



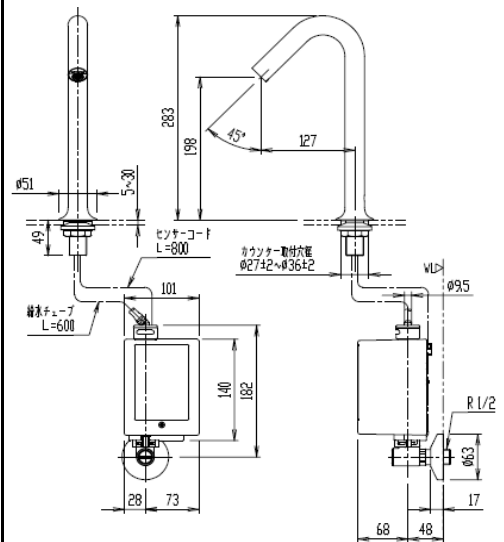
PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Inax (Japan) Chrome plated deck mounted Infra-red extended sensor faucet; DC Supply with 4x AA size alkaline cell battery; nominated flow rate 1.7 L/min in WELS Grade 1; Registration No. TN 24-0030	<p>Illustration/ Drawing</p>
Dimensions	L127 x W51 x H283 mm	
Model	AM-320HC	
Finish	Chrome Plated	
Manufacturer	Inax (Japan)	
Source	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	
E-mail	acme@acmesanitary.com.hk	
Website	www.acmesanitary.com.hk	

- Deck Mounted Sensor Single Tap
- Not included drain pop-up
- Power: Aqua Energy Hydraulic Generator: DC7V
- Back-up: 4x AA size alkaline cell battery
- Water pressure: 0.05MPa (Flow) to 0.75MPa (Static)
- Ambient Temperature: 0 to 40 degrees Celsius
- Ambient Humidity: Not higher than 90 %RH
- Flow Rate: 2 to 3 L/min (with flow restrictor @2.5 L/min)
- Sensing: Distance-measuring IR sensor
- Sensing Distance: Automatically Adjusted
- Size Of Sensing Area: Dia. 10 mm
- Inlet Connection: Single: R1/2 / Thermostatic: PJ 1/2 screw
- Mechanical Endurance Cycle: 600,000 times
- (Daily use 150 times can be lasted for over 10 years)

仕様		
電源	主電源	DC7V(電源回路)
	バックアップ	DC3V(アルカリ乾電池単3形4本)
使用圧力範囲	0.05(流動時)~0.75(静止時)MPa	
使用水	水道水および飲用可能な井戸水	
使用環境温度範囲	0~40℃	
使用環境湿度範囲	90%RH以下	
適正流量範囲	2~3L/分(2.5L/分定流量弁内蔵)	
感知方式	距離測定式赤外線センサー	
感知距離	自動設定(感知距離自動調整機能内蔵)	
感知エリア幅	約φ10mm	





PROJECT		REF		REV	ITEM CODE	
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SANITARY WARE SPECIFICATION SHEET

番号	部品品番	部品名	所要数
1	A-11026-10	吐水口ASSY	1
2	A-8216	45° 継手ASSY	1
3	A-11028	機能BOX	1
4	72-1057	クイックファスナー (呼び12.7)	1
5	A-8187	定流量弁ASSY	1
7	A-8185	止水栓ASSY	1
工	KG-4	締付レンチ	1

ベッセル型洗面器と組み合わせて
使いやすい高さのタイプも用意
しています。

Note:

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

註冊號碼 (Registration No.): TN 24-0030



自願參與用水效益標籤計劃 - 水龍頭
Voluntary Water Efficiency Labelling Scheme - Water Taps



茲證明
This is to certify that

將下列水龍頭在本計劃內註冊：
has registered the following water tap under this scheme :

牌子 / Brand	:	INAX + LIXIL INAX
型號 / Model	:	AM-320HC + A-8187
種類 / Type	:	Non-mixing
原產地 / Country or Region Origin	:	Japan (Tap & Flow Controller)

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 with additional merit*
耗水量 <i>Water Consumption</i>	:	1.7 公升/分鐘 <i>litres/minute</i>

*with additional merit of "Automatic closing mechanism"

簽發日期: 7 June 2024
Date of Issue:

 水務署
Water Supplies Department



水務署署長(龔庭瑋代行)
for Director of Water Supplies



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

7 Gloucester Road, Wan Chai, Hong Kong



本署檔號
Our ref.
來函檔號
Your ref.

/2024 T/J(45/2024)

電話
Tel.
傳真
Fax.

2824 0578

19 April 2024



Approval of "INAX" Sensor Tap (General Acceptance No. C20240253)

Your E-Application [file-id: ETJ-GA-20231228-190] dated 11 January 2024 and subsequent submission received by this department on 27 March 2024 refer.

Having considered the test reports ref. 220191PC220009A and 202535EN220249(2) issued on 10 March 2023 and 21 April 2022 by Fugro Technical Services 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: LIXIL Corporation
Country of Origin: Japan
Brand: INAX
Details of Fitting: 1/2" Deck mounted sensor tap with 1 no. of flexible hose
Model: AM-320HC
Body Markings: INAX
Expiry Date: 31 March 2027



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-

"A stop cock or gate valve must be installed at the upstream of the fitting for manual isolation of water supply." AND

"The main voltage operated sensor valve should comply with the electricity safety regulation for applications in bathroom, toilet etc."

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 Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

7 Gloucester Road, Wan Chai, Hong Kong



本署
Our re
來函檔號
Your ref.

21/2023 T/J(1141/2023)

電話 :
Tel.
傳真 : 2824 0578
Fax.

1 December 2023

**Approval of “LIXIL INAX” Flow Controller
(General Acceptance No. C20230900)**

Your E-Application [file-id: ETJ-GA-20231108-166] dated 9 November 2023 refers.

Having considered the test report ref. 221000EN221574 issued on 18 August 2022 by Fugro Technical Services Limited, 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: LIXIL Corporation
Country of Origin: Japan
Brand: LIXIL INAX
Details of Fitting: Flow controller
Model: A-8187
Body Markings: Nil
Expiry Date: 27 July 2027



This Authority hereby permits the use of the above fitting in fresh water plumbing systems subject to full adherence to Waterworks installation requirements.

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.

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 Ms Winnie LO at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



Client Ref. : D/0006/22/FO/MH
 Report No. : 220191PC220116A

REPORT ON TESTING OF SENSOR BASIN TAP WITH THE FLEXIBLE HOSE

Information Supplied by Client

Client :
 Client Address :

 Project : Testing of Sensor Basin Tap with the Flexible Hose
 Sample Description : Sensor Basin Tap with the Flexible Hose
 Brand Name : INAX
 Model : AM-300C, AM-300CV1, AM-300TC, AM-300TCV1, AM-320C, AM-320CV1,
 AM-320TC, AM-320TCV1, AM-320HC, AM-320HCV1, AM-320HTC and
 AM-320HTCV1
 Body Marking : **INAX**
 Country of Origin : Japan
 Manufacturer : LIXIL Corporation

Laboratory Information

Lab. Sample I.D. : PC220116/1
 Date Received : 12 January 2022
 Date Test Started : 24 March 2022
 Date Test Completed : 06 May 2022
 Test Method : Ref. to BS EN 15091 : 2013

Test Results

Endurance Test

(BS EN 15091 : 2013 clause 5.5)

Test Cycle	Applied Static Pressure (bar)	BS EN Requirement (bar)	Obsevation	BS EN Requirements	Test Result
				Obsevation	
600,000	4.0	4 ±0.5	The tapware was no leakage and no filure of any component part of it	No Component shall break, and the tapware shall continue to operate	Pass

Client Ref. : D/0006/22/FO/MH
 Report No. : 220191PC220116A

LEAKTIGHTNESS OF TAPWARE UPSTREAM OF THE OBTURATOR

(After 600,000 Cycles of Endurance Test)

(BS EN 15091 : 2013, Clause 4.6.4)

Applied Pressure (bar)	BS EN Requirement (bar)	Duration (sec)	BS EN Requirement (sec)	Observation	BS EN Requirement	Test Results
16	16±0.5	60	60±5	- No leakage at the obturator - No leakage or seepage through the walls	The duration of the test there shall be no leakage at the obturator and no leakage or seepage through the walls	Pass

Leaktightness of tapware downstream from the obturator

(BS EN 15091 : 2013, Clause 4.6.5)

Applied Pressure (bar)	BS EN Requirement (bar)	Duration (sec)	BS EN Requirement (sec)	Observation	BS EN Requirement	Test Results
4	4±0.2	60	60±5	No leakage or seepage	The duration of the test there shall be no leakage or seepage through the walls	Pass
0.2	0.2±0.05	60	60±5	No leakage or seepage	The duration of the test there shall be no leakage or seepage through the walls	Pass

Remark : 1.) The report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

2.) This report is to supersede our previous test report no. 220191PC220116.

 Checked by : Date : 8 AUG 2022 Certified by : Date : 8 AUG 2022

 Ng Shu Shing Chris
 Assistant Manager (Plumbing Components)

Client Ref. : D/0006/22/FO/MH

Report No.: 220191PC220116A

Page 3 of 3



Test Sample



Body Marking

** End of Report **

FUGRO TECHNICAL SERVICES LTD.
Certified True Copy of Test Report
Certified by:
Name/Title: Chris Ng / Assistant Manager
Date: 9 AUG 2022