Ka Shing Enterprise (H.K.) Ltd.
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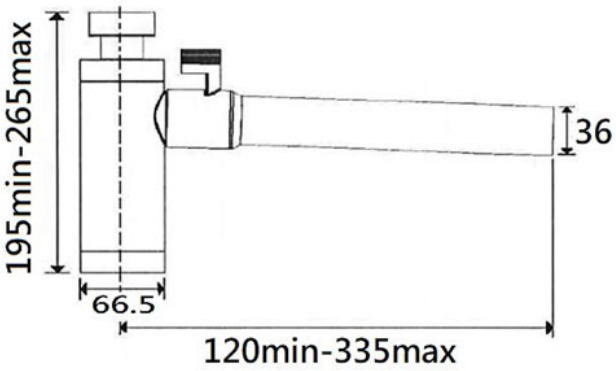
PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Daimler (PRC) 32mm chrome plated plastic anti-siphonic bottle trap with plastic wall tube extension pipe; test report J18192 BS3943:1979
Dimensions	Height: 195~265mm
Model	806V
Finish	Plastic
Manufacturer	Daimler (PRC)
Source	Ka Shing Enterprises (H.K) Limted Mr. Ivan Lau / Mr. GilmanYuen
Contact Tel/Fax	(852) 2628-0661 / (852) 2490-2700
E-mail	project@kashingehk.com
Website	www.kashingehk.com

Illustration/ Drawing

Description:
1¼" Anti-Syphon Adjustable Inlet Bottle Trap with Multifit Outlet
Size: 1¼" (32mm)
Anti Syphon: Yes
Adjustable Inlet: Yes
Standard: BS3943:1979



Code No:	Nom. Size	Anti-Siphonic
806V	32mm	√

Note: Batteries are not included.

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

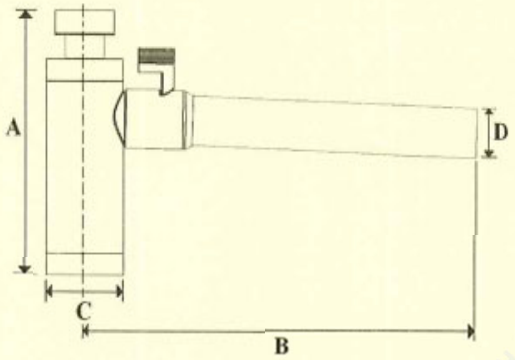
NUTEK SYSTEMS, LTD.

Unit B, 13/F., Block A, Universal Ind. Ctr., 23-25 Shan Mei Street, Fo Tan, Shatin, N.T., Hong Kong.
Tel: (852) 2605 5736 Fax: (852) 2692 0798 E-mail: nutek@nuteksystems.com

TITLE	:	Testing of Trap
OUR REFERENCE NO.	:	J18192
DESCRIPTION OF SAMPLE	:	1¼" (32mm) C.P. Plastic bottle trap with anti-siphonic
SAMPLE SUBMITTED	:	
BRAND	:	Daimler
MODEL	:	806V
ORIGIN	:	China
BODY MARKINGS	:	DAIMLER BS 3943 ANTI- SIPHON TRAP
METHOD OF TEST	:	BS3943: 1979
PERIOD OF TESTS	:	15th Sep., 2014 to 31st Oct., 2014

RESULTS: - (apply only to the sample tested)

1. DIMENSIONS (all dimensions are in millimetres unless otherwise stated)



		Sample	BS Requirement
Nominal size		32	/
Depth of water seal		85.0	75 min.
Minimum cross-sectional area of waterway (mm²)		660.2	≥ 640
Length	A	195 - 265	/
	B	335.0	/
	C	66.5	/
	D	38.0	/

/.....P.2

2. HYDROSTATIC PRESSURE TEST (external leakage and inlet attachment test)

	Test pressure (bar)	Duration (s)	Remark
Sample	0.5	15	Pass
BS Requirement	0.5	15	/

3. WATER SEAL TEST

	Test pressure (Pa)	Duration (s)	Remark
Sample	690	10	Pass
BS Requirement	690 ± 20	10	/

4. FLOW OF WATER TEST

	Water flow rate (litre/min)	Remark
Sample	63.2	Pass
BS Requirement	40 min.	/

5. INTERNAL CLEARANCE TEST

Pass; the trap is capable of accomodating the passage of a steel ball of diameter 10mm, when tested by passing the ball right through from inlet to outlet.

6. IMPACT TEST

Trap component	Impact energy (J)	Weight of striker (kg)	Falling height (m)	Remark
Body	21	1.8	1.19	Pass
Coupling nuts	14	1.8	0.79	Pass
Other parts	7	1.8	0.4	Pass

/.....P.3

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7. ANTISIPONIC TESTS

- the test procedures are as shown in Appendix A

7.1. Self siphonic test

Water seal before test = 85mm
Water seal after test = 85mm
Remark : Satisfactory

7.2 Induced siphonic tests

7.2.1. With one neighbouring cistern discharging

Water seal before test = 85mm
Water seal after test = 85mm
Remark : Satisfactory

7.2.2 With two neighbouring cisterns discharging

Water seal before test ≈ 85mm
Water seal after test ≈ 85mm
Remark : Satisfactory

8. SUMMARY OF RESULTS (apply only to the sample tested)

Dimensions	-- Satisfactory
Hydrostatic pressure test	-- Satisfactory
Water seal test	-- Satisfactory
Flow of water test	-- Satisfactory
Internal clearance test	-- Satisfactory
Impact test	-- Satisfactory
Anti-siphonic tests	-- Satisfactory

Date : 19 Nov 2014 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)

Appendix A - Anti-siphonic Tests for Waste Traps

Test methods : A row of three cisterns were used for the purpose of testing the effect of siphonic actions on the waste trap. The cisterns were spaced at 22" (560mm) apart as shown in Figure 1. The following tests were carried out to measure the water seal in the trap before and after the siphonic tests.

a) Self siphonic tests : -
The water seal in waste trap A was first measured. With cistern A filled with water (6.5 lit) and allowed to discharge through the waste trap, the water seal was then measured again to check for any loss due to the self siphonic action.

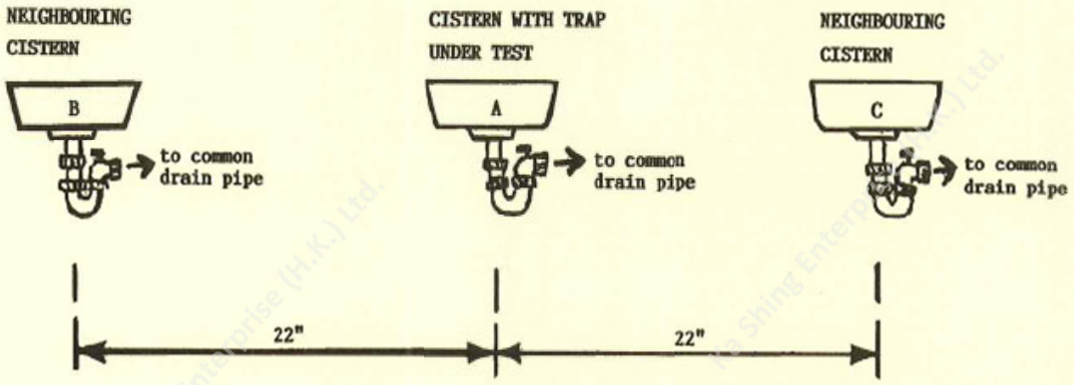
b) Induced siphonic test :-

1. With one neighbouring cistern discharging

   The water seal in waste trap A was first measured. With cistern B filled with water (6.5 lit) and allowed to discharge to create an induced siphonic action on trap A, the water seal was measured again.

2. With two neighbouring cisterns discharging

   The water seal in waste trap A was first measured. Cistern B & C were filled with water (6.5 lit each) and both allowed to discharge at the same time to create an induced siphonic action on trap A, the water seal was measured again.



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