



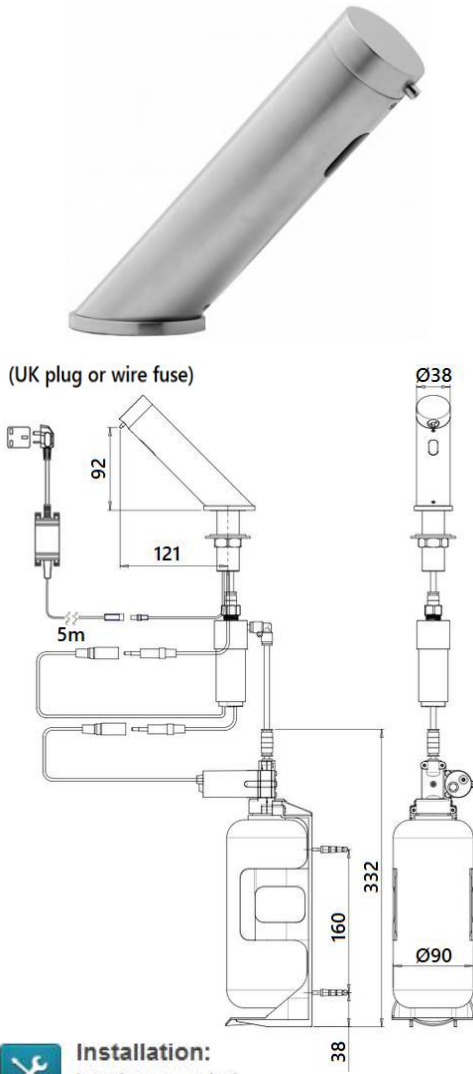













Acme Sanitary Ware Co Ltd

Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
 Tel: 2388 7171 Fax: 2710 8012
 E-mail: acme@acmesanitary.com.hk
 Website: www.acmesanitaryware.com.hk



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			Page	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Stern (Israel) "Green Foam SD" Chrome plated foam 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	Illustration/ Drawing																										
Dimensions	L121 x W38 x H126 mm																											
Model	Green Foam Soap Dispenser E																											
Code Number	225842																											
Finish	Chrome Plated																											
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen (852) 2388-7171 / (852) 2710-8012																											
Contact Tel/Fax	acme@acmesanitary.com.hk																											
E-mail	www.acmesanitary.com.hk																											
Website	www.acmesanitary.com.hk																											
GREEN FOAM SOAP DISPENSER E Ref # 225842 Touch free electronic soap dispenser for foaming non proprietary soap. 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, air amount for more foam ability, priming fill of the soap tank, temporary off, coming back to factory settings.																												
Application: Providing the perfect "foamability", Stern's touch free foam soap dispenser helps to ensure that the bathroom will stay organized and neat. Combined with Trendy touch free electronic faucet, it creates a germ-free and automated environment.																												
Use: Touch free electronic foam 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 SPECIFICATION</th></tr><tr><td>Power supply</td><td>6D Alkaline battery*, plug-in transformer, output : 12 VDC 0.5A, or hardwired (1A/2.5A)</td></tr><tr><td>Soap:</td><td>non-proprietary, viscosity up to 3800 cP for liquid soap. Up to 100 cP for foam</td></tr><tr><td>Tank capacity:</td><td>33.8 oz (1L) bottle or 203 oz (6L) Tank/Bracket</td></tr><tr><td>Soap adjustability:</td><td>from 0.02 oz (0.7 ml) to 0.08 oz (2.3 ml)</td></tr><tr><td>Accessory</td><td>07100008 remote control for soap dispenser 07100009 remote control for foam dispenser</td></tr><tr><td>Detection range:</td><td>+/- 4"</td></tr><tr><td>Dispenser hole diameter</td><td>1" ~ 1-1/8" (25~29 mm)</td></tr><tr><td colspan="2">Spare parts recommended:</td></tr><tr><td>07220279</td><td>10-pack sensor kit</td></tr><tr><td>07222013</td><td>soap dispenser pump (liquid soap version)</td></tr><tr><td>07222026</td><td>pump + compressor kit (foam soap version)</td></tr><tr><td>06522080</td><td>12 V transformer</td></tr></table> <p>*batteries are not supplied</p>			PRODUCT SPECIFICATION		Power supply	6D Alkaline battery*, plug-in transformer, output : 12 VDC 0.5A, or hardwired (1A/2.5A)	Soap:	non-proprietary, viscosity up to 3800 cP for liquid soap. Up to 100 cP for foam	Tank capacity:	33.8 oz (1L) bottle or 203 oz (6L) Tank/Bracket	Soap adjustability:	from 0.02 oz (0.7 ml) to 0.08 oz (2.3 ml)	Accessory	07100008 remote control for soap dispenser 07100009 remote control for foam dispenser	Detection range:	+/- 4"	Dispenser hole diameter	1" ~ 1-1/8" (25~29 mm)	Spare parts recommended:		07220279	10-pack sensor kit	07222013	soap dispenser pump (liquid soap version)	07222026	pump + compressor kit (foam soap version)	06522080	12 V transformer
PRODUCT SPECIFICATION																												
Power supply	6D Alkaline battery*, plug-in transformer, output : 12 VDC 0.5A, or hardwired (1A/2.5A)																											
Soap:	non-proprietary, viscosity up to 3800 cP for liquid soap. Up to 100 cP for foam																											
Tank capacity:	33.8 oz (1L) bottle or 203 oz (6L) Tank/Bracket																											
Soap adjustability:	from 0.02 oz (0.7 ml) to 0.08 oz (2.3 ml)																											
Accessory	07100008 remote control for soap dispenser 07100009 remote control for foam dispenser																											
Detection range:	+/- 4"																											
Dispenser hole diameter	1" ~ 1-1/8" (25~29 mm)																											
Spare parts recommended:																												
07220279	10-pack sensor kit																											
07222013	soap dispenser pump (liquid soap version)																											
07222026	pump + compressor kit (foam soap version)																											
06522080	12 V transformer																											
<table><tr><td></td><td>Installation: Lavatory mounted</td></tr><tr><td></td><td>Power source: 12 V transformer</td></tr><tr><td></td><td>Stern Soap & Water: Green matching faucet</td></tr><tr><td></td><td>Soap viscosity: up to 100 cPs</td></tr></table> 				Installation: Lavatory mounted		Power source: 12 V transformer		Stern Soap & Water: Green matching faucet		Soap viscosity: up to 100 cPs																		
	Installation: Lavatory mounted																											
	Power source: 12 V transformer																											
	Stern Soap & Water: Green matching faucet																											
	Soap viscosity: up to 100 cPs																											

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



Acme Sanitary Ware Co Ltd

Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
Tel: 2388 7171 Fax: 2710 8012
E-mail: acme@acmesanitary.com.hk
Website: www.acmesanitaryware.com.hk

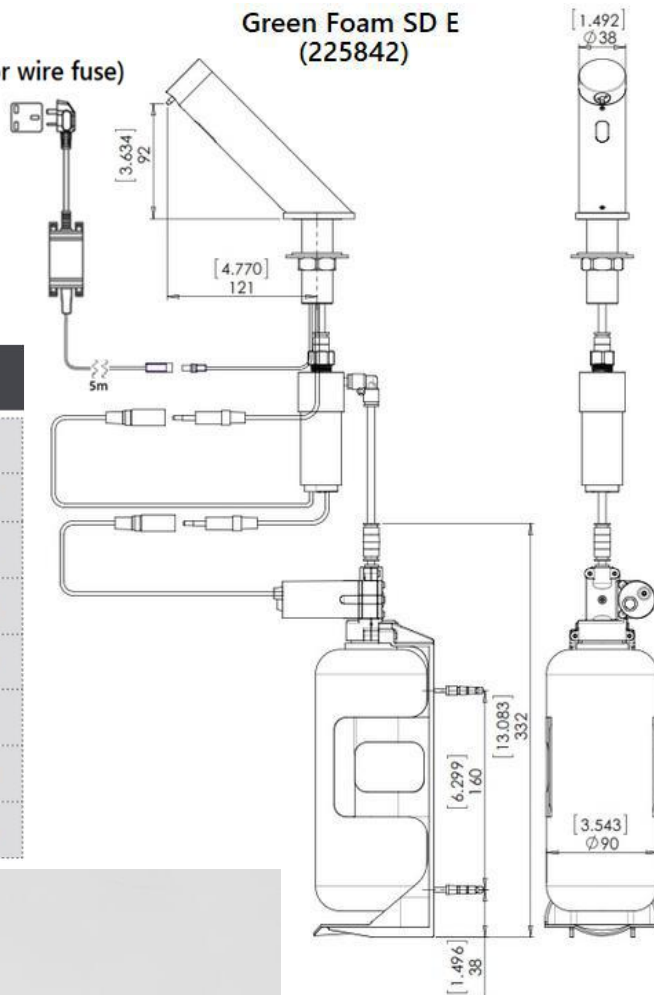
stern

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SPARE PARTS LIST

Green Foam SD E (225842)

(UK plug or wire fuse)



SPARE PARTS LIST

SEALS & SCREWS KIT GREEN SD	07210143
10-PACK SENSOR KIT GREEN SD	07220303
SOAP DISPENSER PUMP ASSEMBLY	07222028
6-PACK SOAP BOTTLE 1L	07100035
6-PACK SOAP BOTTLE 1L SUPPORT KIT	07100037
12V SWITCHING TRANSFORMER (EU)	TBC
REMOTE CONTROL FOR SOAP DISPENSER (OPTIONAL)	07100008
SOAP & WATER REMOTE CONTROL (OPTIONAL)	07100014

GREEN SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- 100% heavy-duty one piece brass body
- IR sensor in dispenser spout
- Peristaltic pump

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet
- Remote control

Advantages:

- Drastically reduces soap consumption
- Cross contamination protection - no physical contact
- Clog and backflow prevention - with designated peristaltic pump
- Accurate soap dosage - adjustable by remote control
- Maximized savings - can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable - for heavy traffic locations



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.



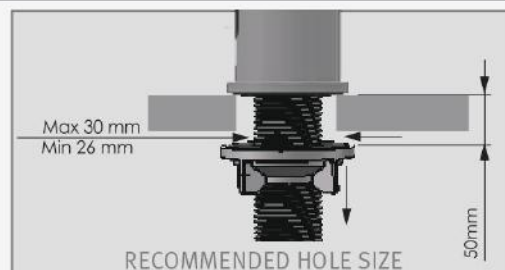
INSTALLATION

STEP 1 – REMOVE ALL MOUNTING HARDWARE

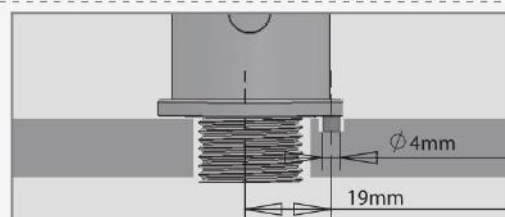
For TRENDY, ELITE, EXTREME, SMART, GREEN, GREEN 28 Soap Dispensers:

Drill a hole in the deck or lavatory according to the recommended hole size.

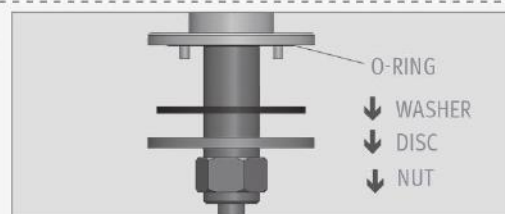
Remove the nut, the disk and the gasket from the base of the soap dispenser body.



If your dispenser is supplied with anti-rotation solution, drill an additional hole for anti-rotation pin.

**For CSABA Soap Dispenser:**

Remove the hexagonal nut, disk and washer. Do not remove the O-ring from the base of the faucet.



Drill a hole in the counter for the mixing handle. Remove the nut, disk and seal.



STEP 2 – INSTALLING THE SOAP DISPENSER

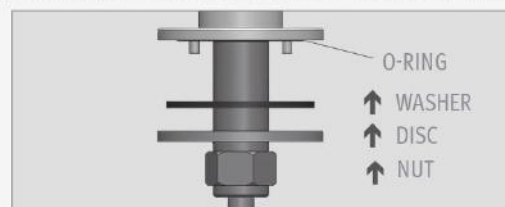
1

For TRENDY, ELITE, EXTREME, SMART, GREEN, GREEN 28 Soap Dispensers: Place the soap dispenser body along with the bottom ring into the hole in the deck or lavatory.

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

**For CSABA Soap Dispenser:**

Slide the washer, disk and hexagonal nut over the flexible hose and secure the faucet into place.





INSTALLATION

2

Fix the bottle with bottle support to the desired location.



3

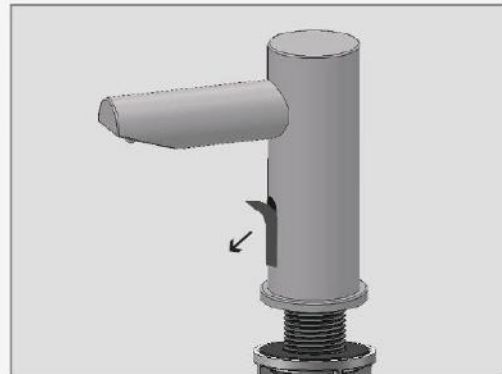
Snap the soap pipe from the dispenser body into the quick connection fitting of the pump.



STEP 3 – CONNECTING THE POWER SOURCE

1

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



2

Connect the motor connector to its matching connector coming from the electronic unit. Please note that since the connector is water proof, some friction might apply.



O-RING VISIBLE –
NOT CONNECTED PROPERLY



ONLY THE GROOVES ARE VISIBLE –
CONNECTED PROPERLY



INSTALLATION

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

PAY ATTENTION: If the 4 contacts connectors is not connected properly, the motor will work continuously.

2a

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

Caution: make sure to connect the connectors according to the indication on the battery box sticker.



2b

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.





TROUBLESHOOTING

Indication	Investigation	Cause	Solution	Illustration
False activation: Soap dispensing	Continuous discharge from the nozzle	AUX connector not fully inserted	The connector should be inserted fully until white o-ring is not visible. Remove the o-ring if necessary	
	Random discharge from the nozzle	Reflection issue from other object	Eliminate any cause of reflection and if necessary use appropriate remote control to shorten detection range.	
	Soap discharging from pump housing.	Damaged pump due to high viscosity or debris in pipes	Replace the Pump. Rinse warm water through the pipe and the body of the soap dispenser all the way to the nozzle.	
Soap not dispensing	Pump is making sounds when sensor is activated	Soap tank is empty	Fill with soap with correct viscosity (100 - 3800 cPs) and prime pipes using the fill button on remote control.	
		Soap dispenser has not been primed	Prime the soap dispenser by pressing the fill button on the remote or by pressing the refill button located at the bottom of the pump, until soap exits the nozzle.	
		Damaged pump (discharge from housing)	Replace the Pump	
		Debris or dried soap in the pipe or tank	Run warm water through pipe, pump, and body all the way to the nozzle. Replace with soap of correct viscosity.	
		High viscosity soap (> 3800 cPs)	NOTE: Using the soap dispenser with high viscosity soap may cause permanent damage to the pump and shorten the lifecycle.	
		Bent pipes	Unbend or straighten pipes.	



TROUBLESHOOTING

Indication	Investigation		Cause	Solution	Illustration
Soap not dispensing	Pump is not making sound when the sensor is activated	Sensor is blinking when hand is placed in front	AUX connector not fully inserted	The connector should be inserted fully until the white o-ring is not visible. Remove the o-ring if necessary	<p>O-RING VISIBLE – NOT CONNECTED PROPERLY</p> <p>ONLY THE GROOVES ARE VISIBLE – CONNECTED PROPERLY</p>
			Refill button on pump does not activate the pump.	Replace the Pump. Rinse warm water through the pipe and the body of the soap dispenser all the way to the nozzle.	<p>Press</p>
			Damaged pump (discharge from housing).		
			Debris or dried soap in the tank or tubing	Run warm water through pipe, pump, and body all the way to the nozzle. Replace with soap of correct viscosity. NOTE: Using the soap dispenser with high viscosity soap may cause permanent damage to the pump and shorten the lifecycle.	
	Sensor is not blinking when hand is placed in front	Refill button on pump does not activate the pump.	Transformer: Check operation with functioning transformer. Where necessary replace with appropriate transformer. For part numbers see spare parts list.		<p>Refill button</p>
			Battery: Check operation with functioning battery pack. Where necessary, replace batteries or replace the battery pack: Battery pack (without batteries)		
		Reflection issue from other object	Eliminate any cause of reflection and use appropriate remote control to shorten detection range.		<p>Min 1.5 M</p>
			Damaged sensor	If the above two solutions have not resolved this issue replace with appropriate sensor. For part numbers see spare parts list.	<p>Replace sensor</p>