



PROJECT		REF		REV	ITEM CODE	
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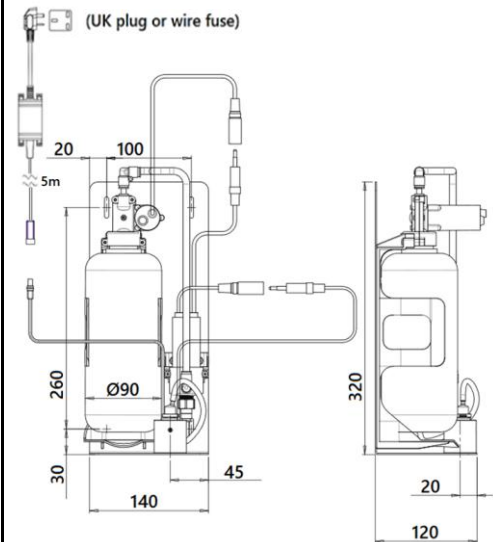
SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Stern (Israel) "Behind Mirror Foam SD" Touch free electronic foam soap dispenser for for hidden installation behind the mirror in AC Supply with 5m wire AC 110-240 Vac 50/60Hz to 12V 2.5A IP68 waterproof switching transformer	Illustration/ Drawing
Model	Behind Mirror Foam Soap Dispenser	
Code Number	280250	
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	

BEHIND MIRROR FOAM SOAP DISPENSER Ref # 280250
 Touch-free electronic foam dispenser for concealed installation behind the mirror. Activated by infrared sensor. Chrome plated spout. Includes a 1 liter soap bottle and bottle support. To be used with non-proprietary soap for maximum savings. Adjustable settings by remote control: Soap dosage, air quantity ("foamability"), soap tank refill, temporary off and reset to factory settings.

Application:
 The concealed, easy installation behind the washroom mirror offers an elegant, sleek and minimalistic design, ideal for office buildings, hotels and leisure sites, airports and transportation hubs and luxurious commercial locations.

Use:
 Touch-free electronic foam soap dispenser operated by infrared sensor. The foam dispenser automatically activates when users place their hands within sensor range, providing a measured amount of foam (adjustable by remote control). If the users remove the hand before the full amount is dispensed, the soap dispenser immediately stops the foam flow.



Installation:
 Wall mounted concealed

Power source:
 12 V transformer

Soap viscosity:
 Up to 100 cPs



PRODUCT AT A GLANCE

Installation	Concealed Behind The Mirror
Power Supply	12V transformer
Soap	1 Liter soap bottle The peristaltic pump enables the use of any kind of liquid soap, detergent or antibacterial gel
Viscosity	Up to 100 cPs
Refill	Soap priming by remote control or by an easy-to-use manual refill button

ORDERING INFORMATION

MODEL	CODE	POWER
BTM FOAM E	280250	12V transformer

OPTIONS

OPTION	CODE
Remote control for foam SD	07100009

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



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SPARE PARTS LIST

Behind mirror SD E
(280250)

Quantity	Part Number	Description	Cat. No.
-	-	Soap Dispenser Spout Kit	07271023
1	6	Spout	
1	7	Support	
1	8	Nut	
1	9	Nipple	
1	10	O-ring	
-	-	Sensor Kit	07220230
1	1	Electronic Unit	
1	2	O-ring	
	3	Soap Tank 1L	07100020
	4	Pump Soap Dispenser	07222001
	5	Bottle 1L support	07120175
	11	Transformer	TBC

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.

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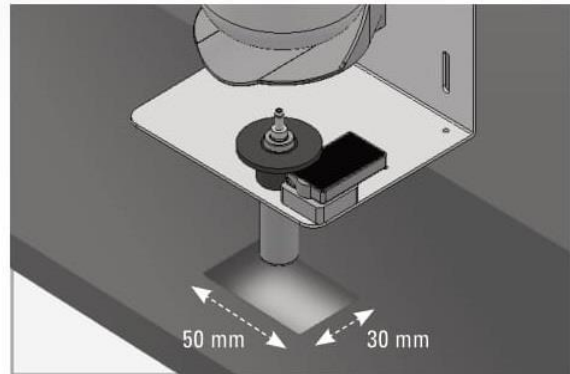


INSTALLATION

STEP 1 – PREPARATION FOR INSTALLATION

Cut a hole in the bottom of the mirror compartment for the soap dispenser sensor and spout both.

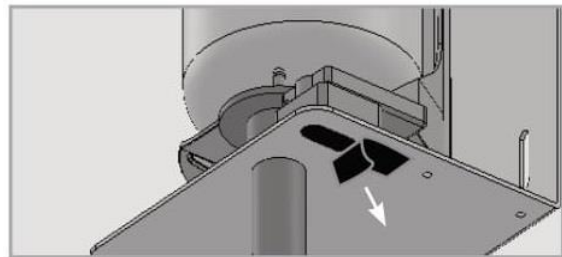
The recommended hole size should be 30x50 mm.



STEP 2 – INSTALLING THE SOAP DISPENSER

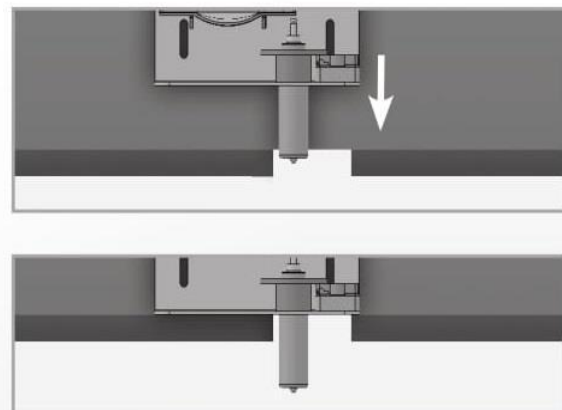
1

Remove the protective sticker covering the sensor.



2

Place the soap dispenser assembly inside the mirror compartment with the spout sticking out of the hole.

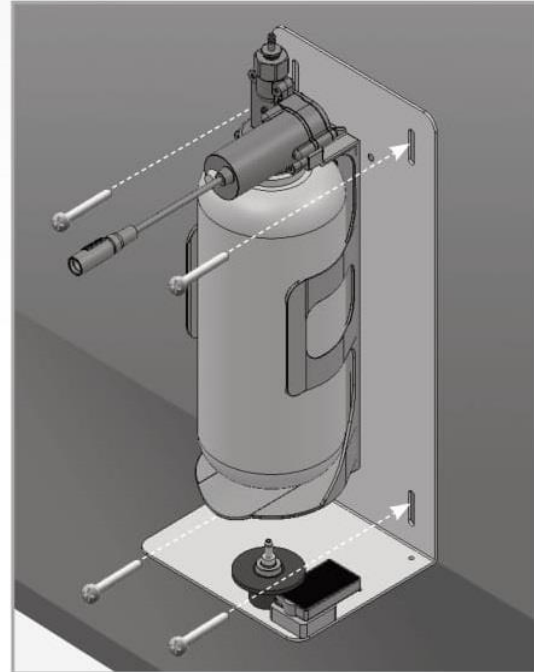




INSTALLATION

3

Secure the plate to the wall with 4 screws (not supplied).

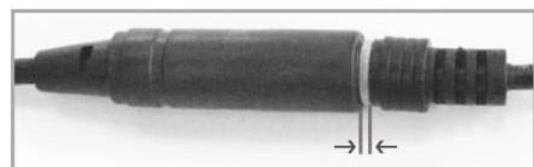


STEP 3 - CONNECTING THE POWER SOURCE

1

Make sure that the 4 contacts connector is connected properly so that the white o-ring is not visible.

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

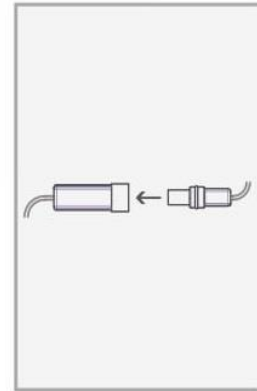
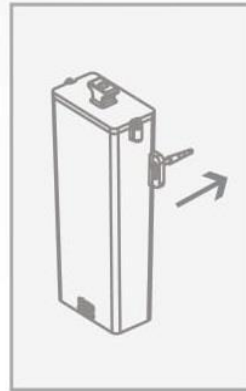


INSTALLATION

3

For battery versions:

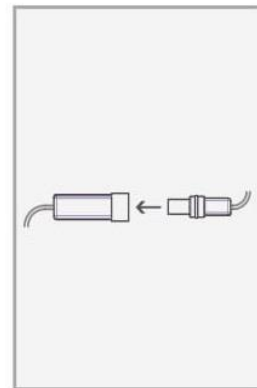
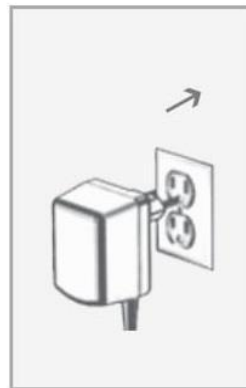
Install the battery box at the wall in the mirror compartment and connect the battery connector.



3

For transformer versions:

Plug the transformer into the electricity socket and make sure the transformer connector is connected.



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.
	Red light in the sensor flashes (once) and the motor is operating.	Soap has run low or completely out.	Refer to page 7 and refill the soap tank.
		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.
	Red light in the sensor does not flash (once) when user's hands are within the sensor's range.	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 5 to see how.
		Sensor is picking up reflections from the washbasin or another object.	Eliminate cause of reflection.
		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.
	Red light flashes (once) and the motor operates.	Battery is completely used up.	The battery must be replaced.
	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 5 to see how.