



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Inax (Japan) 3-in-1 counter top washbasin completed with sensor tap, foam soap dispenser and hand dryer 110V AC Supply with INAX 110V/220V Transformer; Nominal flow rate 1.7 L/Min in WELS Grade 1 ; Registration No. TN 18-0031
Dimensions	L566 x W475 x H270mm
Model	IN-L-C11A3/BW1-HK (3-in-1 Basin) A5.9042.1 (Aerator) 110V/220V Transformer (INAX)
Finish	Vitreous China
Brand	Inax (Japan)
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

Illustration/ Drawing

ジェット乾燥機能内蔵でドライな洗面空間作りができます

風速105m/秒のジェット風で手の水を吹き飛ばします。洗面器の手前に水返しが付いている深鉢形状。水じまいがよく、顔への不快な風の吹き返しもありません。また、ジェット乾燥が内蔵されているので、工場など、ハンドドライヤーを連立したい場所にピッタリです。

ハンドドライヤーの設置スペースが不要になるうえ、カウンターの奥行きもコンパクトに。洗面空間が広がります。

Dynamic flow pressure (kPa)	50	150	250	350	500
Flow rate (l / min)	1.15	1.68	1.70	1.80	1.90

- Detail specifications**
- Counter Top 3 in 1 Jet Bowl
 - AC Operated: 220V (with transformer)
 - Rated Power Consumption: 840W
 - Operated Pressure Range: 0.05 MPa – 0.75 MPa
 - Operated Temperature Limit: 5 – 40 °C
 - Water Machine – Spout Volume: 5L/min
 - Hand Dryer – Wind Speed: 105m/s
– Drying Time: 6 – 9s
 - Soap Dispenser – Discharge Mode: Mousse
– Discharge Amount: 2ml/ time
– Tank Capacity: 4L
– Replenishment: Inside the basin



Note: A-5625 sensor tap is used in 3-in-1 washbasin.

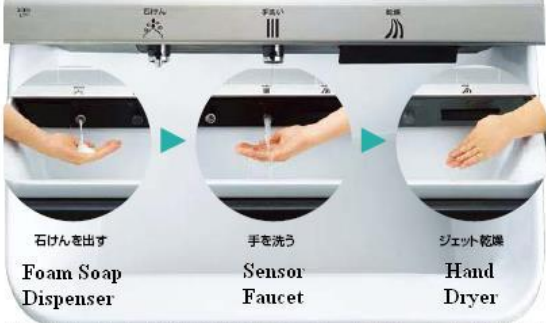
* All information of the above is for the reference only. No prior notice is made if any changes.



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SANITARY WARE SPECIFICATION SHEET

使いやすいレイアウト



Foam Soap Dispenser

Sensor Faucet

Hand Dryer

使う順に横一列でわかりやすく機能を配置。スムーズオペレーションを実現します。

■タイプにより搭載機能は異なります。

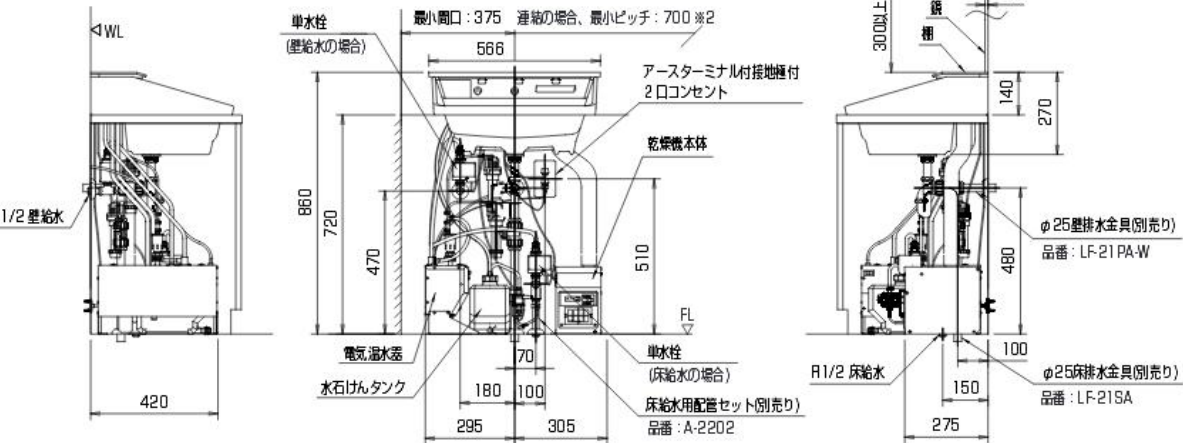
パブリックの洗面空間がさらに快適になる電気温水器付



メンテナンスも簡単



水石けんの不足はLEDでお知らせ。洗面器内で補充が行えるのでカウンターや床が汚れません。
 ■ A2、W2タイプを除く



選べる3つのバリエーション

A3・W3タイプ



オートムースあり ジェット乾燥あり

A2・W2タイプ



オートムースなし ジェット乾燥あり

A1・W1タイプ



オートムースあり 乾燥なし

快適に使える省エネ設計。ランニングコストを節約



自動吐水、ジェット乾燥機能内蔵(A1、W1タイプを除く)なので節水率が高く、ペーパーレス。環境に配慮し、維持費も、軽減します。

【試算条件】設置台数:50台、使用人数:1,000人、洗面器使用回数:5回/人・日、年間稼働日数:265日で算出。

■ 2ハンドル水栓:2.9L/回、自動水栓:0.8L/回

■ 水石けん:4mL/回、ムース石けん:2mL/回、水石けん料金:19,656円/18kg (税込) (アルボースG-Nより算出) 10倍希釈時

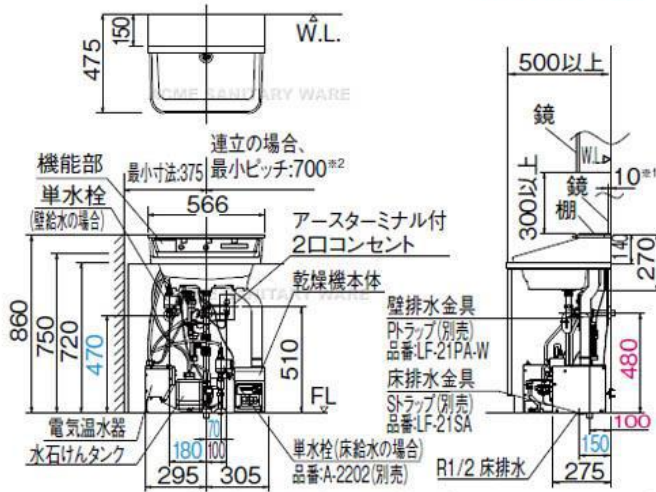
■ ペーパータオル:2枚/回(1円/枚)、ジェット乾燥:9秒/回

Note:

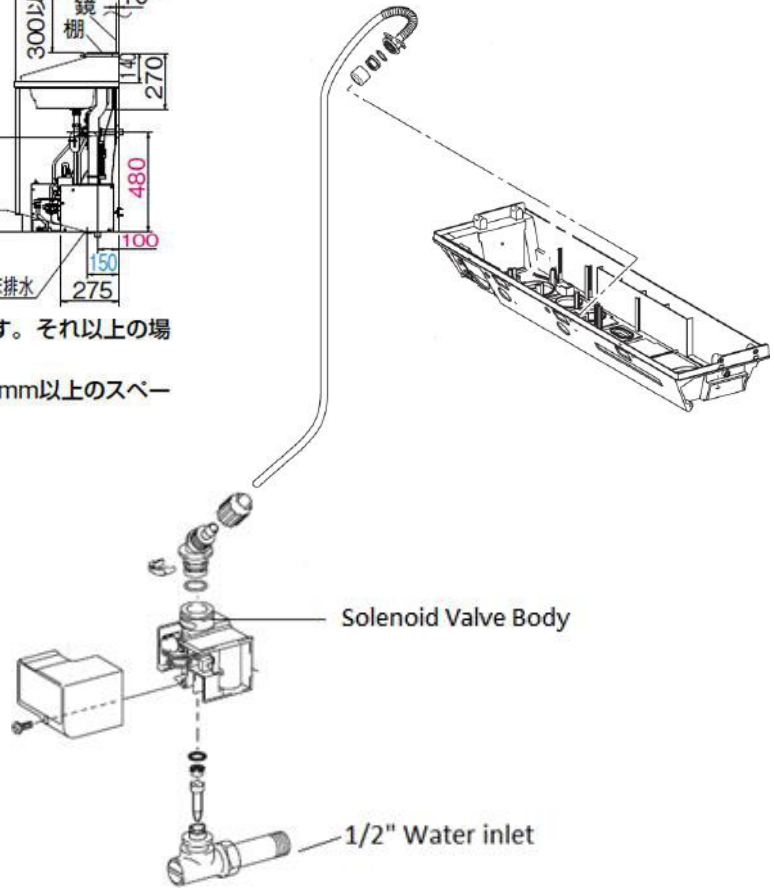
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カウンタータイプ電気温水器付

青字は給水寸法
赤字は排水寸法



- ※1 10mm以下の鏡は棚部に乗せて取付可能です。それ以上の場合は300mm以上あけて取付け願います。
- ※2 メンテナンスのため洗面器左右にそれぞれ90mm以上のスペースをとってください。



註冊號碼 (Registration No.): TN 18-0031




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



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	:	LIXIL INAX
型號 / Model	:	A-5625 + A5.9042.1
種類 / Type	:	Non-mixing
原產地 / Country or Region Origin	:	Japan

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: 6 July 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



水務署

Water Supplies Department

香港灣仔告士打道七號入境事務大樓
Immigration Tower, 7 Gloucester Road, Hong Kong

電子郵件
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3321/18 Pt.1 T/J(440)

7 June 2018

Approval of "LIXIL INAX" Sensor Tap

Your letters ref. WRC/1737 dated 25 April 2018 and ref. C-WSD/0396 dated 15 May 2018 refer.

Having considered the test reports ref. J22784Ar1 and J21657r1 issued on 14 May 2018 and 20 April 2018 by Nutek Systems (HK) 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: LIXIL INAX
Details of Fitting: 1/2" Electronic sensor tap supplied with 1 no. of rubber hose
Model: A-5625
Body Markings: Nil

Expiry Date: 28 August 2022 (for tap + hose)

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 other specified.

For the use of the fitting in any project, the Acceptance Reference Number at the bottom 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. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,



(CHAN Chung Kun)
for Water Authority

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

Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong



本署
Our
來函
Your ref.

321/2021 T/J(40/2021)

電話 :
Tel.
傳真 : 2824 0578
Fax.

4 February 2021

Approval of “NEOPERL” Flow Controller (General Acceptance No. C20210105)

Your letter ref. 044-rkre dated 11 December 2020 refers.

Having considered the test report ref. J25781 issued on 10 November 2020 by Nutek Systems (HK) 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: Neoperl GmbH

Country of Origin: Germany

Brand: Neoperl

Details of Fitting: Flow controller

Model: A5.9042.1

Body Markings: 

Expiry Date: 3 November 2025



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 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

INAX

Jet Bowl

USER MANUAL

Thank you very much for purchasing our product.
Please use the product properly after reading this manual carefully.
After reading, please keep it carefully in a place where you can refer to it easily.

Failure to follow the safety precautions may result in accidents in some circumstances. Each of these items is extremely important and should be strictly observed. In the event that an accident occurs as a result of improper usage, we will assume no responsibility for damages.



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● Safety Precautions (READ ALL INSTRUCTIONS BEFORE USING)

- Failure to follow the safety precautions may result in serious accidents in some circumstances. Each of these items is extremely important for safety, and should be strictly observed. In the event that an accident occurs as a result of improper usage, we will assume no responsibility for damages.
- When using the product, you should always observe the following safety instructions. We cannot be held liable for damages that are the result of disregarding these instructions. In order to illustrate varying degrees of severity, the following terms are used.

Safety Precautions

Explanation of terms and symbols

WARNING [Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.]

CAUTION [Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or in damage to product or other property.]



. This symbol indicates that you must exercise caution. This symbol is used in conjunction with the "WARNING" and "CAUTION" symbols to draw user attention. Ensure you read these and observe these precautions.



PROHIBITED

. This symbol indicates that the described action is prohibited.



OBSERVE

. This symbol indicates that the described action must be performed.



⚠️ WARNING	
<p>Do not try to open or repair the product on your own. Do not make modifications or install additional items. Repairs must only be performed with original replacement parts and accessories by authorized maintenance personnel. Improper installation and maintenance work or repairs can create substantial hazards to the user.</p> <p>⚠️ Doing so may cause fire, electric shock, abnormal operation, or injury.</p>	<p>Do not place in water or pour water on it.</p> <p>⚠️ Doing so may cause fire, short circuit, electric shock, or malfunction.</p>
<p>Do not use this product in a humid place such as a bathroom where water may splash, or where condensation may occur on the surface.</p> <p>⚠️ Doing so may cause fire, electric shock, abnormal operation, or injury.</p>	<p>Do not damage, break, modify, bend forcefully, pull, twist, bundle, place heavy objects on, or pinch the power cord.</p> <p>⚠️ Doing so damages the power cord and may cause fire, short circuit, or electric shock.</p>
<p>Do not touch the power plug with wet hands.</p> <p>⚠️ Doing so may cause electric shock.</p>	<p>Connect the ground wire to the grounding terminal.</p> <p>⚡ GROUND</p> <ul style="list-style-type: none"> • Make sure that a circuit breaker is installed on the power distribution panel at the installation location. • Make sure that the ground wire is connected. • If there is no grounding terminal in the outlet, please appoint a legally qualified person (electrical worker) to replace it with an outlet with a grounding terminal and ground electrode, and perform the work in conformance to Class D grounding work. • Otherwise, there is a risk of malfunction or electrical leakage.
<p>Do not use if the power cord or power plug are damaged, or the power plug is loosely inserted into the outlet.</p> <p>⚠️ Doing so may cause fire, short circuit, or electric shock.</p>	
<p>Do not place a lit cigarette on the main body.</p> <p>⚠️ Doing so may cause burn marks or fire.</p>	

Safety Precautions

⚠️ CAUTION	
<p>When unplugging the power plug, be sure to hold the power plug and unplug it without pulling on the power cord.</p> <p>⚠️ Doing so may cause fire, short circuit, or electric shock.</p>	<p>Do not use solvents such as acidic, alkaline and chlorine-type detergents, benzene, thinner, lacquer, alcohol etc, or oils.</p> <p>⚠️ Doing so may cause discolouration and deformation. (Marks may remain at places that come into contact with the liquid.)</p> <p>There is also a risk of printed text or plating material coming off.</p>
<p>Do not use a power supply other than AC100V (50/60Hz).</p> <p>⚠️ Doing so may cause fire, short circuit, electric shock, or malfunction.</p>	

⚠️ CAUTION	
<p>Do not use a water source other than the tap water supply.</p> <p>⚠️ Doing so may cause corrosion on the inside of the product, leading to fire, short circuit, electric shock, or malfunction.</p>	<p>Do not rub the shelf and resin part of the water discharge section with a metal scrub.</p> <p>⚠️ Doing so may cause scratches.</p>
<p>Periodically check for water leaks around the piping.</p> <p>⚠️ Water leakage may occur due to the wear and tear of parts, causing water damage to household property etc.</p>	<p>Keep the temperature around the water faucet above freezing point.</p> <p>⚠️ If the water in the faucet freezes, parts may become damaged and cause water leakage. Repairs for damage to faucets due to freezing will be chargeable even during the warranty period.</p>
<p>Do not block the blowing nozzle or insert things into it. (Models with drying function)</p> <p>⚠️ When wires etc are inserted, they will enter the dryer body and cause malfunction.</p>	<p>Do not use when the liquid soap tank (models with liquid soap function), filter (models with drying function), or cover (Wall-hanging model) are detached.</p> <p>⚠️ The drying function may deteriorate, or dirt may enter the inside of the main body, causing malfunction.</p>
<p>If the main body is damaged, unplug the power plug from the outlet and request for repair.</p> <p>⚠️ Using the product as it is may cause short circuit or electric shock.</p>	<p>Do not hang or lean on the main body.</p> <p>⚠️ Doing so may cause injury or malfunction.</p>
<p>Do not use the product in a place where there are corrosive, neutral or reducing gases.</p> <p>⚠️ Doing so may shorten the lifespan of the equipment.</p>	<p>Do not use the product in a place exposed to direct sunlight.</p> <p>⚠️ It may work incorrectly.</p>
<p>Avoid using the product for drinking or cooking.</p> <p>⚠️ Doing so may cause a person to become unwell in some cases.</p>	<p>Do not give a strong shock to the washbasin by climbing on it, using it as a stool, or dropping hard objects on it.</p> <p>⚠️ It may cause malfunction, or injury due to breakage of the pottery, or soiling of household property due to water leakage.</p>

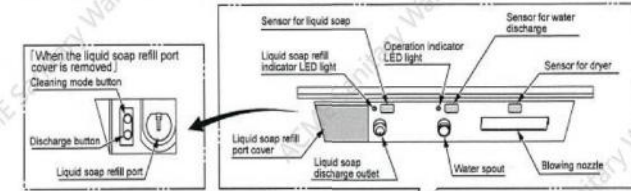
Safety Precautions

CAUTION	
Do not drop hard objects on the pottery. ※ It may cause injury due to breakage of the pottery, or soiling of household property due to water leakage.	 If the pottery part of a toilet bowl or washbasin is cracked or broken, do not touch the damaged part. ※ The damaged part may cause injury. Replace it as soon as possible.
Do not pour boiling water on the pottery. ※ It may cause injury due to breakage of the pottery, or soiling of household property due to water leakage.	 Do not use the washbasin if there are cracks in the pottery. ※ It may break suddenly and cause injury.

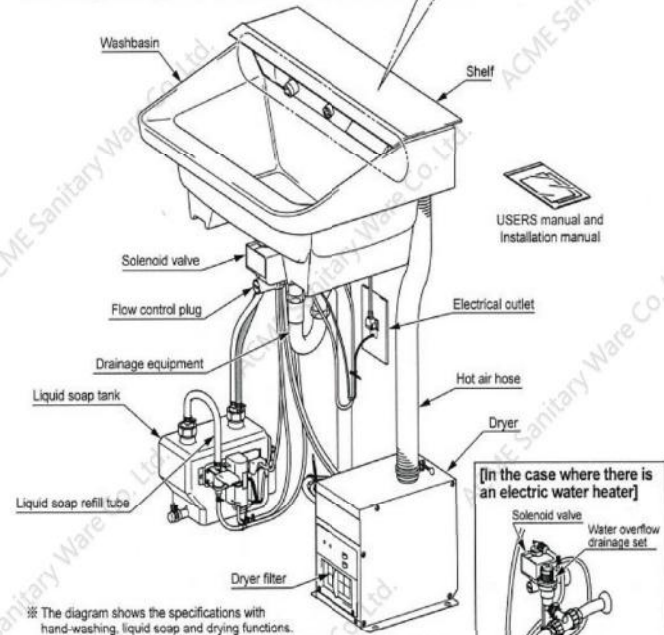
Safety Precautions

- When the dryer filter is clogged, the air flow is reduced and the drying performance is poor. Remove the dryer filter and clean it.
- The capacity of the liquid soap tank is 4 litres. Clean it about once a month. Reduce the cleaning interval if the usage frequency is high.
- Be sure to set the washbasin to "Cleaning Mode" before throwing water from a bucket into the washbasin. Otherwise, it may work incorrectly.
- Be sure to set the washbasin to "Cleaning Mode" before washing dust cloths in the washbasin. Otherwise, it may work incorrectly.
- Do not place items such as cleaning tools around the dryer.
- For models with electric water heater, if the hot water is not used for more than a week, refer to page 7 "If hot water is not used for more than one week" of the users manual for the electric water heater.

● Description

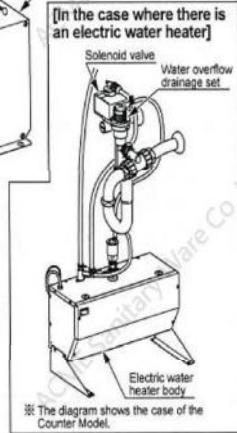


Description



[Counter Model]

[Wall-hanging Model]



● Advantages

- The product is a multi-function basin that detects the hands of a user approaching the sensor and automatically discharges water (or hot water), liquid soap (foam-type), and warm air automatically. As it can be used without having to touch a water faucet or switch, it is sanitary and there is no wastage of water or liquid soap caused by users forgetting to turn it off.
- The built-in constant flow valve eliminates excessive water discharge. If the rate of water discharged needs to be further reduced, it can be adjusted using the stopcock.
- A total of 4 modes: [Air flow: High / Low] [Heater: On / Off] can be toggled to the desired settings for the operating environment.
- The built-in timer function prevents continuous operation due to mischief or malfunction. After a certain period of time (water dispensing 60 seconds, drying 60 seconds) has elapsed, operation is automatically stopped.
- By holding down the cleaning mode button for more than 1 second, all functions stop for a specific duration (3 minutes). It is convenient for cleaning and refilling the liquid soap. (Refer to page 14)

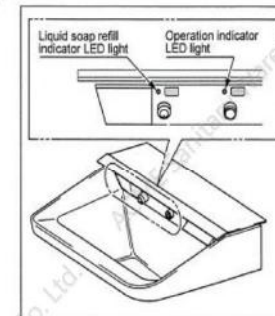
Safety Precautions

● Before Using the Product

■ Preparation and Checks Before Operation

① Power Supply Check

- Insert the power plug into an electrical outlet.
- The power supply is AC100V. (Frequency of 50/60Hz are supported)
- Check the display status of each LED.
- When the power is turned on, the operation indicator LED light will light up in green.
- If the liquid soap is not refilled, the liquid soap refill indicator LED light will flash red.



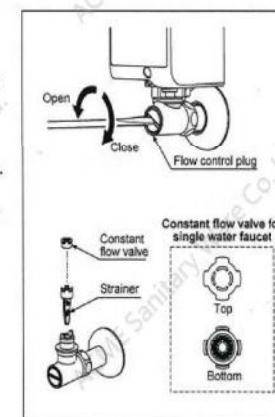
Before Using the Product

Name of LED light	Colour	Status	Meaning
Operation indicator LED light	Green	Lit	Normal operation
		Flashing	Cleaning mode
		Off	No power supply
Liquid soap refill indicator LED light	Red	Flashing	Liquid soap remaining for 60 uses
		Lit	No liquid soap remaining (foam will not be dispensed)
		Off	Normal operation

② Adjusting the flow rate

Adjusting the water volume

- Turn the flow control plug to adjust the flow rate.
- Open the flow control plug completely.
- ※As the constant flow valve is built in for saving water, a flow rate of more than a specific amount (5L/min) is not possible.
- ※If the water pressure onsite is low, and the flow rate is insufficient, remove the constant flow valve and adjust the flow rate using the flow control plug.
- ※Estimating the flow rate: Please adjust such that the water comes out to 30 mm from the centre of the drainage port.



③ Refilling the liquid soap

Remove the liquid soap refill port cover and press the cleaning mode button for more than 1 second.

※The operation indicator LED light will flash and all operations will stop for about 3 minutes.

<Method for refilling the liquid soap>

Pull out the liquid soap refill port and refill the liquid soap.
The capacity of the liquid soap tank is about 4L.
The tank is at full capacity if a large amount of foam comes out from the liquid soap refill port. Please immediately stop adding liquid soap.
Please check that the liquid soap refill indicator LED light is off after the liquid soap has been refilled.

[Designated liquid soap]

※Please do not use the liquid soap diluted. It can cause blockage.

Manufacturer name	Product name
Saraya	Smart San H-1



If bubbles overflow, please remove the liquid soap refill port as shown in the figure on the right and wash it with water.

When you are done, press the cleaning mode button again for more than 1 second. It returns to normal mode.

※After 3 minutes, it automatically returns from cleaning mode to normal mode.

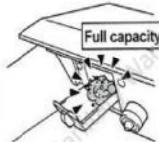
Remove the liquid soap refill port as shown in the figure on the right.

※When attaching the cover, attach it such that it does not cover the sensor for liquid soap.

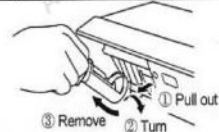
Method for Removing the Liquid Soap Refill Cover



Method for refilling the liquid soap



Method for Removing the Liquid Soap Refill Cover



Method for Attaching the Liquid Soap Refill Cover



Before Using the Product

④ Electric water heater

Please refer to pages 5-9 "Precautions for use (initial use)" of the users' manual for the electric water heater for the checks prior to using the electric water heater.

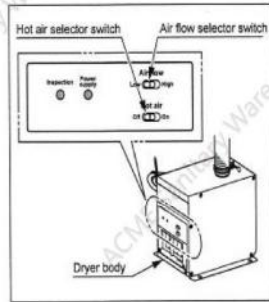
CAUTION

- If the amount of liquid soap is small and liquid soap does not discharge when the LED light is lit, please refill the liquid soap until the LED light turns off.
- If liquid soap is refilled when it is at full capacity, foam may not be discharged despite the liquid soap being at full capacity. In that case, the liquid soap is flowing poorly and has pooled in the liquid soap refill port. When that happens, the liquid soap is at full capacity; please detach the refill port and discard the pooled soap.
- Please use a clean container for refilling. It is convenient to use a plastic bottle or a commercially-available supply tank. Do not use the empty container for organic solvents (such as thinner) or detergents, as it may cause malfunction or abnormality.
- Avoid using disinfectants such as cresol. It may cause malfunction or cause the foam to discharge improperly.
- Be sure to use the designated liquid soap. It can cause malfunction if the other liquid soap is used.
- Please do not use the liquid soap diluted. It can cause malfunction or cause the foam to discharge improperly if the liquid soap diluted is used.
- Refill the liquid soap slowly. It may overflow if it is filled too quickly.

Before Using the Product

⑤ Switching the dryer operation mode

Toggle the operation mode as necessary using the air flow selector switch and heater selector switch.



Before Using the Product

Name of switch	Mode	Purpose of Use (Indicative)
Air flow selector switch	High	To quicken the drying process
	Low	To avoid the loud operating sound when the mode is set to "High"
Hot air selector switch	On	To get warm air during winter, etc To feel that the hands are properly dried
	Off	To reduce power consumption

※When shipped from the factory, the settings are at "Air flow: High" and "Hot air: On".

● The approximate power consumption for the mode combinations are as shown in the table on the right.

	Heater: On	Heater: Off
Air flow: High	840W	460W
Air flow: Low	570W	200W

※The power consumption during standby is about 2W.

	Name	Color	Status	Meaning
Dryer body LED light	Power supply	Red	Lit	Normal operation
			Off	No power supply
	Inspection		Flashing	Heater malfunction
			Off	Normal operation

● Usage Method

This washbasin is a multi-function washbasin that detects the extended hands of a user and automatically performs [foam-type soap discharge], [water discharge], and [drying].

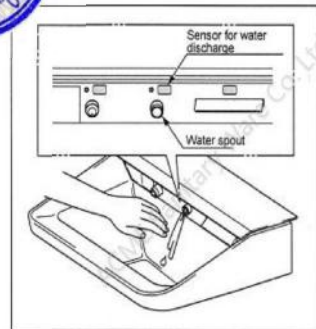
■ Starting and stopping the discharge

- When a hand is extended below the liquid soap discharge outlet, the sensor detects it and a specific amount is discharged. To discharge soap again, retract the hand and extend it again.



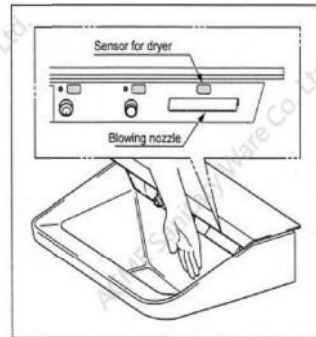
■ Discharge

- When a hand is extended below the water spout, the sensor detects it and discharges water. When the hand is retracted, it will stop after about 1 second.
 - ※ To prevent mischief, after continuously discharging water for about 30 seconds, the water will automatically stop discharging. Retract the hand and extend it again to resume.



■ Drying

- When a hand is extended in front of the blowing nozzle, the sensor detects it and air is discharged. When the hand is retracted, it will stop after about 1 second.
 - ※ To prevent mischief, after continuous operation for about 60 seconds, the air will stop discharging automatically. Retract the hand and extend it again to resume.



● How to dry hands

① Align both hands, straighten the fingers, and with the back of the hands facing up, insert them in line with the inside edge of the washbasin facing you.

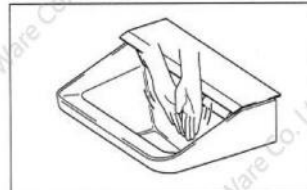
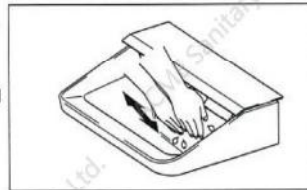
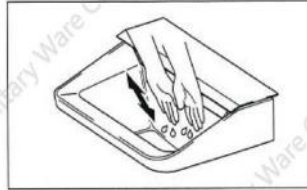
② As the air is discharged, slowly retract your hands in line with the inside edge of the washbasin.

③ Next, turn your hands so that the palms are facing up, and repeat ①~②.

※The hands will dry more quickly if the palms are brought as close to the blowing nozzle as possible.

④ Repeat ① to ③ several times.

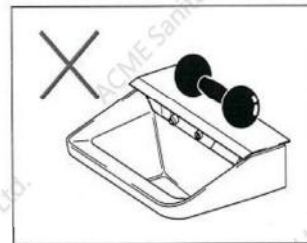
⑤ Finish by rubbing the hands together.



Usage Method

■ Shelf

● The allowable load of the shelf is 5 kg. Do not place heavy objects or put your hands on the shelf and place your weight on it.



■ Precautions when pouring water into the washbasin

● Be sure to switch to "Cleaning Mode" (page 9) before washing dust cloths or throwing water from a bucket. Otherwise, it may cause malfunction.

■ Electric water heater

● Please refer to page 7 "Usage Method" of the users manual for the electric water heater for the usage method.

● Care for the Product

■ Press the "Cleaning Mode" button before cleaning.

When cleaning, remove the liquid soap refill port cover, and press the cleaning mode button for more than 1 second. (Refer to page 9)

The operation indicator LED light will flash green and all operations will stop for about 3 minutes, so you can carry out the cleaning smoothly. (The LED will light up after 3 minutes and the operation will automatically return to normal mode. To return to normal mode in less than 3 minutes, press the cleaning mode button again for more than 1 second.)

You can use the discharge button to discharge water from the faucet for cleaning.

Be sure to attach the liquid soap refill cover after cleaning.

■ Care for the Product

● Wipe off dirt using a tightly-wrung wet cloth. For stubborn dirt, wipe using a cloth dampened with a diluted neutral detergent. Then, wipe with a tightly-wrung wet cloth.

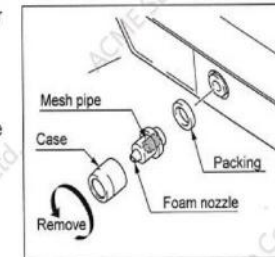
● Do not use the following items that may damage the surface of the product.

- Detergent containing particles such as cleanser or polishing powder
- cidic detergent, alkaline detergent, or chlorine bleach
- Nylon scourer, or brush etc.
- Solvents such as thinner or benzene

■ Cleaning the liquid soap foam nozzle

● If dirt is stuck to the surface of the foam nozzle or mesh pipe, the liquid soap may not discharge.

- ① Press the cleaning mode button for 1 second.
- ② Turn the case anti-clockwise by hand and remove the foam nozzle from the main body.
- ③ Wash the mesh pipe contained within, and the foam nozzle with water.



⚠ CAUTION

※ Be sure to carry out the cleaning with the water cut off. It may cause leakage of liquid soap into the inside of the foam discharge outlet.

※ Do not rub the mesh part strongly. It could cause the mesh to tear and the foam to form improperly.

※ After cleaning, tighten the case firmly.

If the case is not tightened firmly, it may cause the liquid soap to leak.

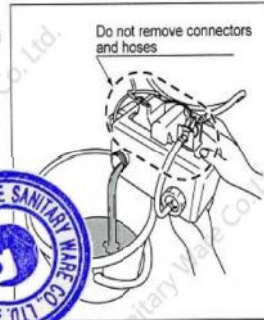
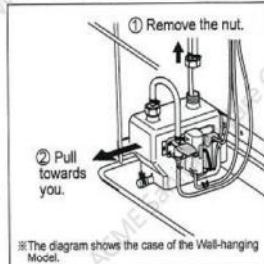
■ Cleaning the liquid soap tank (about once a month)

- When cleaning the liquid soap tank, remove the liquid soap refill nut and pull the tank towards you.
- ※ Do not remove anything other than the liquid soap refill nut.

⚠ CAUTION

※ When removing the liquid soap refill nut, note that the liquid soap may leak to the floor.

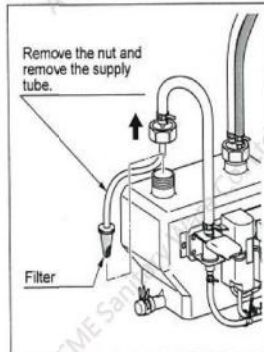
- Prepare a bucket, rinse the inside of the tank with water, then pour the water into the bucket and wash the tank.
- ※ When pouring the water away, do not pull strongly on the cables and hoses. It may cause malfunction or leakage of the liquid soap.



Before Using the Product

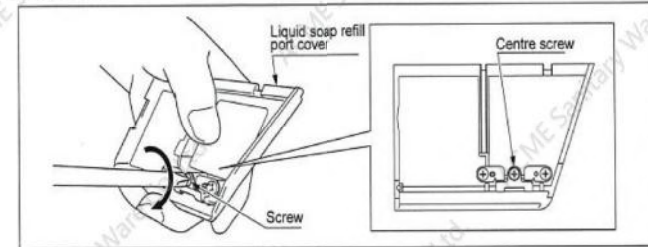
■ Cleaning the liquid soap refill tube filter (about once a month)

- Remove the supply nut from the liquid soap tank and clean the filter attached to the end of the supply tube.



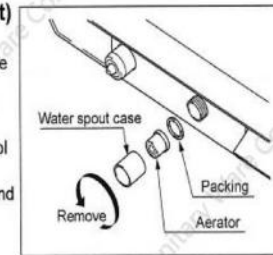
■ Refilling the liquid soap and removing and attaching the liquid soap refill port cover

- Refer to page 8.
- To tighten the liquid soap refill port cover firmly, tighten the screw at the centre of the refill port cover.



■ Cleaning the water faucet (water spout) and adjusting the flow rate

- Dirt or deposits on the surface of the aerator of the water spout will cause the flow to be irregular. Follow the steps below to remove and clean the aerator.
- ① Pull out the power cord or close the flow control plug.
- ② Turn the water spout case anti-clockwise by hand and remove it.
- ③ Clean the aerator.

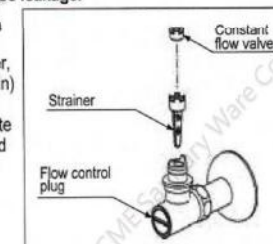


Care for the Product

⚠ CAUTION

- ※ Be sure to carry out the cleaning with the water cut off. It may cause water leakage into the inside of the spout.
- ※ Wipe off dirt on the aerator using a soft cloth dampened with water. For stubborn dirt, wipe using a cloth dampened with a diluted neutral detergent.
- ※ After cleaning, replace the aerator and packing inside the case and tighten firmly. If the case is not tightened firmly, it may cause leakage.

- If the amount of water discharged decreases with use, clean the strainer. As the constant flow valve is built in for saving water, a flow rate of more than a specific amount (5L/min) is not possible. Also, if the water pressure is low, and the flow rate is insufficient, remove the constant flow valve and adjust the flow rate using the flow control plug.



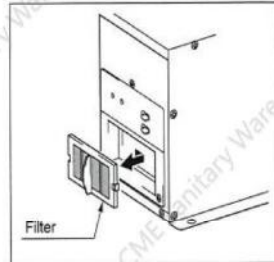
⚠ CAUTION

- ※ Be sure to carry out the work with the water cut off.

■ Cleaning the dryer filter (about once a month)

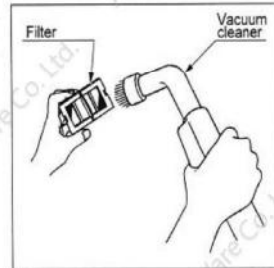
- As dust and debris build up on the filter, the air flow may decrease or the safety devices make the dryer stop. Clean the filter on a regular basis. In addition, the filter may be replaced using the same steps.

- ① Pull the filter towards you while shifting it to one side.

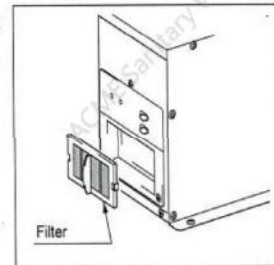


- ② Please remove the dust using a vacuum cleaner. For stubborn dirt, wash with water and a kitchen detergent (neutral detergent) and dry well in the shade.

※ If a vacuum cleaner is not used, remove the dust using a brush etc.



- ③ After cleaning, attach the hook on one side of the filter to the dryer main body and push the hook portion on the opposite side until it clicks and the filter is securely attached to the main body.



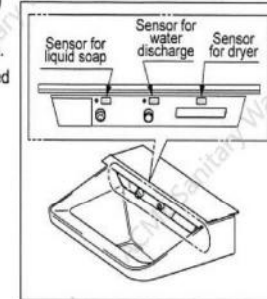
Before Using the Product

■ Toggling the air flow and heater modes

- Refer to page 11

■ Cleaning the sensor for water discharge, sensor for liquid soap, and sensor for dryer (about once a month)

- Dirt on the sensor may cause sensor failure or malfunction. Clean it regularly with a dry soft cloth.
- For stubborn stains, wipe off using a cloth dampened with an appropriately diluted neutral detergent.

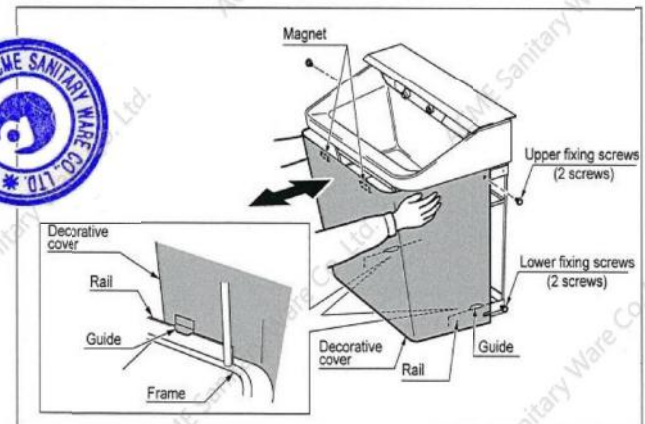


⚠ CAUTION

- ※ Be careful not to damage the sensor surface. It may cause failure or malfunction.

■ Attaching and removing the decorative cover (in the case of the Wall-hanging model)

- To remove the decorative cover, remove the fixing screws (4 screws) and pull it directly towards you using both hands.
 - When installing the decorative cover, attach the lower two fixing screws to the frame about halfway. Place the guide on the back of the decorative cover on the rail of the frame, push the cover horizontally until its magnet sticks to the frame, then hang it on the lower two fixing screws.
- Fix the decorative cover using the fixing screws (4 screws) while lifting it up to close the gap between the decorative cover and the washbasin.



■ Electric water heater

- For cleaning the electric water heater, refer to the page 9 "Regular Inspection" of the users manual for the electric water heater.

● Requesting Inspection or Repair

⚠ WARNING

Do not try to open or repair the product on your own. Do not make modifications or install additional items. Repairs must only be performed with original replacement parts and accessories by authorized maintenance personnel. Improper installation and maintenance work or repairs can create substantial hazards to the user.

※ Doing so may cause injury.



DISASSEMBLY PROHIBITED

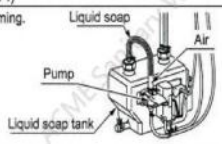
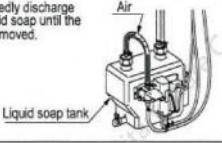
■ Please check the following points during malfunction.

- Before requesting repair, please confirm the following items. If there is an attached electric water heater, please also refer to page 11 "Troubleshooting" of the users manual for the electric water heater.

Malfunction	Check	Treatment
Does not discharge water	Is the flow control plug open?	Open the flow control plug. (Page 8)
	Is the solenoid valve cord inserted in the solenoid valve?	Insert the solenoid valve cord into the solenoid valve.
	Is there a water supply outage?	Please wait until it recovers.
	Is there a power outage?	Please wait until it recovers.
	Is there dirt etc attached to the strainer or aerator?	Remove the dirt etc. (Page 16)
	Is the surface of the infrared sensor dirty?	Clean with a soft cloth. (Page 18)
	Is the power plug disconnected from the electrical outlet?	Insert the power plug into an electrical outlet.
	Please remove the plug from the electrical outlet and reinsert it after 1 minute.	
After checking the above, if the water still does not discharge, please turn off the flow control plug and contact customer care.		
Water spout section Water leaks from the base of the water spout	Is the foam spout nozzle securely tightened?	Ensure that the foam spout nozzle is securely tightened. (Page 16)
	Is the flow control plug fully open?	Open the flow control plug completely. (Page 8)
Flow rate is low	Is there dirt etc attached to the strainer or aerator?	Remove the dirt etc. (Page 16)
	Is the water pressure low?	Remove the constant flow valve and adjust the flow rate with the flow control plug. (Page 16)
Flow rate is high	Has the constant flow valve inside the strainer been removed?	Please set the constant flow valve correctly. (Page 16)
Does not stop discharging water	Is there something blocking the sensor?	Remove the object(s).
	Is the surface of the sensor dirty?	Wipe off the dirt. (Page 18)
After checking the above, if the water still does not stop discharging, please turn off the flow control plug and contact customer care.		
Does not discharge hot water immediately	Is there a power outage?	Please wait until it recovers.
	Is the power supply circuit breaker tripped?	Please turn on the circuit breaker.
	Is the plug removed from the electrical outlet?	Insert the power plug securely into an electrical outlet.
Current indicator lamp does not light up	Is the power switch for the equipment set to "Off"?	Please set the power switch to "On".
	The safety device to prevent heating with an empty tank is activated.	Please reset the safety device.

Before Using the Product

■ Requesting Inspection or Repair

Malfunction	Check	Treatment
Water spout section It is leaking	Is the body of the electric water heater leaking?	Please contact customer care.
	Is the piping connection leaking?	Please tighten any loose sections.
	Is the drainage set overflowing?	Please clean the water spout.
Water spout section The hot water is dirty The hot water smells	Is the inside of the tank dirty?	Please clean the inside of the tank.
	Unable to refill	Is the liquid soap refill hose broken or bent to form a trap?
Liquid soap discharge outlet section Does not discharge	Is there a power outage?	Please wait until it recovers.
	Is the power supply circuit breaker tripped or the fuse blown?	Repair the circuit breaker and/or fuse.
	Is the power plug disconnected from the electrical outlet?	Insert the power plug into an electrical outlet.
	Is the tank cord disconnected?	Connect the tank cord.
	Is the surface of the infrared sensor dirty?	Clean with a soft cloth. (Page 18)
	Is there liquid soap in the tank?	Refill the liquid soap. (Page 9)
	Is the liquid soap tube disconnected?	Connect liquid soap tube.
	Is the protective cap of the liquid soap tank attached?	Remove the protective cap.
	Is the discharge opening jammed?	Wash with water and remove the blockage. (Page 14)
	Is there air trapped in the liquid soap hose?	Add priming. 
Please remove the plug from the electrical outlet and reinsert it after 1 minute.		
After checking the above, if the soap still does not discharge, please contact customer care.		
Liquid soap does not foam properly	Is the discharge opening jammed?	Wash with water and remove the blockage. (Page 14)
	Did air get inside the liquid soap hose?	Repeatedly discharge the liquid soap until the air is removed. 
Does not stop discharging	Is there something blocking the sensor?	Remove the object(s).
	Is the surface of the sensor dirty?	Wipe off the dirt. (Page 18)
After checking the above, if the soap still does not stop discharging, please contact customer care.		

Malfuction	Check	Treatment
Does not discharge	Is there a power outage?	Please wait until it recovers.
	Is the power supply circuit breaker tripped or the fuse blown?	Repair the circuit breaker and/or fuse.
	Is the power plug disconnected from the electrical outlet?	Insert the power plug into an electrical outlet.
	Are the connectors disconnected?	Connect the connectors.
	Is the surface of the infrared sensor dirty?	Clean with a soft cloth. (Page 18)
	Is the filter jammed?	Remove the blockage using a needle or the like. (Page 17)
	Please remove the plug from the electrical outlet and reinsert it after 1 minute.	
After checking the above, if the air still does not discharge, please contact customer care.		
Does not stop discharging	Is there something blocking the sensor?	Remove the object(s).
	Is the surface of the sensor dirty?	Wipe off the dirt. (Page 18)
	After checking the above, if the air still does not stop discharging, please contact customer care.	
The inspection lamp is blinking	Please remove the plug from the electrical outlet and reinsert it after 1 minute. If the light continues blinking, please contact customer care.	

If the issue is not resolved after performing the above actions, please remove the plug from the electrical outlet and contact the installer (or customer care).

Requesting Inspection or Repair

Specifications

Specifications Table

Counter Model Specifications

Product code	L-C11A3	L-C11A2	L-C11A1	L-C11W3	L-C11W2	L-C11W1
Model	Counter Model					
	Dryer function and Liquid soap function	Dryer function	Liquid soap function	Dryer function and Liquid soap function	Dryer function	Liquid soap function
	Without electric water heater			With electric water heater		
Product dimensions (boiler section) (W×D×H)	565mm×475mm×140mm					
Rating	AC100V 50/60Hz					
Rated power consumption	840W		15W	1,250W (Jet Bowl: 840W and electric water heater: 410W)		435W (Jet Bowl: 15W and electric water heater: 410W)
Power supply specification	Power cord type with electrical plug (effective length 1m)					
Operating power range	Single water faucet: 0.05~0.75MPa			Single water faucet: 0.07~0.75MPa		
Water supply connection	R1/2					
Drainage connection	Wall drainage / Floor drainage: φ25mm brass pipe ※ Water drainage fittings to be separately arranged					
Sensing method	Infrared range sensor					
Washbasin	Standard colours: BW1 and BN8 Colours available on order: BU8, 9B7 and LR8					
Wall trap cover	—					
Water discharge form	Foam					
Water discharge volume	5L/minute (with constant flow valve)					
Wind speed	Windspeed 105m/s			Windspeed 105m/s		
Drying time	6~9 seconds (with Air flow: High, heater: On)			6~9 seconds (with Air flow: High, heater: On)		
Switching modes	Air flow (High - Low) Heater (ON - OFF)			Air flow (High - Low) Heater (ON - OFF)		
Discharge form	Foam			Foam		
Discharge volume	About 2.0ML/time			About 2.0ML/time		
Tank capacity	About 4.0L (2000 times' worth)			About 4.0L (2000 times' worth)		
Liquid soap refill port	Inside the washbasin functional section			Inside the washbasin functional section		
Washbasin section	About 20kg			About 20kg		
Product weight	About 9kg (with liquid soap dispenser at full capacity)			About 12kg (with liquid soap dispenser and electric water heater at full capacity)		
Safety system	Overcurrent fuse, automatic reset type thermal thermostat, thermal fuse			Overcurrent fuse, automatic reset type thermal thermostat, thermal fuse		
Operating temperature range	5~40°C					
Main stop system: electric water heater				Rated AC 100V, water temperature 38°C, boiling temperature about 76°C, boiling time about 30 minutes (15°C ~ 75°C), tank capacity 2.7L. Other mechanisms: water overflow management mechanism		

Specifications



● Wall-hanging Model Specifications

Product code	L-C21A3	L-C21A2	L-C21A1	L-C21W3	L-C21W2	L-C21W1
Model	Well-hanging Model					
Electric water heater	Without electric water heater		With electric water heater			
Product dimensions (pottery section) (W×D×H)	565mm×475mm×140mm					
Rating	AC100V 50/60Hz					
Rated power consumption	340W	15W	1.250W (Jet Bowl: 640W and electric water heater: 410W)	1.250W (Jet Bowl: 640W and electric water heater: 410W)	425W (Jet Bowl: 15W and electric water heater: 410W)	425W (Jet Bowl: 15W and electric water heater: 410W)
Power supply specification	Power cord type with electrical plug (effective length 1m)					
Operating power range	Single water faucet: 0.05~0.75MPa		Single water faucet: 0.07~0.75MPa		Single water faucet: 0.07~0.75MPa	
Water supply connection	R1/2					
Drainage connection	Wall drainage: φ25mm brass pipe Water drainage fittings to be separately arranged					
Sensing method	Infrared range sensor					
Washbasin	Standard colours: BW1 and BW3 Colours available on order: BU8, BR7 and LR8					
Wall trap cover	White, black (2 colours)					
Water discharge form	Foam					
Water discharge volume	5L/minute (with constant flow valve)					
Hot air drying	Windspeed 105m/s		Windspeed 105m/s		Windspeed 105m/s	
Drying time	6~9 seconds (with Air flow: High, heater: On)		6~9 seconds (with Air flow: High, heater: On)		6~9 seconds (with Air flow: High, heater: On)	
Switching modes	Air flow [High - Low] Heater [ON - OFF]		Air flow [High - Low] Heater [ON - OFF]		Air flow [High - Low] Heater [ON - OFF]	
Discharge form	Foam		Foam		Foam	
Liquid soap discharge	About 2.0ML/time		About 2.0ML/time		About 2.0ML/time	
Tank capacity	About 4.0L (2000 times worth)		About 4.0L (2000 times worth)		About 4.0L (2000 times worth)	
Liquid soap refill	Inside the washbasin (functional section)		Inside the washbasin (functional section)		Inside the washbasin (functional section)	
Washbasin section	About 20kg		About 20kg		About 20kg	
Product weight	About 19kg (with liquid soap dispenser at full capacity)		About 15kg (with liquid soap dispenser at full capacity)		About 22kg (with electric water heater at full capacity)	
Safety system	Overcurrent fuse, automatic reset type thermal, thermal fuse		Overcurrent fuse		Overcurrent fuse, automatic reset type thermal, thermal fuse	
Operating temperature range	5~40°C					
Main body system electric water heater	Rated AC 100V, water temperature 38°C, boiling temperature about 76°C, boiling time about 30 minutes (15°C → 76°C), tank capacity 2.7L, power plug (effective length 0.3m) Other mechanisms: water overflow management mechanism					



Specifications