Guide for installation

SWEETHOME

Quality Faucet

Packing list

1. Installation instruction one copy
2. Faucet and sensor assembly kit one kit
3. Trim plate (different size for different item) one piece
4. Finger nuts ø10mm two pieces
5. Studs ø10X45mm two pieces
6. Washer gaskets two pieces
7. Base gasket one piece
8. Solenoid valve module assembly for AC or DC or AC/DC both model (including solenoid enclosure, solenoid body, & battery compartment).
9. Flex hose (Optional) one piece
10. Screws M4X8mm six pieces
11. Self-tapping screw M4X28mm four pieces
12. Plastic wall anchors ø7X28mm four pieces

Prior to installation

Before installing faucet, please open the box to check the packing list whether it includes all the items as the above. Please install them comply with our installation instruction, otherwise please contact dealer.

Specifications of Infra-red Sensor Faucet

Item No.	DC Products	AC Products
Power Supply	DC6V(4 X AA Battery)	AC220V
Power Consumption	＜0.2mW	＜1W
Water Pressure	0.05MPa~0.7MPa	
Diameter of Water Supply	G1/2" (DN15)	
Ambient Temperature	0.1℃~55℃	
Protection Degree	Ip54	
Detection Zone (Based on standard white inductive board, size: 29.7*29.7cm)	Factory set 28~30cm for: Sensor at the faucet body	
	Factory set 17~18cm for: Sensor built-in the aerator together	

Tools Required For Installation:

Head screwdriver

Wrench

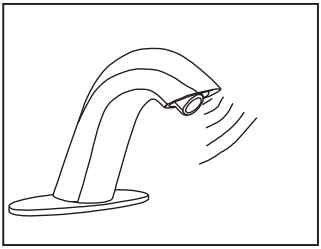
Hammer (installing plastic wall anchors to wall)

Drill bit (installing plastic wall anchors to wall)

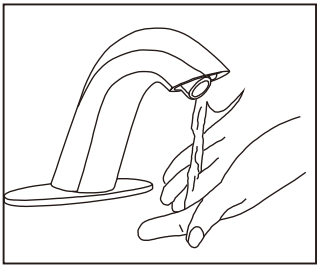
Please shut off the valve of inlet pipe before installation.

Note: We don't supply inlet pipe. Before installing Control module assembly, please check your inlet pipe whether it could be connected to the deck enough

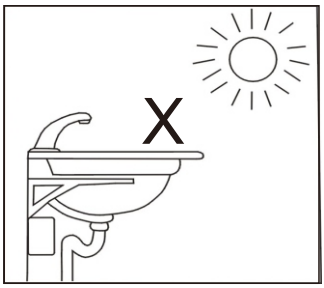
Direction for Use



Water flows out when you enter into the detection zone and stops immediately once leaving. If flow water continuously 60 seconds, it will stop automatically. If need to flow water again, please move hands out detection zone, and enter again.

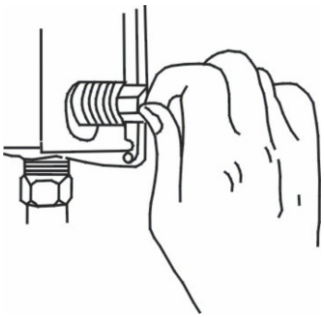


Please choose standard single hold basin, and protect sensor cable from basin's hole, which cannot warp and break.

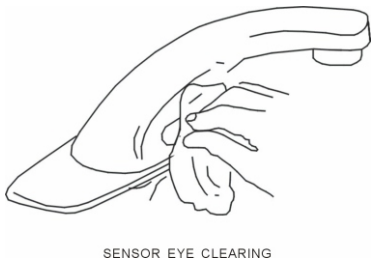


Please clean water supply pipe before connection to avoid blocking filter screen.

Please avoid strong light and sun shine facing to sensors.

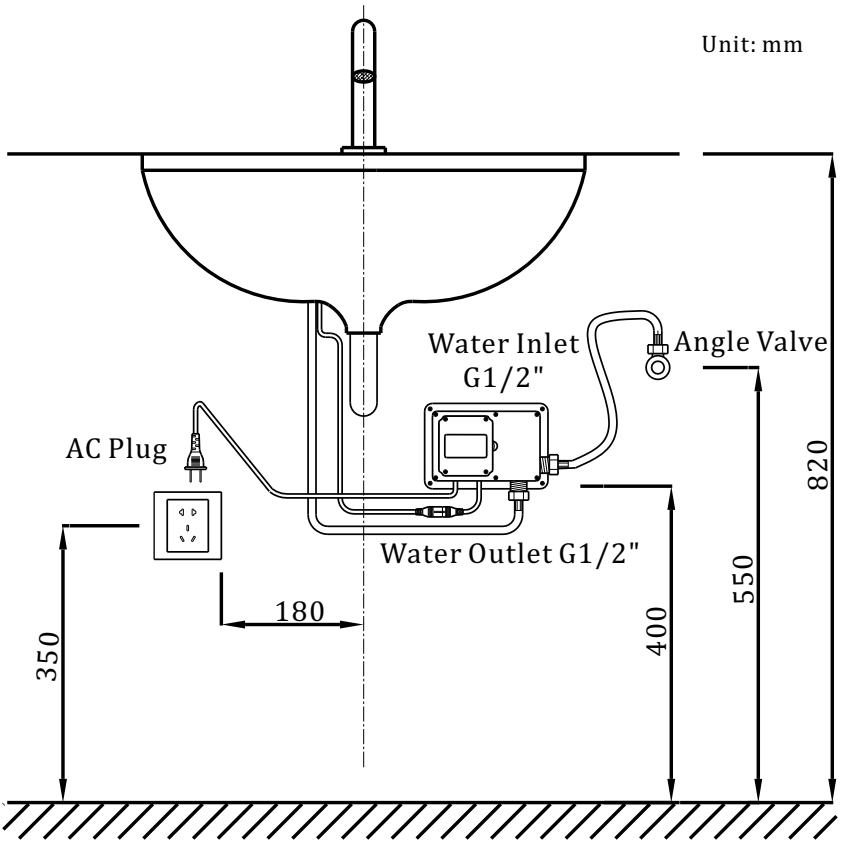


(Solenoid Screen Filter Cleaning)



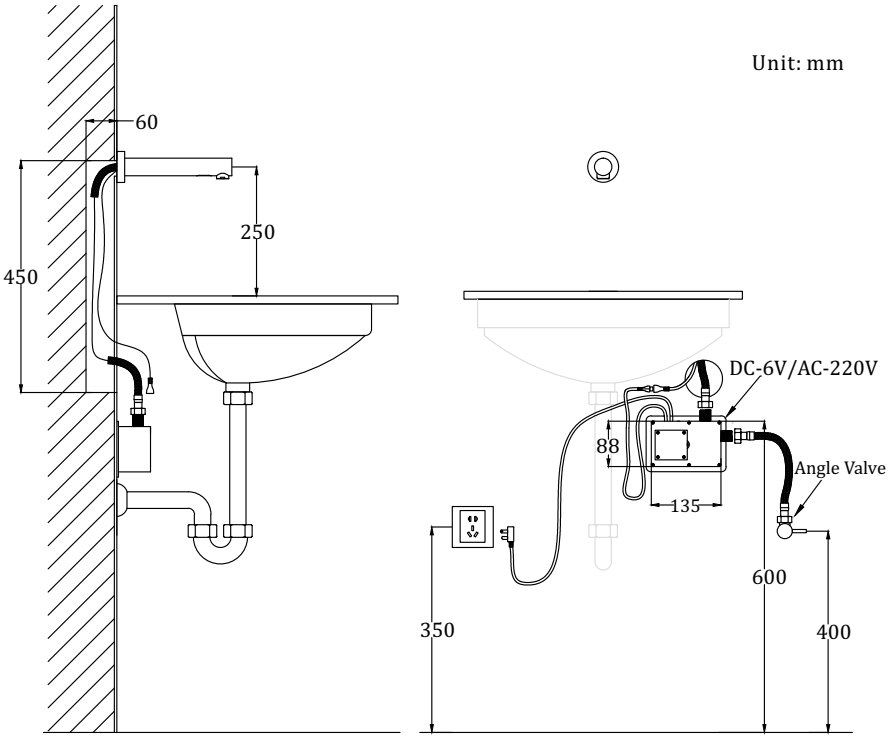
(Sensor Eye Clearing)

Installation Instruction(Deck Mounted):



(Figure 1 installation instruction)

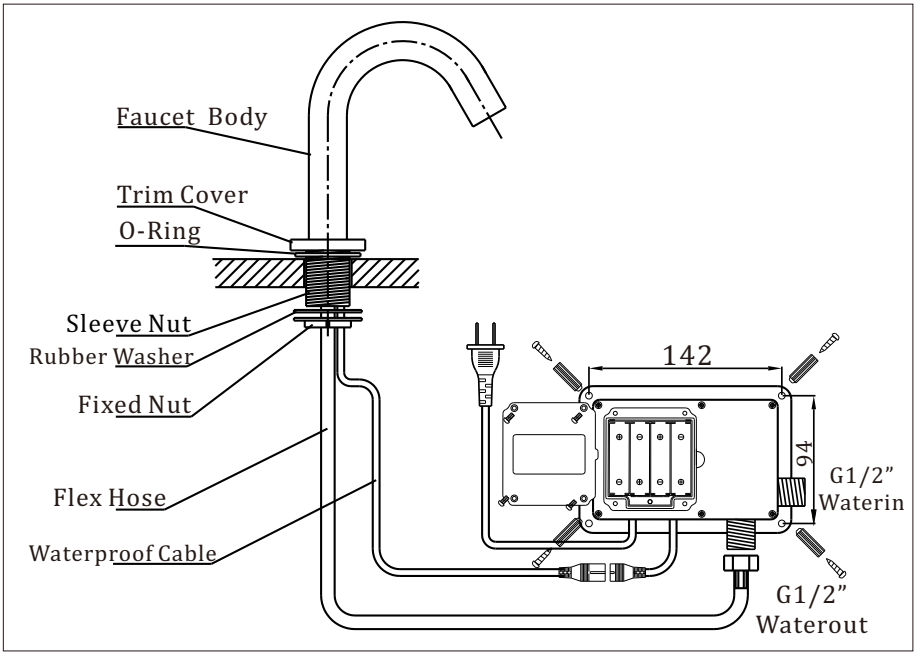
Installation Instruction(Wall Mounted):



(Figure 2 installation instruction)

Installation Steps:

1. Confirm hole of basin suiting for installation, Threaded Bush needs exceeding diameter 28mm, Sleeve Nut & Horseshoe Gasket need exceeding diameter 33mm.
2. Place control box and drill holes: diameter 6mm and depth 30mm (drill 4 holes between 142mm * 94mm).
3. DC battery control box, place 4 X AA batteries into battery box with correct direction.
4. Open angle valve to clean water supply pipe and close for installation.



Step3-Connect flex hose to solenoid valve

Use wrench to connect the free end of the flex hose to the outlet side of the solenoid valve.

Step4-Connect cable

1. Connect the free end of fiber optic cable to the Control module assembly.
2. Thread the connector cap with nut onto the Control module assembly to secure the connection.

Note: Please keep the sensor plastic cable clean and dry when install it, in order to keep the machine workable.

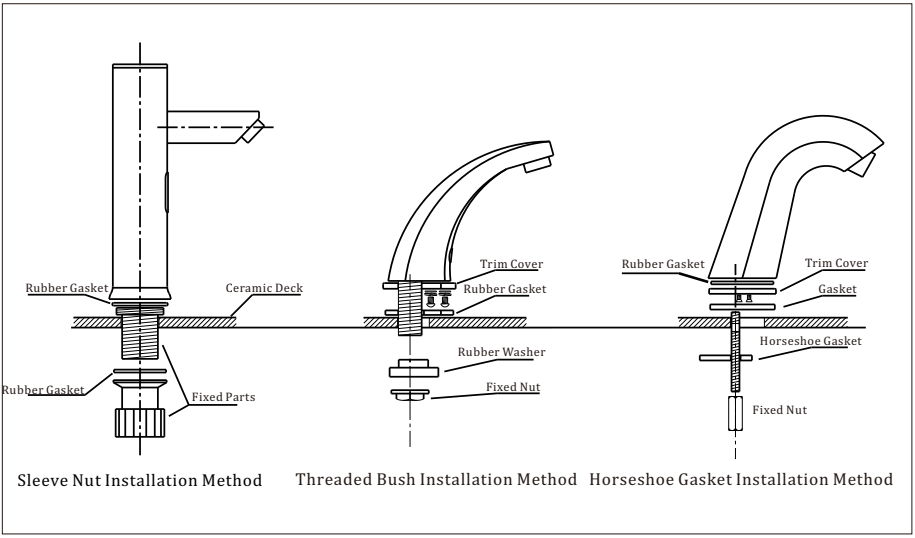
Note: When installation is finished, please use a small piece of soft and dry cloth to wipe away the “sensor eye” slightly.

Step5-Battery installation

If the batteries are installed before the fiber optic cable has been connected to the Control module assembly, the faucet will not properly set the sensing range for the sink on which it has been installed.

Step 1-Install faucet spout and trim plate

Note: The faucets have self-adjustable sensor eye, the step of adjustment sensor distance is only for reference of customer's special requirements.



Step2- Install control module assembly

Before install Control module assembly, please check the place of deck and installation place of Control module assembly. If confirmed, please put the Control module assembly onto the wall first, and use drill bit to anchor the four holes.

1.Using 6mm drill bit follow the four anchors to drill four holes into wall.

2.Using hammer knock the four plastic wall anchors supplied into wall.

3.Installing Control module assembly to wall, knock four self－tapping screws into four plastic wall anchors. Then the Control module assembly is installed onto wall.

Loosen the cap of control module assembly with head screwdriver, and loosen the cap of battery compartment. To ensure proper operation, inset four (4) new AA size alkaline batteries. Check that the orientation of each battery matches the positive (+) and negative (-) symbols shown in the bottom of the battery compartment. Make sure that spout is properly centered and that no objects are in the sink. Close the cap of battery compartment and cap of the control module assembly follow the above steps.

Step6-Connect inlet pipe (not supplied)

Please connect inlet pipe (not supplied) to control module assembly.

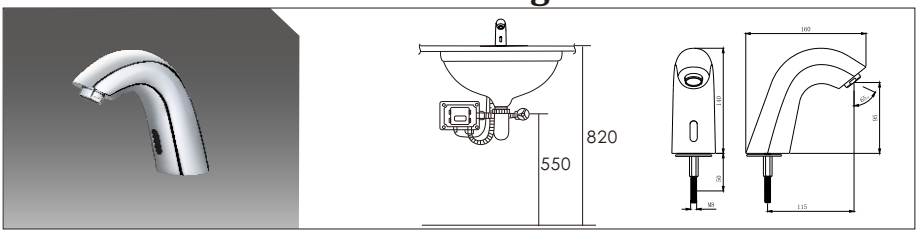
Note: Please use the proper inlet pipe into diameter of inlet on solenoid valve.

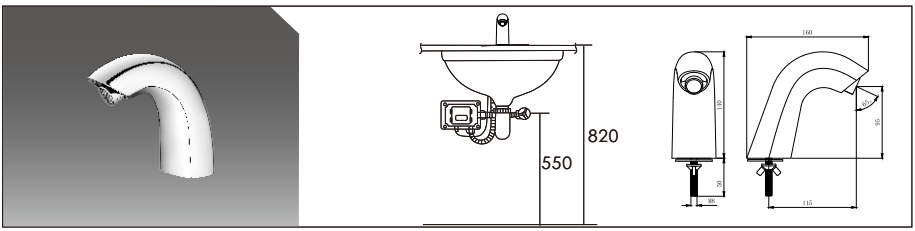
Very Important: Please turn off the inlet pipe valve to install the inlet pipe.

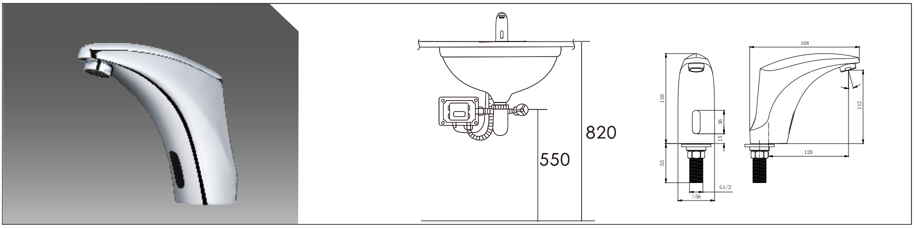
Step 7-Turn on the inlet pipe valve

Please turn on the inlet pipe valve, to check whether water flowing and sensor distance meets your requirements. If not, Please follow the above ways to adjust the sensor distance again.

Dimension & Instruction Diagram



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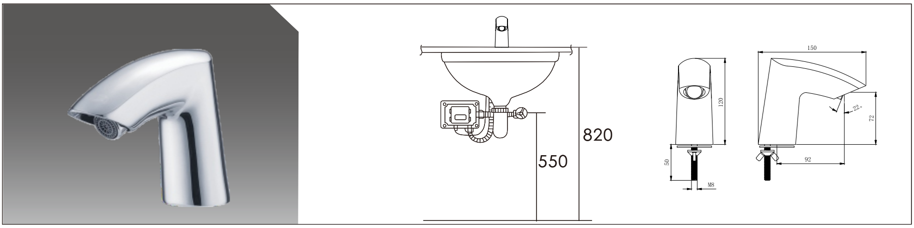
G1/2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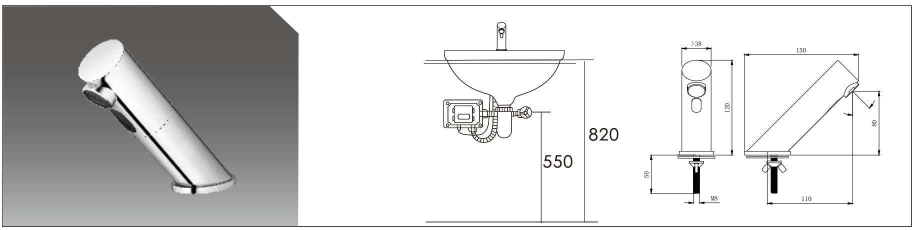
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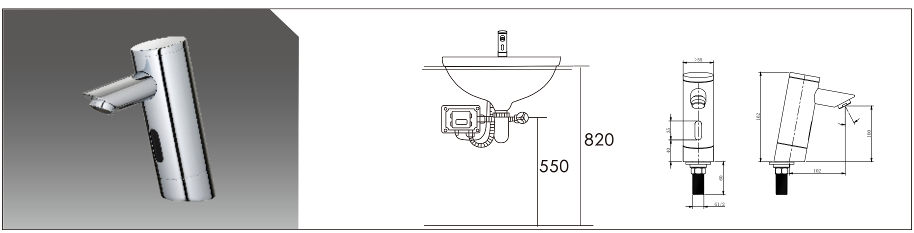
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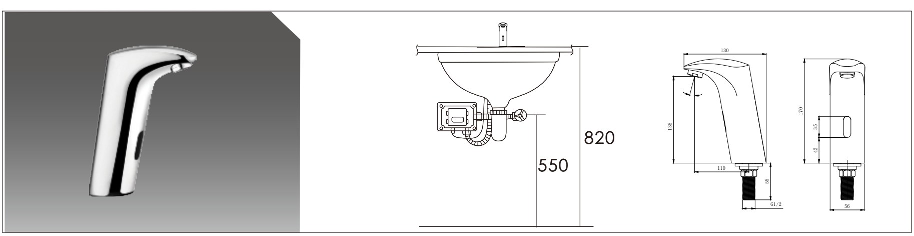
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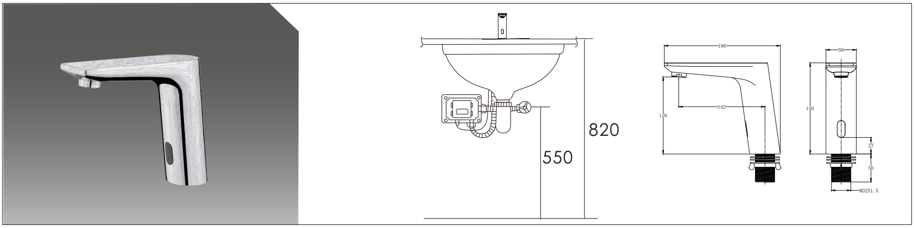
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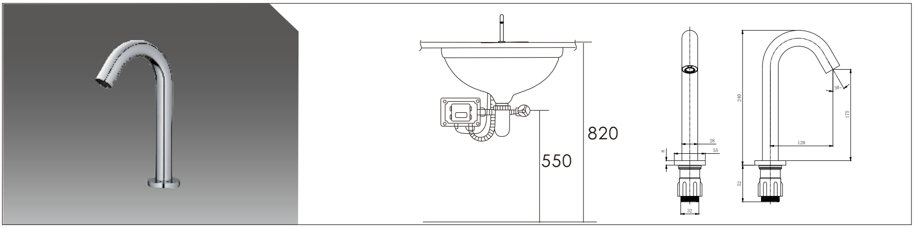
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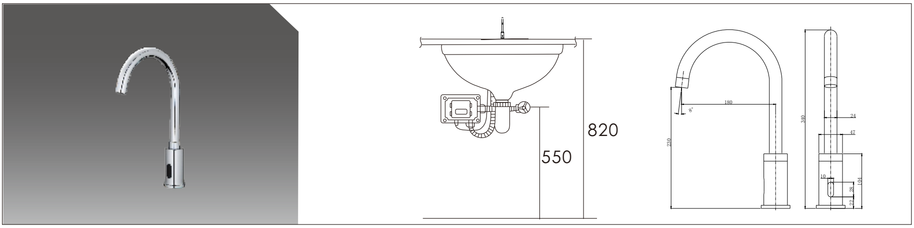
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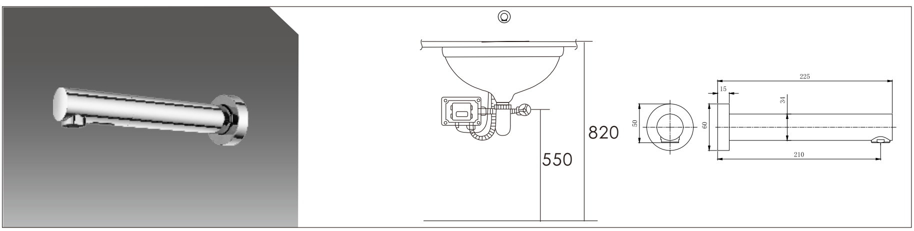
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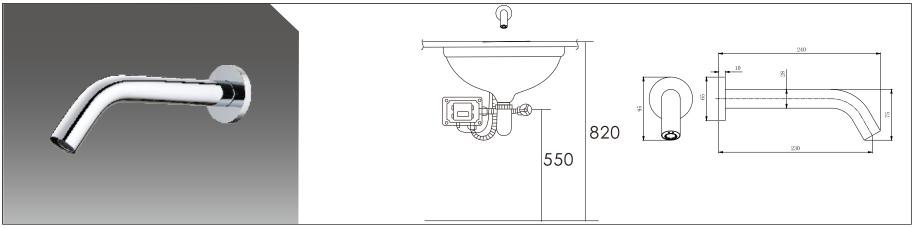
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BATTERY REPLACEMENT PROCEDURE

Battery powered faucet with 4 x AA alkaline batteries can be used for 2 years at 200 cycles a day. When the batteries are low and need to be replaced, the faucet will signal you, when your hand approach the sensor location, the LED will flash red three times quickly without water out; when without object to approach the sensor location, the LED will red one time per four second. At this point we recommend battery replacement.

To replace batteries:

Note: Water supply to the faucet does not need to be turned off when replacing batteries.
Loosen the cap of control module assembly with head screwdriver, and loosen the cap of battery compartment.
To ensure proper operation, inset four (4) new AA alkaline batteries. Check that the orientation of each battery matches the positive (+) and negative (-) symbols shown in the bottom of the battery compartment. Make sure that spout is properly centered and that no objects are in the sink. Close the cap of battery compartment and cap of the control module assembly follow the above steps.
Upon installation of the batteries, faucet will begin a new self-calibration procedure.

SOLENOID SCREEN FILTER CLEANING PROCEDURE

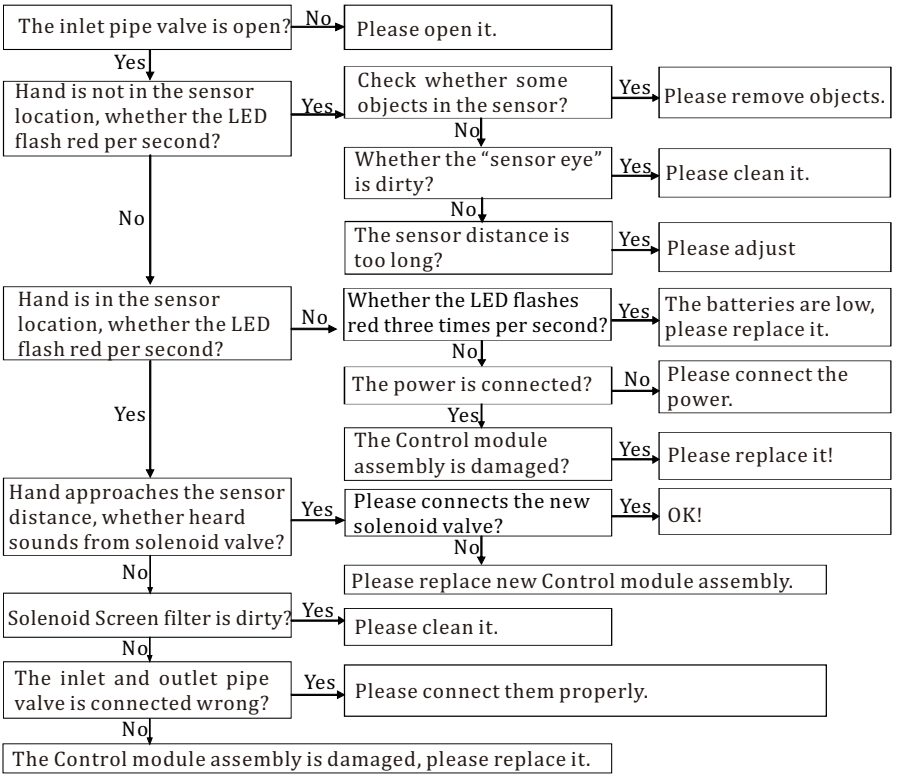
Before cleaning the screen filter, turn off the water supply at the supply stop(s).Turn off the inlet pipe. Activate the faucet to relieve any pressure in the system.

Clean the screen filter using fresh tap water. If necessary, use a small brush to clean. Use caution while cleaning to prevent damage to the solenoid screen filter.

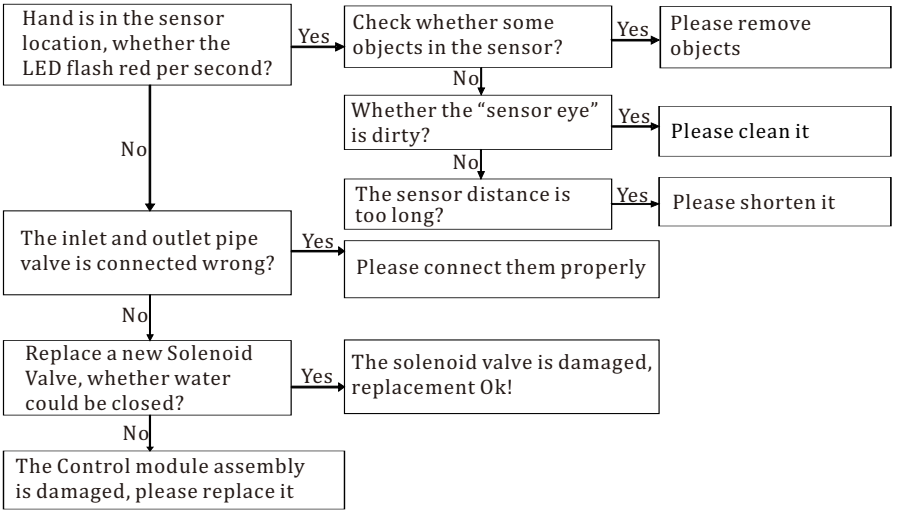
Connect the inlet pipe; turn on the water supply at the supply stop(s). Activate the faucet to purge any air from the system lines. Check for leaks and repair as necessary.

Troubleshooting Guide

Problem: Sensor is activated but faucet doesn't flow water.



Problem: Faucet does not stop delivering water?



Remote Controller User's Guide

Functions: Infrared Remote Control

1. FLUSH/RUN Water: Flow Time Increase
When this button is pressed once, it will increase water flush/flow time by '5 seconds'. Each key press represents 5 seconds 'flow time' increment.

HOW TO:
With remote control facing/pointing towards the sensor, press once, a solid LED light comes on first and briefly followed by 3 LED light flashes. Each key press increases water flow time by 5s. For example, press 1 time =5s, press 2 times= 10s, 3 times= 15s etc.

NOTE:
Each key press must be registered by sensor module first before setting another parameter. For example, if you want the tap to run for 10 seconds, press this key once and let it register (which equals 5s) and press it again the second time to increase it from 5s to 10s and so on.

2. FLUSH/RUN Water: Flow Time Decrease
When this button is pressed once, it will decrease water flush/flow time by '5 seconds'. Each key press represents 5 seconds 'flow time' decrement.

HOW TO:
With remote control facing/pointing towards the sensor, press once, LED light flashes 3 times. Each key press will decreases water flow time by 5s. For example, press 1 time =-5s, press 2 times= -10s, 3 times= -15s etc.

NOTE:
Each key press must be registered by sensor module first before setting another parameter. For example, if you want the flow time to be decreased by 10 seconds, press this key once and let it register (which equals -5s) and press it again the second time to decrease it from 10s to 5s and so on.

3. Increase Sensor Distance
This button will increase the sensor distance by/between 2-5cm.

HOW TO:
With remote control facing/pointing towards the sensor, press once, a solid LED light comes on first and briefly followed by 3 LED light flashes. Each key press increases sensor proximity zone, and represents 2-5cm increment.

**Sensor distance range scope is around/between 7cm-35cm*

4. Decrease Sensor Distance
This button will decrease the sensor proximity distance by/between 2-5cm.

HOW TO:
With remote control facing/pointing towards the sensor, press once, a solid LED light comes on first and briefly followed by 2 LED light flashes. Each key press increases sensor proximity zone, and represents 2-5cm increment.

**Sensor distance range scope is around/between 7cm-35cm*

5. Auto Search
This button allows the 'automatic' settings of the sensor proximity sensor range.
HOW TO:
With remote control facing/pointing towards the sensor, press once, a solid LED light comes on first and briefly followed by 5 LED light flashes. During these flashes, the sensor will auto-calibrate itself and adjust its infrared distance settings in accordance with environment.

This button can also be used to set the sensor distance manually.
For example, once this button is pressed, place hand/object at desired position/distance where you want sensor range to end and it will automatically calculate the distance from sensor module to hand/object.

6. Standby
This button will put the sensor on standby or 'inactive' mode. This is particularly useful if the tap needs cleaning or simply trying to put the sensor tap 'out of action' during holiday period. When this mode is active, the sensor will not respond to any interaction with it until it's switched ON again.

HOW TO:
With remote control facing/pointing towards the sensor, press once, LED light comes on and stays on for 2-3 seconds and then goes off. Standby mode is now active.

To disable, press once, LED light comes on and then stays on for 2-3 seconds 'twice' and goes off.
Standby mode is now deactivated.

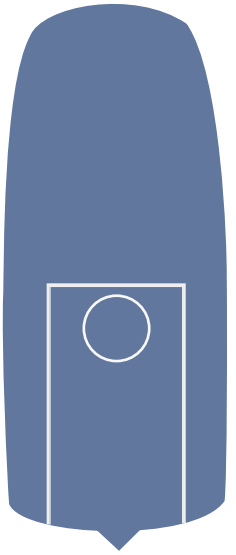
Signals
When a key is pressed, please wait for the signal to register with the sensor module before attempting to set another parameter.

Position of remote control:
Depending on the sensor tap design, make sure the remote control is pointing at the sensor receiver in order to register signals/communications. If communication between sensor module and remote is erratic, try moving the remote control at a slight angle for better connection.

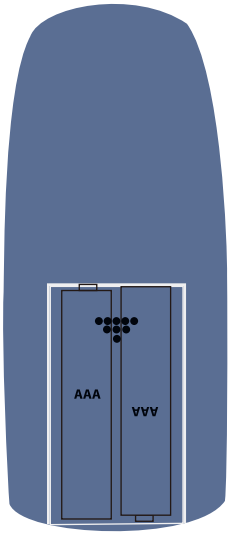
Waterproof
This device is not water/splash proof. Avoid getting too close to the spout of sensor tap, as this will trigger the sensor eye and could get the device wet.

TIP:
If you need to get closer to the spout in order to set parameters (i.e. sensor taps with integrated spout sensors), try switching off water supplies for 'dry setting'.

Battery Installation



Push down slightly on the area circled and slide downwards to remove back cover



Insert 2x AAA batteries