





PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			Page	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Stern (Israel) "Swan SD" Chrome plated liquid soap dispenser with built-in sensor in AC Supply with 5m wire AC 110-240 Vac 50/60Hz to 12V 2.5A IP68 waterproof switching transformer	<div>Illustration/ Drawing</div> 												
Dimensions	Height = 118 mm													
Model	Swan Soap Dispenser E													
Code Number	250910													
Finish	Chrome Plated													
Supplier	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													
SWAN SOAP DISPENSER E Ref # 250910 Touch free electronic soap dispenser for deck mounted installations. Activated by infrared sensor. Chrome plated body, other finishes available. Includes a 1 liter soap bottle and bottle support. Optional for remote installation: extension cable and longer piping. The following functions can be performed by using Stern remote control: soap quantity selection, refill the soap tank, temporary off, coming back to factory settings.														
Application: Closing automatically without dripping, Stern's touch free soap dispenser helps to ensure that the bathroom will stay organized and neat. Combined with Swan touch free electronic faucet, it creates a germ-free and automated environment.		<div> Installation: Lavatory mounted</div> <div> Power source: 12 V transformer</div> <div> Stern Soap & Water: Swan matching faucet</div> <div> Default soap dosage: 1.4 cc</div> <div> Soap viscosity: 100-3800 cPs</div>												
Use: Touch free electronic soap dispenser. The soap dispenser is activated automatically when the users bring their hands within the sensor range and stops when the users remove their hands.														
<table><tr><th colspan="2">PRODUCT AT A GLANCE</th></tr><tr><td>Installation</td><td>Deck-mounted</td></tr><tr><td>Power Supply</td><td><ul style="list-style-type: none">9V battery12V transformer</td></tr><tr><td>Soap</td><td>1 Liter soap bottle. Peristaltic pump enables the use of any kind of liquid soap, detergent or antibacterial gel</td></tr><tr><td>Soap Dose</td><td>Default setting: 1.2-1.6 cc Adjustable by remote control in accordance to the selected soap.</td></tr><tr><td>Refill</td><td>Soap priming operated by remote control or by easy-to-use manual refill button</td></tr></table>			PRODUCT AT A GLANCE		Installation	Deck-mounted	Power Supply	<ul style="list-style-type: none">9V battery12V transformer	Soap	1 Liter soap bottle. Peristaltic pump enables the use of any kind of liquid soap, detergent or antibacterial gel	Soap Dose	Default setting: 1.2-1.6 cc Adjustable by remote control in accordance to the selected soap.	Refill	Soap priming operated by remote control or by easy-to-use manual refill button
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Installation:

Lavatory mounted



Power source:

12 V transformer



Stern Soap & Water:

Swan matching faucet



Default soap dosage:

1.4 cc



Soap viscosity:

100-3800 cPs





Acme Sanitary Ware Co. Ltd.

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

Tel: 2388 7171 Fax: 2710 8012

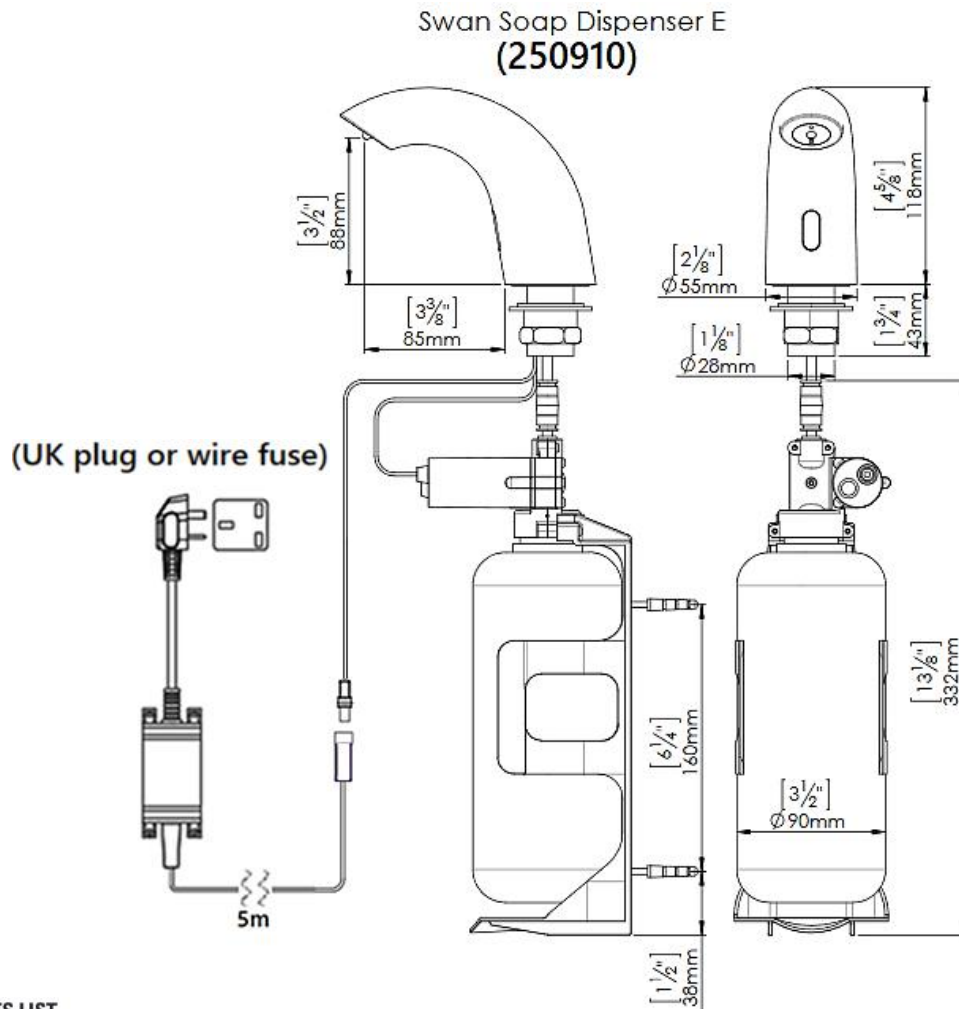
Email: acme@acmesanitary.com.hk

Website: www.acmesanitary.com.hk

stern

PROJECT		REF		REV	ITEM CODE	
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SPARE PARTS LIST



SPARE PARTS LIST

Sensor Kit	07220072
Soap Tank 1L	07100020
Transformer	06522042
Soap dispenser pump assembly	07222001
Remote control	07100008
IP68 Transformer box	TBC
Bottle support 1 L	07120175

Note: In order to locate the relevant spare part, please check the corresponding parts and part number in the drawing. Minimum order quantity will be required.

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



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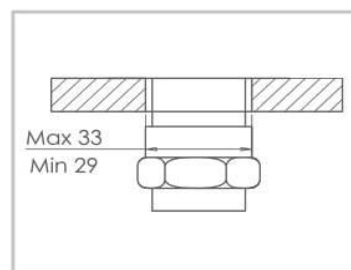
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INSTALLATION

Step 1 – Remove all mounting hardware

Remove the nut, disk and gasket from the base of the soap dispenser body.



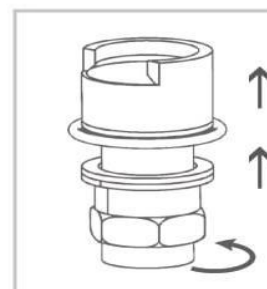
Recommended hole size

Step 2 – Installing the soap dispenser

1. Place the soap dispenser body into the hole in the deck or lavatory.



2. Slide the disk, gasket and nut over the soap dispenser body nipple and secure it.





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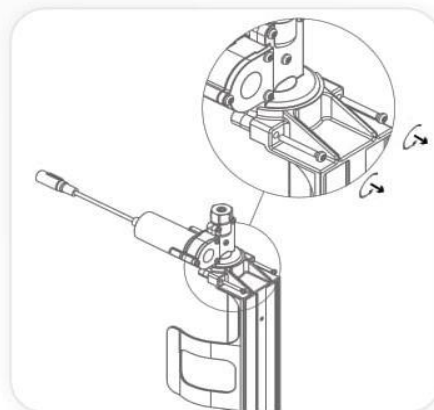
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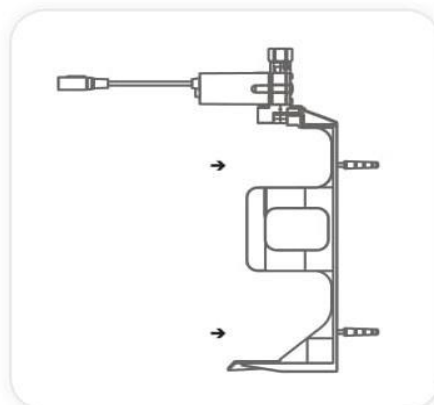
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INSTALLATION

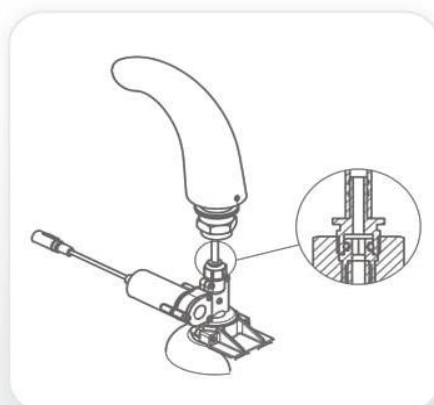
3. If you would like to install the soap dispenser without using the supplied bottle support, disassemble the pump from the body support by unscrewing the two adjoining screws and proceed to step 5.



4. Fix the bottle support to the desired location.



5. Assemble the tube from the pump to the soap dispenser.





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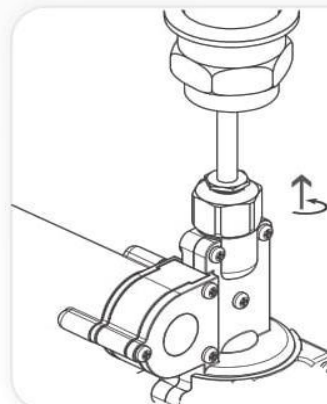
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INSTALLATION

6. Screw in the nut at the top of the soap dispenser pump assembly to the soap dispenser body nipple.



Step 3 - Connecting the power source

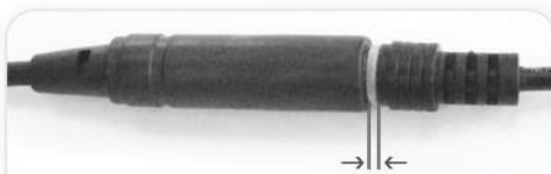
1. Remove the protective sticker covering the sensor. Keep away from the sensor range.



2. a. Connect the motor connector to the power source connector. Please note that since the connector is water proof, some friction might apply.

Important: the 4 contacts connector should be connected properly so that the semi white o-ring is not visible and a clicking sound is heard.

Pay attention: If the 4 contacts connectors will not be connected properly, the motor will work continuously.



O-ring visible – not connected properly



Connected properly
so that only the grooves are visible



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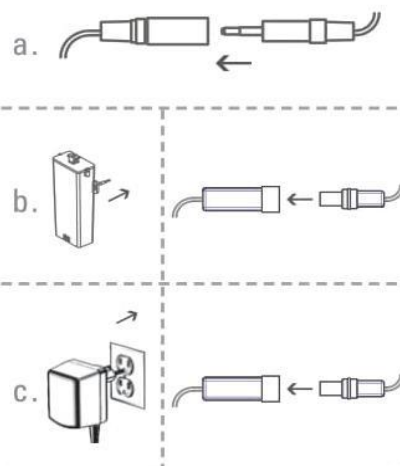
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INSTALLATION

b. For battery versions: install the battery box at the wall underneath the sink and connect the battery connector

c. For transformer versions: plug the transformer into the electricity socket and connect the transformer connector



3. Wait about 10 seconds before you put your hands within the sensor range.



10
seconds





TROUBLE SHOOTING

PROBLEM	INDICATOR	CAUSE	SOLUTION
No soap coming out of the spout	Red light in the sensor flashes continuously when the user's hands are within the sensor's range.	Low battery.	Replace battery.
		Soap has run low or completely out.	Refer to page 4 and refill the soap tank.
	Red light in the sensor flashes (once) and the motor is operating.	The soap tank has been filled but soap has not reached the spout.	Press the refill button located at the bottom of the pump until soap starts to come out of the spout again.
		The connectors between the motor and the power source are not connected properly.	Connect the connectors properly so that the white o-ring is not visible. Refer to page 7 to see how.
		Sensor is picking up reflections from the washbasin or another object.	Eliminate cause of reflection.
	Red light in the sensor does not flash (once) when user's hands are within the sensor's range.	Connectors between the electronic unit and the pump assembly \ transformer are disconnected or not properly connected.	Connect the electronic unit connectors to the pump assembly and transformer.
		Battery is completely used up.	The battery must be replaced.
	Red light flashes (once) and the motor operates.	Soap solidification at the pipe.	Fill the bottle with hot water at 50/60C and run the pump constantly.
Soap coming out from the spout does not stop		The black connectors between the pump assembly and soap dispenser are not connected properly.	Connect the connectors properly so that the white o-ring is not visible. Refer to page 7 to see how.