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## SANITARY WARE SPECIFICATION SHEET

<p><b>Item Descriptions</b></p>	<p>Stern (Israel) "APOLLO AL" Chrome plated wall mounted sensor faucet in AC Supply with 5m wire AC 110-240 Vac 50/60Hz to 9V 0.3A <b>IP68 waterproof switching transformers</b></p>	<p style="text-align: center;">Illustration/ Drawing</p>											
<b>Dimensions</b>	140 mm Long												
<b>Model</b>	APOLLO ALE												
<b>Code Number</b>	340700												
<b>Finish</b>	Chrome Plated												
<b>Supplier</b>	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung (852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk												
<p><b>APOLLO AL E</b>  <b>Ref # 340700</b>        Touch-free wall-mounted electronic faucet with an anti ligature design. Offered with a proximity infrared sensor or a wave on-off infrared sensor. For cold or premixed water. Chrome plated body, other finishes available. Includes a low battery indicator. Adjustable settings by remote control: sensor range, security time, delay in, delay out, on-off and reset to factory settings.</p> <p><b>Application:</b>        Wall-mounted faucet. Combines an anti ligature design with vandal resistant features. Helps washrooms stay clean and saves water. Easy installation. Long lasting even in the harshest installation sites. Ideal for health care centers, hospitals and clinics.</p> <p><b>Use:</b>        With Proximity sensor: The faucet is automatically activated when users place their hands in the sensor range and will stops once the users remove their hands.        With Wave on-off sensor: The faucet is activated for an 8-second flow when users place thier hands in close proximity to the sensor. The faucets shuts off when the flow time is over or if users place thier hands in front of the sensor for a second time.</p>													
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## SPARE PARTS LIST

### Apollo ALE (340700)

(UK plug or wire fuse)

Quantity	Part Number	Description	Cat. No.
	-	<b>Seals and Screws Kit</b>	<b>07210077</b>
2	3	O-ring	
1	4	Gasket	
1	2	Screw	
1	1	<b>Wave Sensor Kit</b>	<b>07225022</b>
	-	<b>Solenoid Housing Kit/ Solenoid Housing Kit for USA</b>	<b>07231008/ 07231009</b>
1	7	Solenoid valve's body	
1	8	Filter	
1	9	Nipple	
	-	<b>Solenoid Valve Kit</b>	<b>07230017</b>
1	5	Solenoid valve	
1	6	Diaphragm	
	6	<b>Diaphragm</b>	<b>04500001</b>
	10	<b>Transformer</b>	<b>TBC</b>

**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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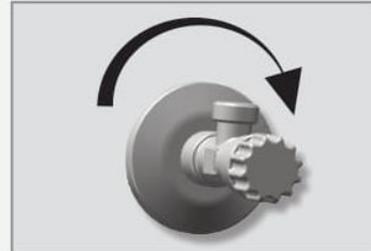


## INSTALLATION

### STEP 1 – INSTALLING THE FAUCET

1

Shut off the water supply.



2

Drill a hole (22 to 25 mm) in the location you wish to install the faucet.



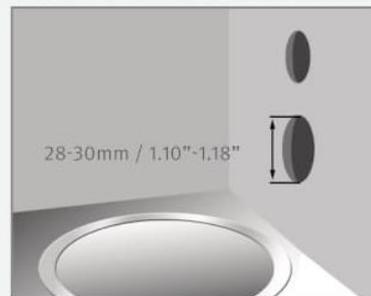
3

Insert the spout through the wall and fix the base behind the wall with the hexagonal nut and the disk.



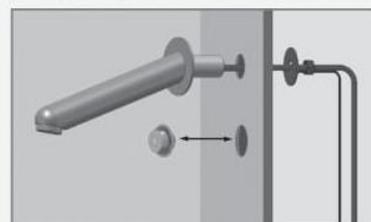
4

Drill a hole (28 to 30 mm) in the location you wish to install the sensor unit.



5

Insert the electronic unit through the wall or other surface where you want to place it and fix the base behind the wall with the hexagonal nut and the disk.





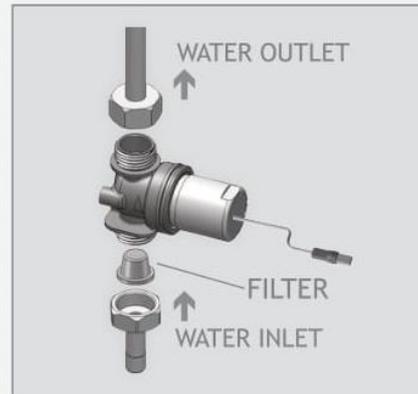
## INSTALLATION

### STEP 2 – CONNECTING THE WATER SUPPLY

Fit the pipe from the spout base to the solenoid valve housing

Fit the water supply inlet to the filter adapter at the solenoid housing.

Note: Make sure the filter is located between the solenoid housing and the water inlet.



### STEP 3 – CONNECTING THE POWER SOURCE

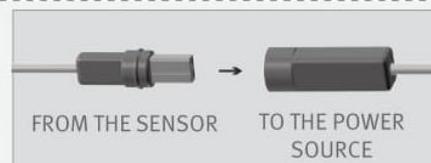
1

Connect the cable coming from the sensor unit to the solenoid valve connector.



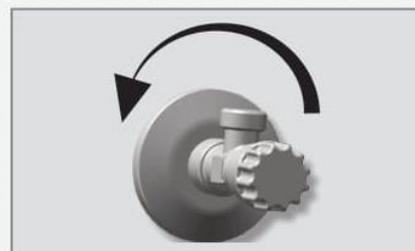
2

Connect the other cable coming from the sensor unit to the power source connector (battery box or transformer).



3

Turn on the central water supply. Check for leaks.



4

If the automatically adjusted sensor range is not satisfactory for your purposes, please refer to the section entitled "Settings adjustment".



## TROUBLESHOOTING

PROBLEM	INDICATOR	CAUSE	SOLUTION
No water coming out of the faucet:	1. Sensor flashes continuously when user's hands are within the sensor's range.	Low battery.	Replace battery
	2. LED 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.
	3. LED in the sensor flashes once when user's hands are within the sensor's range.	4. Unit is in "Security Mode"*	Eliminate cause of reflection.
5. Sensor is picking up reflections from the washbasin or another object.			
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. Use scale remover material if needed. When replacing the plunger, please make sure that the spring is in vertical position.
			3. The central orifice in the diaphragm is plugged or the diaphragm is torn
	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	Clean the orifice or replace diaphragm.
			2. LED in the sensor does not flash once when user's hands are within the sensor's range.
Water flow diminished	2. Sensor is picking up reflections from the washbasin or another object.	Filter or aerator is clogged	Decrease the range or eliminate cause of reflection.
			Remove, clean, re-install

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

\*\* In this case, the water flow will stop anyway after 90 seconds because of the security time.