



PROJECT		REF		REV	ITEM CODE	
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SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p> <p>Dimensions</p> <p>Model</p> <p>Code Number</p> <p>Finish</p> <p>Supplier</p> <p>Contact Tel/Fax</p> <p>E-mail</p> <p>Website</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 IP68 waterproof switching transformers</p> <p>140 mm Long</p> <p>APOLLO ALE</p> <p>340700</p> <p>Chrome Plated</p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen (852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk</p>	<p style="text-align: center;">Illustration/ Drawing</p> <p>Installation: Wall mounted duct concealed</p> <p>Water supply: Cold or premixed water (1 inlet)</p> <p>Water temperature: Max. 70 °C</p> <p>Operating pressure: 0.5 – 8.0 bar</p> <p>Power source: 9V Transformer</p> <p>LEED RATING</p>												
<p>APOLLO AL E Ref # 340700</p> <p>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>Application: 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>Use: 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>														
<table border="1" style="width: 100%;"> <tr> <td style="background-color: #cccccc;">Apollo ALB</td> <td style="text-align: right;">340600</td> </tr> <tr> <td style="background-color: #cccccc;">Apollo ALE</td> <td style="text-align: right;">340700</td> </tr> <tr> <td>Power supply for battery versions:</td> <td>6 X 1.5 V AA batteries</td> </tr> <tr> <td>Power supply for electricity versions:</td> <td>9V transformer</td> </tr> <tr> <td>Recommended water pressure</td> <td>0.5-8.0 bar (7-116 PSI). With water pressure of more than 8 bars, use a pressure reducing valve for reduction</td> </tr> <tr> <td>Hot water temperature:</td> <td>Max. 70° C</td> </tr> </table>			Apollo ALB	340600	Apollo ALE	340700	Power supply for battery versions:	6 X 1.5 V AA batteries	Power supply for electricity versions:	9V transformer	Recommended water pressure	0.5-8.0 bar (7-116 PSI). With water pressure of more than 8 bars, use a pressure reducing valve for reduction	Hot water temperature:	Max. 70° C
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SPARE PARTS LIST

Apollo ALE (340700)

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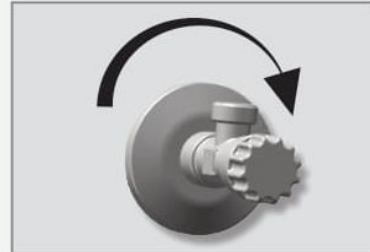


INSTALLATION

STEP 1 – INSTALLING THE FAUCET

1

Shut off the water supply.



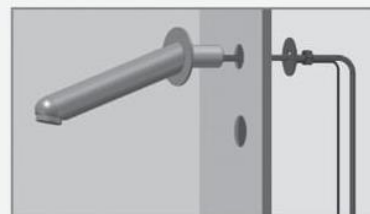
2

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



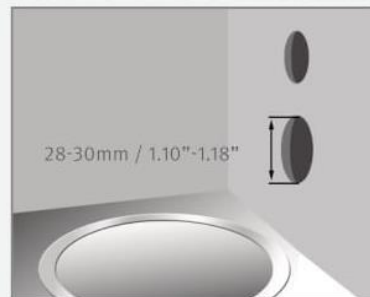
3

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



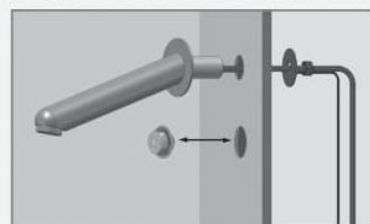
4

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.





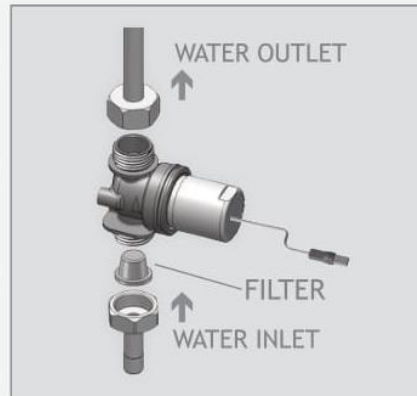
INSTALLATION

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

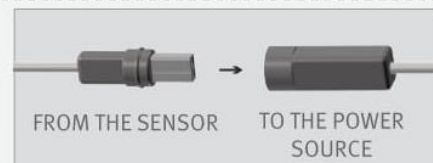
1

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"*	
5. Sensor is picking up reflections from the washbasin or another object.		Eliminate cause of reflection.	
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		Clean the orifice or replace diaphragm.	
4. The water supply pressure is higher than 8 bar.	Reduce the supply water pressure.		
Water flow from spout does not stop:	5. The water supply pressure is under 8 bars and yet the pressure in the faucet's body is higher. This situation could be caused by a sudden increase in the water supply pressure that the back check prevents from dropping, even after water supply pressure drops under 8 bars.	Shut off water supply and unscrew one of the flexible pipes in order to reduce the pressure that blocks the product.	
	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.	1. Sensor is dirty or covered.**	Clean or eliminate case of interference.
		2. Sensor is picking up reflections from the washbasin or another object.	Decrease the range or eliminate cause of reflection.
Water flow diminished		Filter or aerator is clogged	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.