

























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	

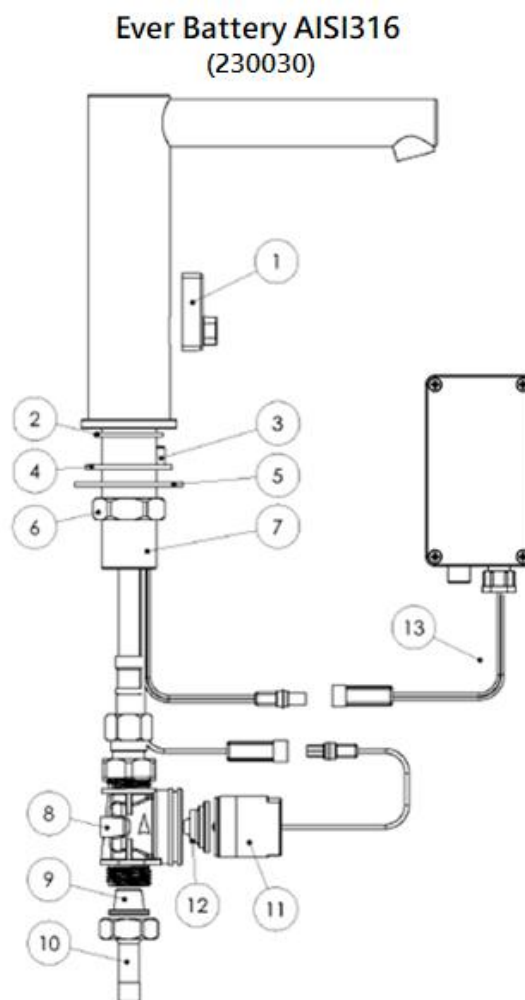
SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Stern (Israel) "Ever AISI316" Stainless steel AISI316 deck mounted sensor faucet in 6x1.5AA DC Supply with IP67 waterproof battery box	Illustration/ Drawing																																								
Model	Ever Battery AISI316																																									
Code Number	230030																																									
Finish	Stainless Steel AISI316																																									
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																																										
EVER BATTERY AISI316 Ref # 230030 Touch-free electronic faucet for deck-mounted installations. Activated by infrared sensor. For hot or premixed water. Filters included. Stainless Steel AISI316 body, other finishes available. Battery version includes a low battery indicator. Adjustable setting by remote control : sensor range, security time, delay in, delay out, on-off and reset to factory setting. 24 hours mandatory hygiene flush available upon request.																																										
Application: Deck-mounted faucet. Combining an elegant minimalist design with anti-vandal features. Easy installation. Long lasting even in the harshest installation sites. Helps washrooms to stay clean and saves water. Prevents cross contamination. Ideal for stadiums, train and bus stations and highway rest stop.																																										
Use: Touch-free electronic faucet. The faucet is activated automatically when users place their hands n the sensor range and stops when the users remove their hands.																																										
<table><tr><th colspan="5">PRODUCT AT A GLANCE</th></tr><tr><td>Installation</td><td colspan="4">Deck-mounted</td></tr><tr><td>Power Supply</td><td colspan="4">• 6X1.5V batteries • 9V transformer</td></tr><tr><td>Operating pressure</td><td colspan="4">0.5-8.0 bAR / 7.0-116.0 PSI</td></tr><tr><td>Water supply</td><td colspan="4">Cold or premixed water</td></tr><tr><td>Water Saving Options</td><td colspan="4">5 LPM / 1.32 GPM ;1.89 LPM / 0.5 GPM</td></tr><tr><td>Water temperature</td><td colspan="4">70°C Maximum</td></tr><tr><td>Security Time</td><td colspan="4">Auto shutoff after 90 seconds, adjustable by remote control</td></tr></table>			PRODUCT AT A GLANCE					Installation	Deck-mounted				Power Supply	• 6X1.5V batteries • 9V transformer				Operating pressure	0.5-8.0 bAR / 7.0-116.0 PSI				Water supply	Cold or premixed water				Water Saving Options	5 LPM / 1.32 GPM ;1.89 LPM / 0.5 GPM				Water temperature	70°C Maximum				Security Time	Auto shutoff after 90 seconds, adjustable by remote control			
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SPARE PARTS LIST



Quantity	Part Number	Description	Cat. No.
	-	Seals and Screws Kit	07210175
1	2	O-ring	
1	4	Gasket	
1	3	Screw	
	-	10-Pack Sensor Kit	07220387
	-	VR Brass SD Kit	07246036
1	3	Screw	
1	7	Insert	
1	4	Gasket	
1	5	Disk	
1	6	Hexagon nut	
	-	8-Pack Solenoid BS-Housing Kit	07221119
1	8	Solenoid valve's body	
1	9	Filter	
1	10	Nipple	
	-	10-Pack Solenoid Valve Kit	07232000
1	11	Solenoid valve	
1	12	Diaphragm	
	12	10-Pack Diaphragm	04500048
	13	IP 67 Battery Box	06530020

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 MOUNTING THE FAUCET

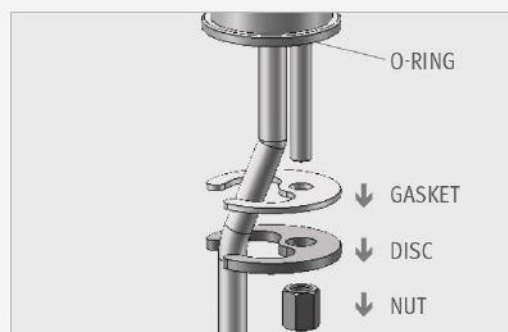
1

Shut off the water supply.



2

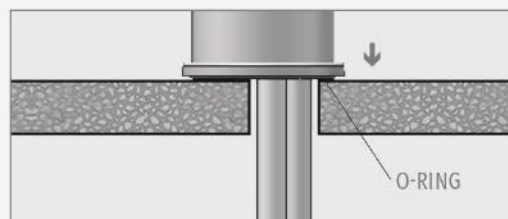
Remove the hexagonal nut, the disk and the gasket. Do not remove the O-ring from the base of the faucet.



STEP 2 – INSTALLING THE FAUCET

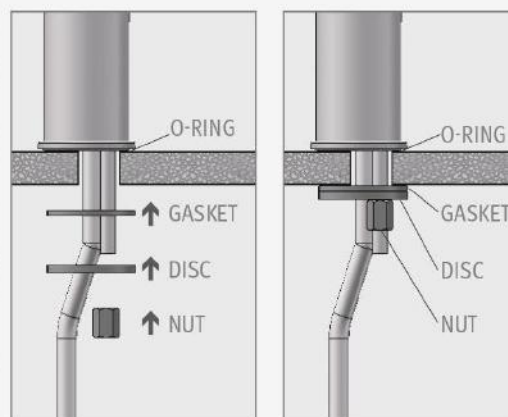
1

Place the faucet with O-ring into the hole in deck or lavatory. Make sure the O-ring is located between the deck or lavatory and the bottom of the faucet.



2

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





INSTALLATION

STEP 3 – CONNECTING THE WATER SUPPLY

1

Connect the flexible pipe to the water supply.

For models with temperature control connect the red flexible pipe to the hot water supply and the blue flexible pipe to the cold water supply.



2 INLETS VERSION



1 INLET VERSION

MAKE SURE THAT THE FILTER(S) IS/ARE INSTALLED BETWEEN THE FLEXIBLE PIPE AND THE SHUT OFF VALVE (ANGLE VALVE) (NOT SUPPLIED).

2

Turn on the central water supply and the shut-off valves (angle valves) and check for leaks.





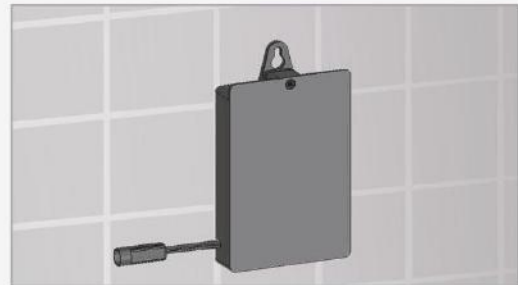
INSTALLATION

STEP 4 – CONNECTING THE POWER SOURCE

1

BATTERY VERSION

Install the battery box at the wall underneath the sink using the two sided adhesive foam tape. The cable connection must point down. (You can use an optional extension cable in order to assemble the battery box up to 10ft. away from the sink.)



TRANSFORMER VERSION

Plug the transformer into the electricity socket and connect the connectors.



2

In order to avoid entering into the adjusting mode, wait 10 seconds before operating the faucet. If the range is unsatisfactory, refer to the section titled “settings adjustment.



ABOUT
10
SECONDS

NOTE: This model includes a special aerator that allows you to adjust the water stream direction on site in order to prevent water splashing if needed. To change the angle of the water stream, simply move the adjustable tilting plate by pressing it smoothly.

ATTENTION! the aerator is tightened to prevent removal by hand.





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.
		4. Unit is in "Security Mode"*	
	5. Sensor is picking up reflections from the washbasin or another object.		Eliminate cause of reflection.
	3. LED 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. 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.
		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.
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.	1. Sensor is dirty or covered.**	Clean or eliminate cause 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.