



PROJECT		REF		REV	ITEM CODE	
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SANITARY WARE SPECIFICATION SHEET

Item Descriptions	McAlpine (UK) 1½ " 40mm anti-syphon tubular swivel trap with adjustable inlet tested on BS EN 274-1:2002 / BS EN 274-2:2002 / BS EN 274-3:2002; test report J22688	Illustration/ Drawing
Dimensions	Refer to drawing	
Model	SC10VMSH	
Finish/ Finish	Polypropylene / White Finish	
Manufacturer	McAlpine (UK)	
Source	Ka Shing Enterprises (H.K) Limited Mr. Ivan Lau / Mr. Gilman Yuen	
Contact Tel/Fax	(852) 2628-0661 / (852) 2490-2700	
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75mm Water Seal Tubular Swivel Anti-Syphon (Silentrap) 'P' Trap with Universal Outlet

Available in 1¼", 1½", and 2" sizes

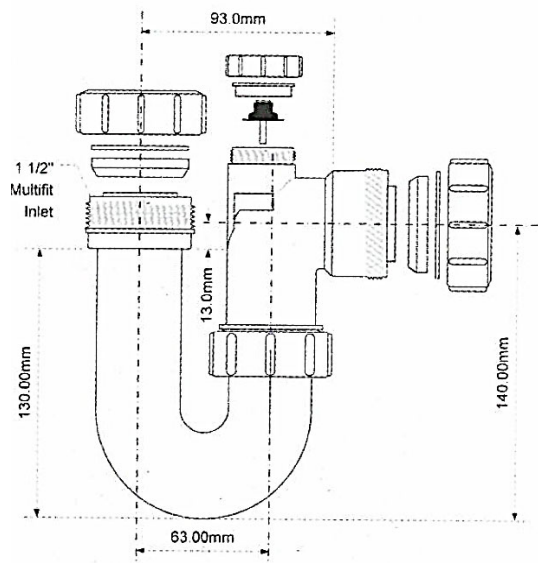
75mm Water Seal

Universal Compression Outlet suits all plastic, copper and lead pipes

Anti-Syphon Valve neutralises negative syphonic pressure and eliminates gurgling

Manufactured in polypropylene

Conforms to BS EN 274-1:2002 / BS EN 274-2:2002 / BS EN 274-3:2002



Note:

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



Nutek Systems

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TITLE : Testing of Waste Fitting
REFERENCE NO. : J 22688
DESCRIPTION OF SAMPLE : 40mm Anti-Syphon P Trap
SAMPLE SUBMITTED BY :
MANUFACTURER : McAlpine & Co. Ltd
BRAND : McAlpine
BODY MARKINGS : McALPINE
COUNTRY OF ORIGIN : United Kingdom
MODEL : SC10VMSH
METHOD OF TESTS : BS EN 274-1: 2002; BS EN 274-2: 2002; BS EN 274-3: 2002
PERIOD OF TESTS : 13 Apr., 2018

RESULTS:- (apply only to the sample tested)

1. APPEARANCE OF SURFACE (BS EN 274-3 Table 1 & BS EN 274-1 Cl 4.2)

Requirement	Remark
The internal and external surfaces of the waste fittings shall be smooth, free from grooving, blistering or any other surface defects likely to impair their functioning	Pass

2. DIMENSIONS (in mm) (BS EN 274-3 Table 1 & BS EN 274-1: 2002 Cl. 4.5)

The waste fitting is applied for waste outlet with trap

	Sample	Requirement
Diameter of waste outlet	43.2	/
Diameter of waste inlet	35.3	/
Height	180	/
Depth of water seal	92	≥ 50 for partly filled discharge branches ≥ 75 for full bore discharge branches



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3. HYDRAULIC REQUIREMENTS

3.1 BS EN 274 test tank (BS EN 274-1: 2002 Cl. 4.6 & BS EN 274-2: 2002 Cl.5)

	Component	For	Minimum Flow rate (l/s)	Remark
Sample	Waste outlet with trap	Kitchen sink	1.14	Pass
Requirement	Waste outlet with trap	Kitchen sink	0.6	/

Table 3 — Minimum flowrates

Waste fitting/ component	Minimum flowrate for waste fitting/component for sanitary appliance				
	Wash basin, bidet	Bath	Kitchen sink	Shower tray with waste outlet hole size 52 mm or 62 mm	Shower tray with waste outlet hole size 90 mm
	l/s				
Waste outlet	0,6	1,0	0,7	-	-
Waste outlet with trap	0,5	0,8	0,6	0,4	0,4
Trap alone	0,6	0,85	0,7	-	-
Overflow	0,25	0,6	0,25	0,35	-



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4. MATERIALS AND TEMPERATURE CYCLING TEST (BS EN 274-3: 2002 Table 1; BS EN 274-1: 2002 Cl 4.3 & BS EN 274-2: 2002 Cl. 3)

	5 cycles	Requirement	Remark
Sample	95 -2 °C for 15 mins at 0.5 l/s, then 20±5°C for 10 mins at 0.5 l/s	No material failure	Pass

5. LEAKTIGHTNESS (BS EN 274-2: 2002 Cl 6)

	Water pressure (bar)	Duration (min)	Leakage	Remark
Sample	0.1	60	Nil	Pass
Waste outlet with plug or flap requirement	/	60	No	/
Waste fitting requirement	0.1	5	No	/

6. SUMMARY

Appearance of surface - Satisfactory
Dimensions - Satisfactory
Hydraulic requirements - Satisfactory
Materials and temperature cycling test - Satisfactory
Leaktightness - Satisfactory

Date: 14 June, 2018 Authorized signature:

Vincent Lok

LOK K.W., Vincent
(Mechanical Engineer)

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



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Figure 1 - 40mm Anti-Syphon P Trap