutcheon and shaft sealing, covered fixing), retroactively 6° adjustable
 GROHE StarLight chrome finish
 GROHE SmartControl push for ON-OFF, turn for volume adjustment from EcoJoy to full flow
 exchangeable symbols
 GROHE TurboStat compact cartridge with wax thermoelement
 GROHE SafeStop safety button at 38°C (calibration required)
 GROHE SafeStop Plus optional temperature limiter at 43°C included
 built-in non return valve and dirt strainers
 multiple outlets can be run simultaneously without roughing-in-set
 flow performance:
 outlet A = 23 l/min
 outlet B = 27 l/min
 outlet C = 23 l/min


GROHE Rapido SmartBox
 Universal rough-in box, 1/2" 3 outlets 1/2" 2 inlets below, 1/2" installation depth 75-105 mm connection unit in DR brass pre-mounted flushing plug stable build-in box and protective cover fixing options for solid walls and dry cladding gasket without set for final installation


New Tempesta Cosmopolitan 100
 Shower rail set 2 sprays
 Consisting of:
 hand shower Tempesta Cosmopolitan 100 (27 571 20E)
 shower rail, 600mm (27 521)
 Relaxflex hose 1750 mm 1/2" x 1/2" (28 154)
GROHE EcoJoy 5.7 l/min. flow limiter
GROHE DreamSpray perfect spray pattern
GROHE StarLight chrome finish
 SpeedClean anti-limescale system
 Inner WaterGuide for a longer life




Euphoria 260
 Head shower set 380 mm, 3 sprays
 Consisting of:
 head shower Euphoria 260 (26 457)
 3 spray patterns:
 Rain, SmartRain, Jet
 shower arm Rainshower 380 mm (28 361 000)
GROHE EcoJoy 9.5 l/min flow limiter
GROHE DreamSpray perfect spray pattern
GROHE StarLight chrome finish
 SpeedClean anti-limescale system
 Inner WaterGuide for a longer life
 suitable for instantaneous heater
 min. recommended pressure 1 bar




Rainshower®
Shower outlet elbow, 1/2"
 male thread with round escutcheon
 Protected against backflow
 GROHE StarLight® chrome finish



1500 mm flexible hose
 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"
 Rotaflex for Twistfree-function
 GROHE StarLight chrome finish
 blister pack



Note:

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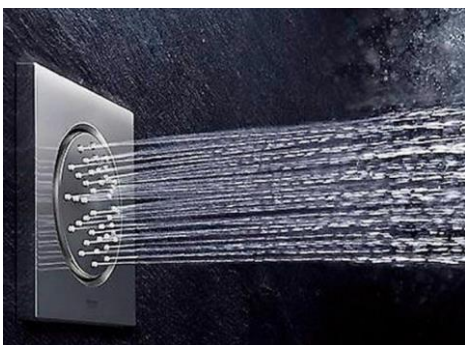
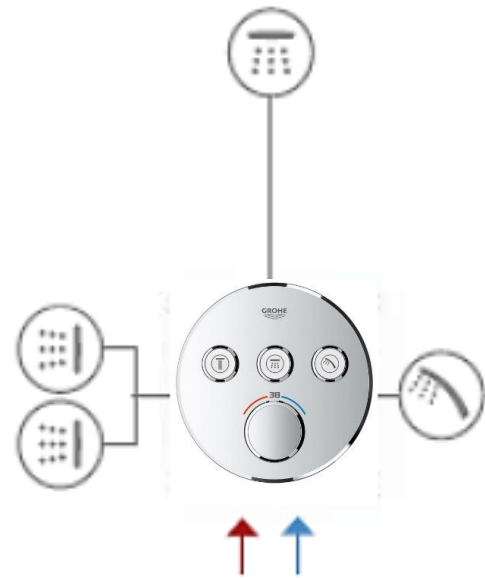
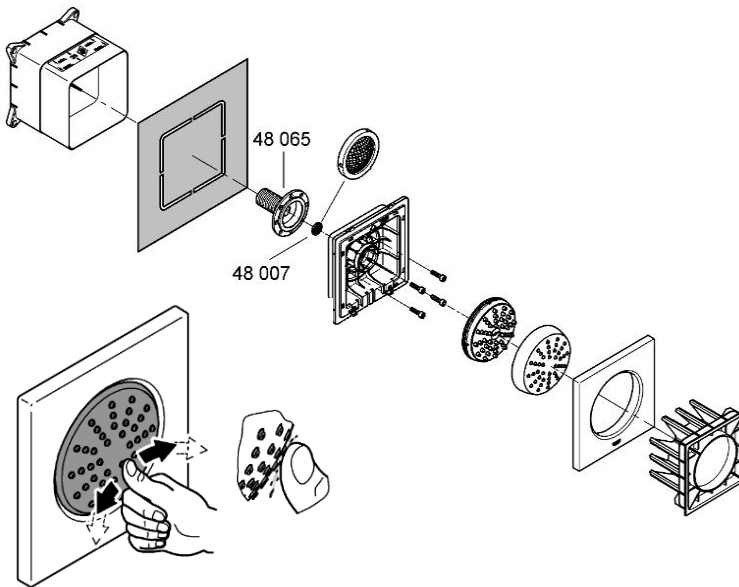
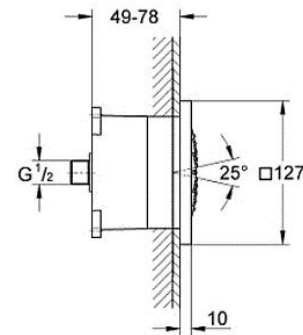


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SANITARY WARE SPECIFICATION SHEET

Rainshower F-Series 5"

Side shower 1 spray
Normal spray
including concealed body
127 x 127 mm
flow straightener with ball joint ($\pm 12.5^\circ$ rotatable)
connection thread 1/2"
GROHE DreamSpray perfect spray pattern
GROHE StarLight chrome finish
GROHE FlowBalance flow regulating screw
SpeedClean anti-limescale system



Note:

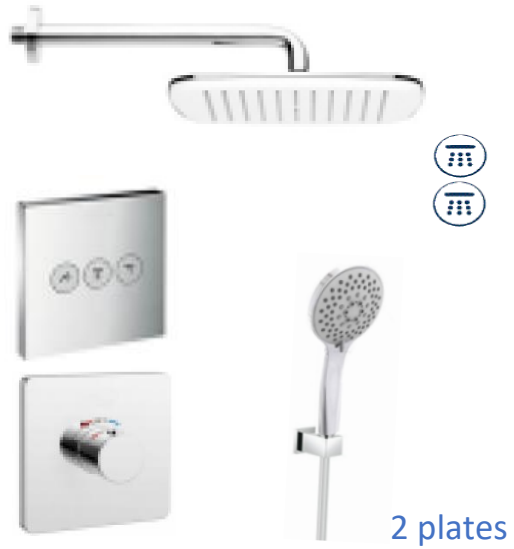
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3 Key advantageous comparisons with another brand

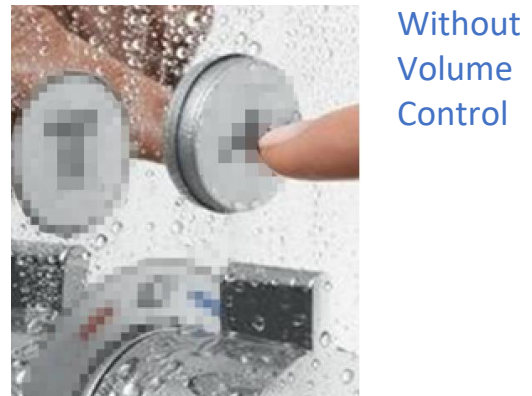
1) Only 1 wall plate needed = Half expenditures



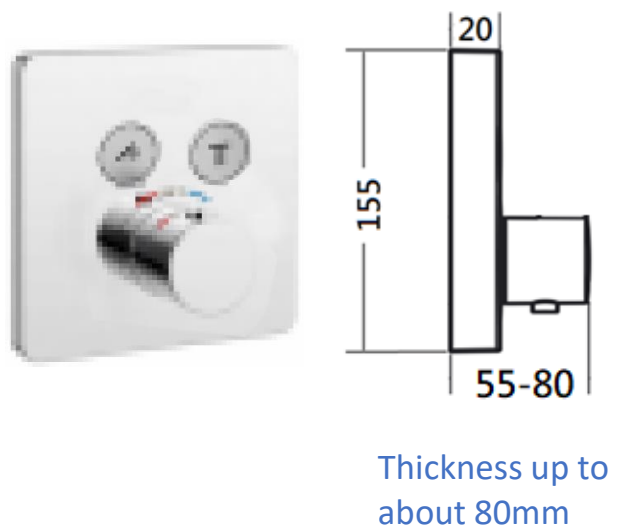
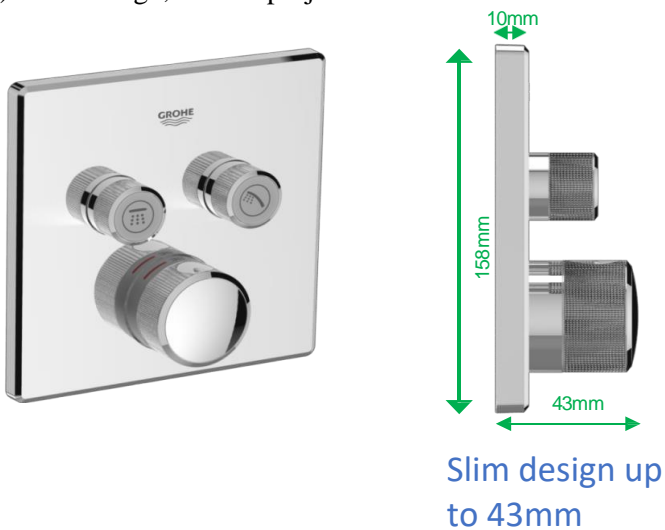
Brand x



2) Integrated Volume Control



3) Slim Design, shorter projection



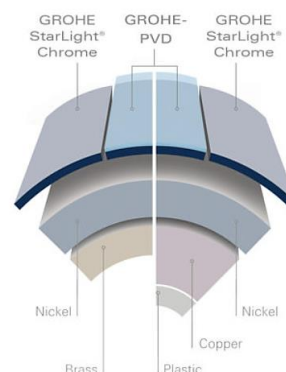


GROHE Euphoria 260 SmartControl head shower set – a perfect upgrade for your shower!

Showering style and versatility! With three innovative spray zones, the elegant GROHE Euphoria 260 SmartControl head shower set adds instant luxury to your bathroom. Jet Spray is powerful and focused, perfect for washing out shampoo and an invigorating head or neck massage. The SmartRain Spray is wider for an energizing yet relaxing experience and Rain Spray uses all the nozzles on the generous spray plate for full body coverage and a truly soothing shower. To choose the spray you want all you have to do is turn the innovative button in the centre of the impressive 260mm spray head. Simple! With its slim profile and timeless design, it looks perfect in a wide range of bathroom styles and is packed with GROHE technology. GROHE EcoJoy has a 9.5 l/min flow limiter that saves water while ensuring maximum showering satisfaction. GROHE DreamSpray ensures the flow from every nozzle will be just right – whichever spray zone you select – to deliver the most enjoyable shower possible. The dazzling scratch resistant GROHE StarLight chrome finish keeps its sparkle for a lifetime and limescale can be removed from the silicone SpeedClean nozzles with a simple wipe. It comes complete with a dedicated GROHE Rainshower arm (380mm), is easy to install and the Inner WaterGuide prevents the surface from getting too hot to protect both sensitive skin and the chrome. The elegant GROHE Euphoria 260 SmartControl head shower – delivers everything from relaxation to revitalisation!



GROHE StarLight® surface composition



GROHE surface hardness



GROHE scratch resistance



Three spray zones that can soothe or revitalise

With the innovative button in the spray plate it's easy to choose the perfect spray for your mood. Jet Spray is powerful and focused, perfect for washing out shampoo and an invigorating head massage; the SmartRain Spray is wider for an energizing yet relaxing experience; and Rain Spray uses all the nozzles on the generous spray plate for full body coverage and a truly soothing shower.

註冊號碼 (Registration No.): SB 18-0032



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	:	26457000
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>	:	7.9	公升/分鐘 <i>litres/minute</i>

簽發日期: 14 February 2018
Date of Issue:

 水務署
Water Supplies Department



水務署署長(周世威代行)
for Director of Water Supplies



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	:	275712XE
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>	:	5.3	公升/分鐘 <i>litres/minute</i>

簽發日期: 30 April 2018
Date of Issue:

 水務署
Water Supplies Department



水務署署長(周世威代行)
for Director of Water Supplies

註冊號碼 (Registration No.): SB 10-0117




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 : 27251 000
原產地 / Country or Region Origin : China

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 : 3
耗水量
Water Consumption : 13 公升/分鐘 *litres/minute*

簽發日期:
Date of Issue: 20 December 2010

 水務署
Water Supplies Department



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



水務署
Water Supplies Department

總部 Headquarters

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 ref.
來函編號
Your ref.

3321/18 Pt.1 T/J(240)

電話
Tel. :
傳真
Fax. : 2824 0578

6 September 2018

**Approval of "GROHE" Thermostatic Mixing Valves
(General Acceptance No. C20180591)**

Your letter ref. WRC/1650 dated 21 February 2018 and subsequent submission received by this department on 2 August 2018 refer.

Having considered the test report ref. J21968-2r2 issued on 26 July 2018 by Nutek Systems (HK) Ltd., this Authority accepts that the fittings described below comply with, and their 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" Concealed thermostatic mixing valve

Model:
35600000 + 29121000
35600000 + 29904LS0
35600000 + 29126000
35600000 + 29157LS0

Body Markings:

Expiry Date: 23 October 2022

This Authority hereby permits the use of the above fittings 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 fittings 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 fittings to be installed shall be replicas of the samples as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fittings installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in fresh water plumbing systems.

This acceptance is only applicable to the main body of the fittings, unless other specified.

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