

Thank you very much for buying the sensor faucet(tap)

This sensor faucet is equipped with an infrared sensor for activating the solenoid valve; In order to ensure the proper installation and use, please read the following instructions carefully. Improper installation or use may cause a malfunction and/or void the warranty.

1. SPECIFICATIONS

ACTIVATION	Activated by an infrared sensor. This product will start and stop operating automatically with maximum flow duration of 60 seconds
DESIRED HYDRAULIC PRESSURE	0.5-1.0 Bar (Maximum) 1.0-4.0 Bar (Preferred)
SENSING RANGE	5-30cm
POWER	4×1. 5V AA size Alkaline battery (DC Model) 230V 50/60Hz (AC Model)
BATTERY DURABILITY	Approx. 109500 cycles(1.5 yrs@200 uses/day)
FLOW RATE	6L/min (2L/min Singapore)
WATER TEMPERATURE	0-45℃
SIZE OF INLET	G(½)"

2.FEATURES

- a) Convenient

Water starts flowing automatically when the user’s hands are placed within the sensing range. When the hands are moved out of the sensing range, the water will stop flowing immediately.
- b) Outstanding water saving effects

There will be no wasting of water as the water flows only when the users put their hands under the faucet with low flow rate of 6L/min (2L/min Singapore).

4. IMPORTANT PRECAUTIONS

- a) Avoid excessive impact or force on the faucet body.
- b) Don’t install this product in areas affected by strong magnetic.
- c) Forbidden force or severe vibration. Avoid exposure to direct sunlight.
- d) Since the body of the product is composed of metallic and molded parts, clean it with neutral detergent and soft cloth only.
- e) Never use benzene, thinner or acid detergent.
- f) If the sensor is stained with soap water or other impurities, the product may malfunction.
- g) Any impurities in the water may reduce the flow rate or lead to malfunction.
- h) If the indicating light flashes continually, it is means the battery voltage is not enough, please replace the battery immediately.
- I) Clean the filter regularly to prevent water pipe blockage and caused water flow smaller.

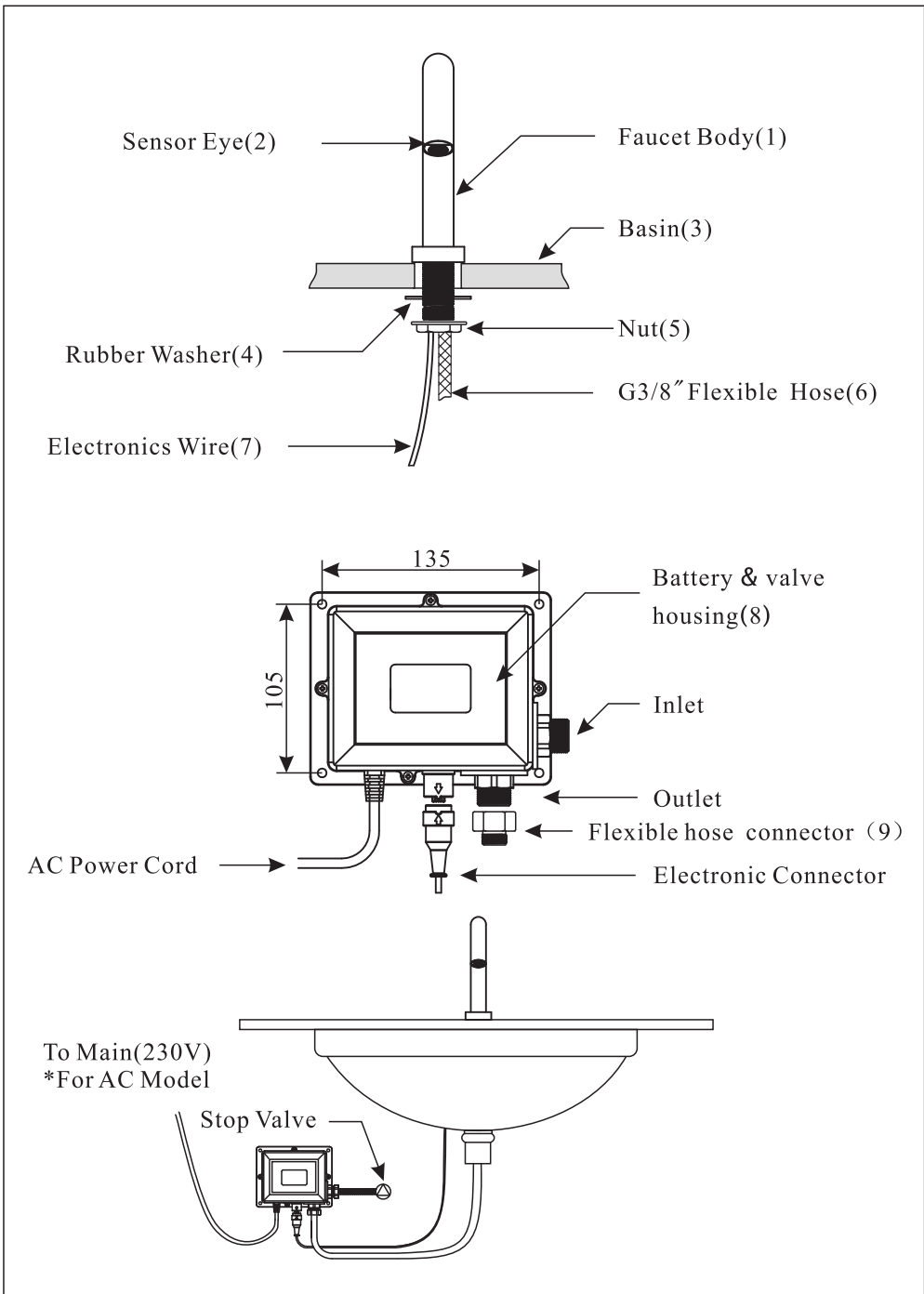
5. INSTALLATION

- a) Drain water for one minute to remove all the foreign substances from the interior of the water pipe.
- b) Close the water supply valve(s) and remove any existing conventional faucet.
- c) Insert “O-ring” between faucet body and wash basin.
- d) Insert the main body in the central hole of the wash basin (be careful not to damage the electronic wire(7)).
- e) Fit the rubber washer(4) , Secure with the nut(5).
- f) Install the battery & valve housing(8) on the indicated position of the wall.
- g) Connect the electronic wire(7) to the battery & valve housing(8).
- h) Connect the flexible hose connector(9) to the outlet of the battery & valve housing(8).
- i) Connect the G3/8" flexible hose(6) to the flexible hose connector(9).
- j) In two minute, according to the environment, the system will automatically adjust sensing distance, please don’t put any objects in front of the sensor.

6. CHANGING OF THE BATTERY(*For DC Model)

- a) Open the battery & valve housing and take out the battery box.
- b) Replace the old batteries with 4×AA new Alkaline batteries, then replace the battery box.
- **Take note of the correct battery polarity.

3. DRAWING



7. TROUBLE SHOOTING

Check the following before contacting the service center.

1. Water does not flow when hands are placed within the sensing range.

CAUSE	CHECKPOINT
a) Suspension of power supply	-Ensure the battery connector is properly connected and the battery wire is not damaged.
b) The water supply valve is closed	-Ensure that the stop valve is open.
c) The battery has expired(Below 4.3V)	-Change the battery.

2. Water flow rate is too small

CAUSE	CHECKPOINT
a) The water supply valve is opened slightly	-Fully open the water supply valve.
b) Water pressure is too low	-Check whether water pressure of other pipeline is the same.
c) The flexible hose is poorly connected	-Check whether the hose is bent or folded
d) The strainer is dirty	-Remove the strainer(s) and clean it.

3. Water flow non stop

CAUSE	CHECKPOINT
a) The sensor eye is stained with a foreign object	-Clean the surface of the sensor with neutral detergent.
b) The battery has expired(Blow 4.3V)	-Change the battery. -Use only Alkaline battery.