

Automatic Wall Mounted Faucet

Features and functions

WATER-SAVING:

Water flows out when people enter into sensing range and stops automatically once people leave, saving water dramatically.

HYGIENIC:

Self-open and close to free hands from any touching, which can prevent you from bacteria mutual infections.

INTELLIGENT:

Control by SCM. It has been set with the function of flowing-self-stopped over one minute to avoid water wasting because of continues error induction by stumbling blocks.

POWER SUPPLY:

AC220V/50Hz or DC6V (4 pieces AA alkaline batteries); Also can be operated by AC220V with battery backup (for controller #1 only).

STRAINER DEVICE:

Strainer can be removed and clean to prevent blocking.

ANTI-BLOCKING NEEDLE:

The solenoid valve is protected by anti-blocking needle inside.

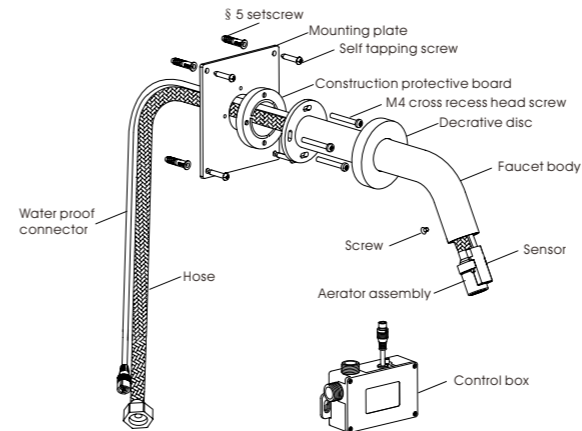
Main Technical Date

model	A	D	AD
Power&voltage	220V~50Hz	6V ---	a.c.220V with d.c. 6V back up
Water pressure	0.05~0.7MPa		
Water temperature	0.1~60°C		
Ambient temperature	0.1~45°C		
Dia.lblet pipe	G1/2"		
Sensor distance	12~3cm		
Water flows volume	5L/min (Dynamic pressure 0.3MPa)		
Consumption	Static working currents ≤ 30 μ A		

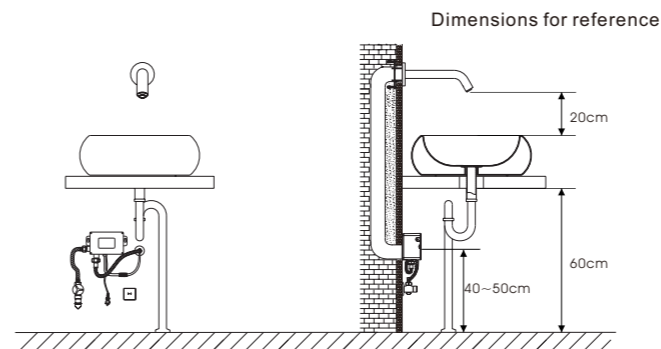
*Thanks for choosing the automatic wall mounted faucet.

*Please read the instruction before installation and retain it well for future reference

Parts Drawing

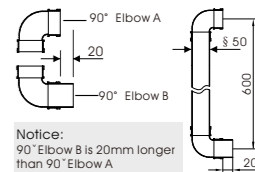


Instruction Diagram

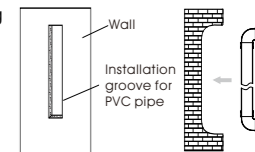


Installation Instruction

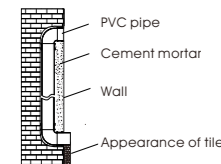
1. Please connect both ends of straight pipe (§ 50mm) with two 90° elbow pipe fitting. Make the length of PVC PIPE assembly for 600mm. (The final decision is determined by construction site)



2. According to the general assembly drawing and the size of PVC PIPE assembly, chisel a groove in the wall, put the PVC pipe into the slot.



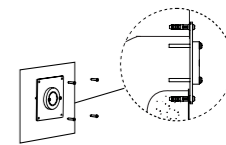
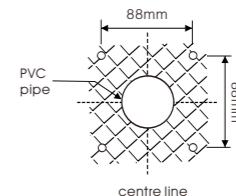
3. After fixing the completed PVC pipe, Put the cement sand propeller around the PVC pipe.



Notice:
Please pay more attention on cutting the PVC pipe ; make sure it is abreast as wall so that the end of pipe is in the same level as wall.

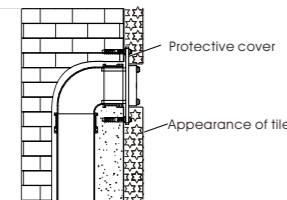
4. Please assemble the mounting plate and construction protective cover with two pieces of M4 CROSS RECESS HEAD SCREW.

5. Please drill 4X § 6 holes in the wall according to diagram1, put 4x § 6 setscrews in the holes. Please fix the assembled mounting plate according to diagram2.

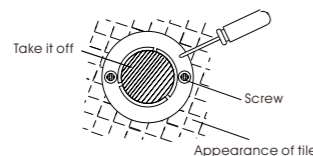


Notice:
Please make sure the 4 holes are vertical divided the centre line.

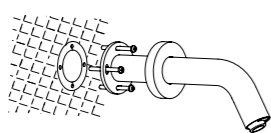
6: According to the position of construction protective cover, please open a 54mm circular hole on the tiles. After that, cover the tile on the wall.



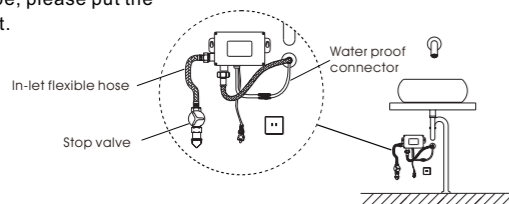
7. Please use the straight screwdriver to remove the dash area at right diagram, then undoing two screws which is fixed the construction protective cover.



8. According to the construction diagram, put the hose and waterproof connector into the hole where we removed. Then use the M4 cross recess head screw to fix the faucet in the wall and move the decorative cover to the bottom.



9. Please connect the inlet hose and faucet hose to the control box, meanwhile connect the waterproof connector. If you chose A type, please put the plug in the socket.



Induce distance

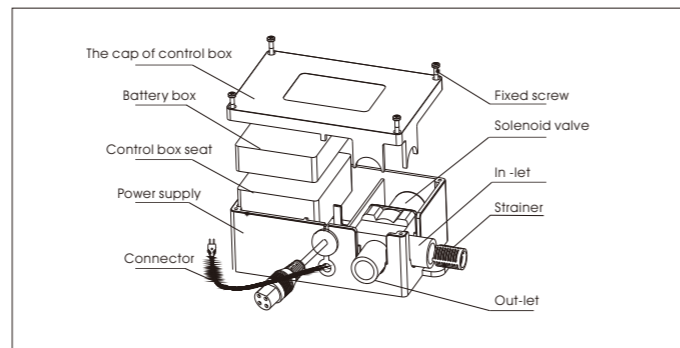
Faucet starts on scan when be powered on. The indicator light will flicker 8 times continuously, (Please don't put any object on the front of sensor area) the induce distance will be adjusted itself.

Induce Test

Water should flow out when your body or hand close to faucet and stop immediately once you leave. It is also set with the time-out control (1 minute) of water supply. Induce it again if you need.

Battery change

- The indicator light flicker 3 times in 1s automatically when battery life is end and the inductor doesn't work.
- Please change batteries in time when indicator flickers.
- Select 4AA alkaline batteries when changing batteries, the new and old can't be used together.
- Take off the cover of control-box, then takes the battery box out, and screw off the setscrew.
- Put new batteries into the battery box according to + and - direction.
- Close the battery box with cover and fixed with screws.



Clean the Solenoid valve

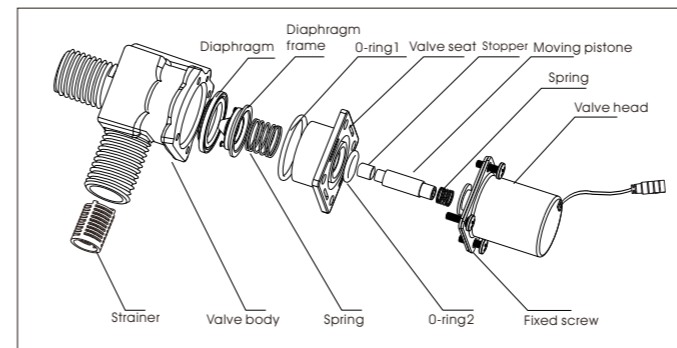
- Please remove the shell, unplug the connector, and unscrew the hose and the screw, take the control box from the wall.
- Please back-out the screw on the control box, open it and take out the solenoid valve.
- Please use the cross screwdriver to unscrew 4 pcs of screws and take out the valve head. Please remove the cap of valve, take out the diaphragm and frame, make the small hole no blocking with needle.
- Please check the stopper on moving pistons, and see if it is out of shape or something dirt inside, please use the water to clean it.
- Please make sure there are no dirt inside the valve seat, then close the shell.
- After cleaning, please assemble all of the parts, and assemble the control box.
- Please put the control back to the wall, install the hose, and open the in-let valve. We finished the clean the solenoid valve by now.

Notice:

Please make sure the power is off before cleaning.

Please don't forget to put the spring and moving pistone back when you assemble the valve head.

Parts of solenoid valve



Strainer clean

Please close water inlet valve, screw off the hose from inlet connection of control box and take off the strainer, clean strainer with water and soft brush, then install items back.

Notice:

- Please close the water inlet valve if water flows out continually and can't be stopped, contact sales merchant for help.
- Please clean strainer regularly according to quality of water to avoid blocking.

Notice:

- To avoid troubleshooting , please don't tap the product as it has been installed precision electronic components and solenoid valve.
- To avoid damaging the product surface or corroding inner electric component. Please use soft cloth with neutral liquid to clean its surface, then use dry wring cloth to wipe off liquid and then make it dry with dry soft cloth. Don't use water flush it or use detergent, which includes massive powder, or something with high acidity, alkalinity or nylon brush etc. Especially note that don't damage glassy cover of sensed window to avoid reduce the sensitivity.

Quality guarantee:

For guarantee please refer to the terms and conditions of supply for your country