

Automatic Faucet HY-9106

Power Supply: AC100-250V / DC 6V

Static Consumption: <0.3mW

Dynamic Consumption: <2.5W

Induction Confirming Time: <=1s

Max. Washing Time: 60s

Detection Zone: 10~30cm

Dia. of Inlet & Outlet Pipe: G1/2 (DN15)

Storage Temp.: -15~60°C

Ambient Temp.: 0~40°C

Suitable Moisture: Below 95% RH



Features:

- Super mini designed PCB is controlled by computer chip, saving power intelligently. W/ mini chip controlling, the static power consumption will be no more than 60uA.
- Hygienic: Self-open and close to free hands from any touching, which can prevent you from bacteria mutual infections.
- Overtime Protection: It will shut off automatically when it flows over 1min continuously to avoid water wasting caused by obstacles inside detection zone.
- Detection Zone Adjusting Automatically: W/ controlling of mini-computer, it can set up the best detection zone according to the environment automatically.
- Intelligent Power-Saving: Controlled by low-consumption chips and with power-saving working mode, the faucet is super low-consumption. (DC-type products use 4pcs of AA Alkaline batteries. Its statics current is no more than 60μA. Its lifetime can reach 18 months when it's use 200cycles per day.)
- Power Leakage Warning: When the voltage of battery is less than 4.6V, the red indicating light will flash to remind you to recharge.
- Optional Power Supply: AC (110-250V Alternative Current), DC (Use normal 4pcs AA Alkaline battery) and UPS (Normally for 100-250V AC Power Supply. When power is cut off, the battery inside will get to work immediately) power supply is optional.
- Intelligent Detecting: Water comes out once your hands get into the detection zone. And it will stop once you leave the detection zone. Sensor Confirming Time is less than 1s.



AUTOMATIC FAUCET SPECIFICATION MANUAL

MODEL AND SPECIFICATION

Model	AUTOMATIC FAUCET	
Power	AC /four sections of no.5	alkalescent battery
Consumption	when it is flushed 5w	about 2.5years(average: 100times/day)
Pressure of water supply	0.1Mpa	
	0.6Mpa	
Inductive Distance	inductive distance set automatically according to different lavatory	
	to adjust 15cm- 30cm after leaving factory according to standard inductive board (non automatic and adjustable product)	
Induction time	≤0.8seconds	
The temperature of environment	0-40℃	
The temperature of water	0-80℃	
Pipe diameter	PJ1/2	

FUNCTION AND CHARACTER

1. Automatic function:

When your hands approach the inductive parts, the water will come out and when your hands leave, it will stop automatically.

2. Cleanness and Sanitation:

The water will come out and stop automatically without touching the metal parts and it is convenient and hygienic. In case of germ' crossed infection, it must be disinfected effectively and flushed once automatically after an interval of 24 hours if necessary.

3. Function of saving water :

Because of your busyness , automatic function can prevent you from wasting water , and there is overtime induction or the automatic fuction of the induction because of its continuous misleading by eyewinkers , and the effect of saving water is obvious .

4 . Faucet filter: The setup of filter can prevent the sand and solid materials in the water from outflow .

5. Installation of simple dry battery : Troublesome work of electric wiring can be omitted and you will feel much safer .

6. The inductive distance adjusted automatically (optional)

The inductive distance can be adjusted automatically according to the lavatory and environment .

7. Elegant appearance: Streamline design on product exterior caters to modern trend

8. Self-adjust the inductive range according to the size of washbasin and application condition. Regular adjusting inductive range malfunction caused by changes of application condition can be avoided.

9. Flushing electromagnetic valve and water-softened device are installed inside. It is easy to use with the feature of even and smooth draining.

● Notes: Inductor must be connected if water flows without end during installation. Water flow may automatically shut when induction is done by installing battery or connecting power supply. Separate water valve cannot be opened until both pressure-resistant testing and water leakage examination against waterpipe are completed.

Installation schematic drawing

● Notes: This configuration is applicable for aperture above 28-35mm

