



**Acme Sanitary Ware Co. Ltd.**

1/F, Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong

Tel: 2388 7171 Fax: 2710 8012


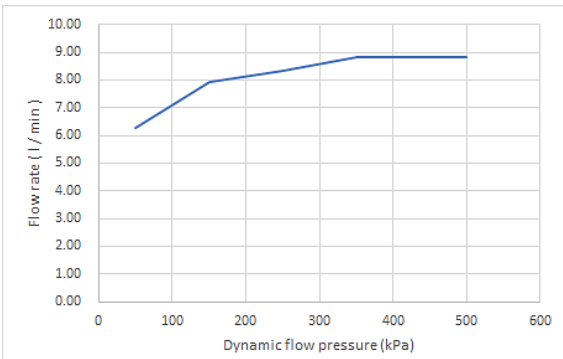


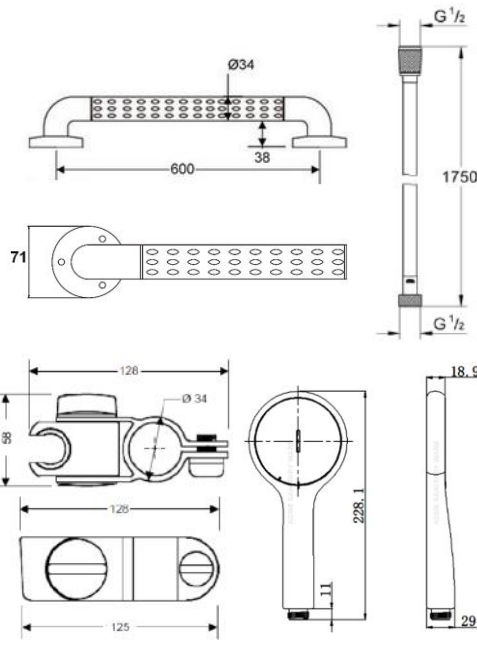
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**EMCA**

PROJECT		REF		REV	ITEM CODE	
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## SANITARY WARE SPECIFICATION SHEET

Item Descriptions	EMCA (Taiwan) Ø34 x 600mm long white ABS coated aluminium grip grab rail with shower holder ; BS12:1978 & BS882:1973 ; capable of carrying a <b>static loading test 150kg</b> ; test report J17175 ; <b>Antibacterial coating</b> ; test report SN-00-233 ; complied with Barrier Free Access 2008 ; with "Genie" Single functions petal pressure hand spray ; nominated flow rate <b>8.4 L/min</b> in WELS <b>Grade 1</b> ; Registration No. SB 18-0222 ; and "Silverflex" 1750mm flexible hose	Illustration/ Drawing												
Dimensions	Refer to drawing	 <p>anti-slip</p>												
Model	EM7041.019 (Shower grab rail) EM8013.040 (Shower holder) FFASS505-000600BF0 (Hand shower) 28388000 (Flexible hose)													
Material/ Color	ABS Coated Aluminum/ White													
Manufacturer	EMCA (Taiwan) / American Standard (PRC) / GROHE (Germany)													
Source	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></tr><tr><td>Flow rate (l/min)</td><td>6.28</td><td>7.93</td><td>8.33</td><td>8.80</td><td>8.83</td></tr></table>		Dynamic flow pressure (kPa)	50	150	250	350	500	Flow rate (l/min)	6.28	7.93	8.33	8.80	8.83	 <p><b>Hand shower</b></p>  
Dynamic flow pressure (kPa)	50	150	250	350	500									
Flow rate (l/min)	6.28	7.93	8.33	8.80	8.83									

Note: YouTube <https://www.youtube.com/watch?v=2z2JVmedejo>

YouTube <https://www.youtube.com/watch?v=UvL0PZd95w8>



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



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## SANITARY WARE SPECIFICATION SHEET



**Genie**  
MORE PLEASURE.  
WHATEVER THE PRESSURE.

**Genie hand shower boosts water pressure using a simple principle: water passing through a narrow, tapering channel will always be faster than through a straight, wide one.**

- When you cover part of a garden hose nozzle with your finger, water builds up pressure and exits faster. Genie works on the same principle.
- First, the tapered design at the internal water channel becomes >77% narrower before the water reaches the shower face.
- The water pressure is significantly boosted as it exits the shower face via 120 micro spray holes - that taper by 63% over a short depth - with a greater force and speed.

 **reddot design award winner 2018**

*American Standard*

### FEATURES

- Enhanced water pressure for a full, robust shower experience that's gentle on your skin.
- Transparent face plate allows consumers to know if nozzles are blocked.
- Easy to open back cover to wipe off any dirt and/or grime build up.
- Maintenance key included to open back cover.
- Integrated design through dual injection production technique.

### SPECIFICATIONS

- With 2.5 GPM Neoperl regulator:
  - 0.10MPa, 4.2 L/min ≤ Q ≤ 8L/min
  - 0.30MPa, Q ≤ 9L/min
- Temperature drop: less than 3°C.
- Under 0.1Mpa, height of spray spouting vertically ≥ 280mm
- Flow at low pressure: Under 0.05Mpa, flow rate ≥ 4.0L/Min
- G1/2 thread
- Three colours to select from: Aquamarine, Petal Pink, Steel Grey

### FINISHES AVAILABILITY

- Aquamarine
- Petal Pink
- Steel Grey

### SHIPPING WEIGHT

- Net Weight: 0.14 KG
- Gross Weight: 0.24 KG

### STANDARDS CRITERIA

- AS W110.0406
- GB/T 23447-2009



註冊號碼 (Registration No.): SB 18-0222




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	:	American Standard
型號 / Model	:	FFASS505-000XX0BF0
原產地 / Country or Region Origin	:	China

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>	:	8.4 公升/分鐘 <i>litres/minute</i>

簽發日期: 31 October 2018  
Date of Issue:



水務署  
Water Supplies Department



水務署署長(黃恩諾代行)  
for Director of Water Supplies



## NUTEK SYSTEMS, LTD.

Universal Ind. Ctr., 23-25 Shan Mei Street, Fo Tan, Shatin, N.T., Hong Kong.  
Tel: (852) 2692 0736 Fax: (852) 2692 0798 E-mail: nutek@nuteksystems.com

TITLE : Testing of grab bar  
OUR REFERENCE : J 17175  
DESCRIPTION OF SAMPLE : Ø34mm x 600mm Grab bar with white ABS coating  
SAMPLE SUBMITTED BY : Acme Sanitary Ware Co. Ltd.  
1/F., Acme Building, 22 Nanking Street, Kowloon, Hong Kong  
BRAND : EMCA  
MODEL : EM7041.019  
COUNTRY OF ORIGIN : Taiwan  
TEST REQUIRED : Loading test  
PERIOD OF TESTS : 6<sup>th</sup> August 2013

**RESULTS :-** (apply only to the sample tested)

### LOAD TEST

The grab rail sample was installed onto a concrete wall made of concrete mix grade 30D10 (cement to BS12: 1978 and Aggregate to BS882: 1973).

A test load was applied vertically to the mid point of the rail which was then examined for any signs of damage.

	Test load (kg)	Duration (minute)	Visual damage (e.g. breakage, deformation, etc.)	Remark
Sample	150	5	No visual damage	Pass

Date: 26 Nov 2013 Authorized signature: \_\_\_\_\_

Nutek Systems is a testing agency,  
approved by the Water Authority and  
Government Supplies Department, for  
testing water supply fittings.

Sunny K.S. Wong

( Director )



## RT OF ANTIBACTERIAL TEST REPORT

Description of the examined item : Toilet parts

Reporting date : May 12, 2000

Report No. : SN-00-233

Title of the Test : Film Sealing method

Category of Bacteria : Escherichia coli  
Staphylococcus flavus

SINANEN ZEOMIC CO., LTD.  
TOKYO, JAPAN  
BIOCIDE BUSINESS DIVISION



## REPORT OF TEST INSPECTION

June 17, 2000

It is certified that the test results from this institute assigned on June 3, 2000 are as the followings:

The assigned organization by Health Department  
 Shen-Wei No. 650 of Health Department  
 Corporate Body: Kyoto Microbiology Institute  
 No. 16-2 Yamakubo Machi, Yamashina Ku, Kyoto City, Japan  
 TEL: 075-593-3320 FAX:075-501-7110  
 Inspector: Matsuura

1. Description of the examined item : Antibacterial items
2. Testing purpose : Test on antibacterial strength evaluation
3. Test method : Film sealing method  
 Drop 1/500 common bacteria culture medium to make bacteria fluid on top of the testing item according to the "Film Sealing method of antibacterial items technical agreement association". Store at 35°C upon sealed with film. Test and find out the bacteria-generating amount on the testing chip of the bacteria fluid.
4. Strain used : *Escherichia coli* IFO-3972  
*Staphylococcus aureus* IFO-12732
5. Culture medium : Standard fluid culture medium (VGH Research).
6. Test results :

Description of Bacteria	Changes of bacteria through time				
	Initial 0 hr	24hr-1	24hr-2	24hr-3	Average
<i>E.coli</i>	$4.6 \times 10^5$	$6.0 \times 10^2$	$3.4 \times 10^3$	$6.7 \times 10^2$	$1.6 \times 10^3$
<i>St. aureus</i>	$4.2 \times 10^5$	$1.2 \times 10^3$	$1.0 \times 10^2$	$1.6 \times 10^2$	$4.9 \times 10^2$

### Comparison test results

Description of Bacteria	Changes of bacteria through time				
	Initial 0 hr	24hr-1	24hr-2	24hr-3	Average
<i>E.coli</i>	$4.6 \times 10^5$	$2.7 \times 10^7$	$2.8 \times 10^7$	$2.4 \times 10^7$	$2.6 \times 10^7$
<i>St. aureus</i>	$4.2 \times 10^5$	$1.9 \times 10^5$	$2.1 \times 10^5$	$1.8 \times 10^5$	$1.9 \times 10^5$

< 10 : Did not find out

Unit : CFU/sheet