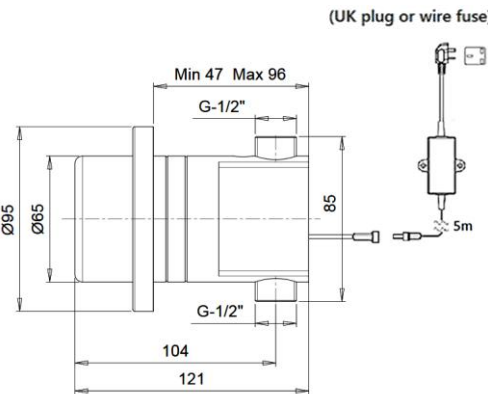**Acme Sanitary Ware Co Ltd**
Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
Tel: 2388 7171   Fax: 2710 8012
E-mail: acme@acmesanitary.com.hk
Website: www. acmesanitaryware.com.hk

stern

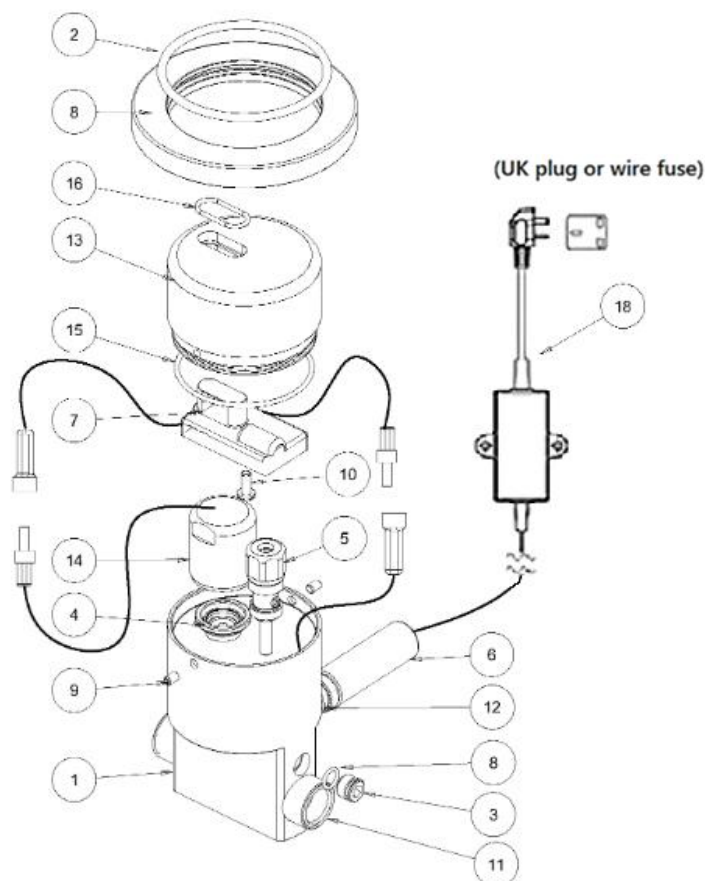| PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Stern (Israel) "Neptune 1032" Chrome plated concealed wall-mounted sensor shower in AC Supply with 5m wire AC 110-240 Vac 50/60Hz to 9V 0.3A **IP68 waterproof switching transformer**	Illustration/ Drawing
Dimensions	L95 x W121 x H95 mm	
Model	Neptune 1032 E	
Code Number	613400	
Finish	Chrome Plated	
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax E-mail Website	(852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk	

NEPTUNE 1032 E Ref # 613400
Touch free electronic shower control operated by an infrared sensor. Non return valves and filters included. All components are located inside the product body. The following settings can be changed by using the Stern remote control: sensor range, security time, delay in, delay out and on-off.

Application:
Combines an elegant design with high quality into a vandal resistant product. Helps washrooms to stay hygienic, safe and water saving. Ideal for sport facilities and spas.

Use:
Touch free electronic shower control. The shower will be activated once the user steps within the sensor range.

(UK plug or wire fuse)

Min 47 Max 96
G-1/2"
Ø95 Ø65
85
5m
G-1/2"
104
121

CONCEALED ELECTRONIC SHOWER FOR COLD OR PREMIXED WATER

Power supply:	Internally mounted 9V battery or 9V transformer
Recommended water pressure:	0.5-8.0 bar (7-116 PSI)
Preset sensor range:	55 cm – Adjustable manually or with a remote control
Security time:	10 minutes
Delay In / Out Time:	10 Seconds

Installation:
Wall mounted concealed

Water supply:
Cold or premixed water (1 inlet)

Water temperature:
Max 70 °C

Operating pressure:
0.5 - 8.0 bar

Power source:
9V Transformer

* 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

Neptune 1032E
(613400)

(UK plug or wire fuse)

Quantity	Part Number	Description	Cat. No.
	-	**Seals and Screws Kit**	07210008
1	15	O-ring	
1	16	O-ring	
2	9	Screw	
1	10	Screw	
	-	**Sensor Kit**	07220037
1	7	Electronic Sensor	
1	16	O-ring	
	5	**Filter Stop Valve Kit**	07212002
	-	**Cover kit**	07270005
1	13	Cover	
1	15	O-ring	
2	9	Screw	
	-	**Solenoid valve kit**	07230002
1	14	Solenoid valve	
1	4	Diaphragm	
	4	**Diaphragm**	04500001
	-	**Cover plate kit**	07260010
1	8	Rosetta	
1	2	O-Ring	
	18	**Transformer**	TBC

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

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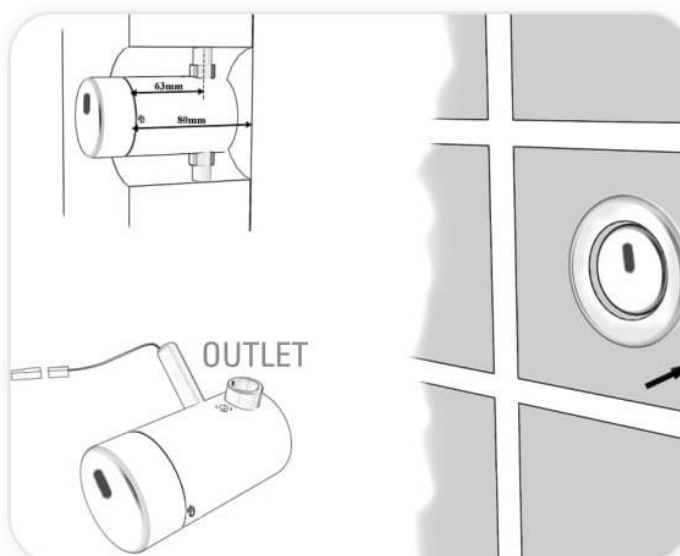
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INSTALLATION

1) Shut off the water supply.

2) Cut an adequate opening in the wall for the dimensions of the product and if your model is Neptune 1032 E for the electric wires.

3) Insert the product through the wall opening and assemble the inlet to the water supply pipe in the wall.

4) Connect the outlet to the pipe leading to the shower head.

5) Mount the shower body to the wall so it will protrude from the wall as shown in the drawing.

6) If your model is Neptune 1032 E place the transformer near the electricity plug (up to 3 meters from the electronic shower body) and connect the transformer wire to the shower body through the hole.

Important: After connecting the power source, wait a few seconds before activating the shower control to avoid entering into "adjusting mode".

OUTLET

7) Turn on the water supply and check for leaks.

8) After the ceramic tiles are installed, assemble the cover plate over the shower body on the wall.

9) If the range is unsatisfactory, refer to the section titled "Settings adjustment".

STERN

TROUBLE SHOOTING

PROBLEM	INDICATOR	CAUSE	SOLUTION
No water coming out of the shower head:	1.Sensor flashes continuously when user's hands are within the sensor's range.	Low battery.	Replace battery.
	2. Red light in the sensor does not flash once when user's hands are within the sensor's range.	1. Range is too short.	Increase the range.
		2. Range is too long.	Decrease the range.
		3. Battery is completely used up	The battery must be replaced.
		4. Unit is in "Security Mode"*	
		5. Sensor is picking up reflections from the washbasin or another object.	Eliminate cause of reflection.
	3. Red light in the sensor flashes once when user's hands are within the sensor's range.	1. Connectors between the electronic unit and solenoid are disconnected.	Connect the electronic unit connectors to the solenoid.
		2. Debris or scale in solenoid.	Unscrew solenoid, pull out the plunger and the spring from the solenoid and clean them.
		3. The central whole in the diaphragm is plugged or the diaphragm is torn.	Clean the whole or replace the diaphragm.
		4. The water supply pressure is higher than 8 bar.	Reduce the supply water pressure.
Water flow from spout does not stop:	1. Sensor flashes once when user's hands are within the sensor's range.	Debris or scale in diaphragm or the diaphragm is torn.	Clean the whole or replace the diaphragm.
	2. Red light in the sensor does not flash once when user's hands are within the sensor's range.	1. Sensor is dirty or covered	Clean or eliminate case of interference.
		2. Sensor is picking up reflections from mirror or another object.	Decrease the range or eliminate cause of reflection.

* "Security Mode": If the sensor is covered for more than 90 sec. the shower will automatically shut off water flow. To return to normal operation remove any blockage.