

Instructions

Integrated sensor urinal

Safety Precautions

1. Check the product accessories. If any are missing, please contact the local dealer
2. Before installation, please read this manual carefully and formulate a reasonable installation plan.
3. Do not affix any reflective items such as stainless steel on the wall opposite the sensor window or install similar photoelectric sensors, as this may cause incorrect operation.
4. Do not install this electronic sensor in direct sunlight or under strong lighting conditions, as this may cause a decline in its sensing performance.
5. Before installation, please ensure the water supply is connected and the pipes are flushed to remove any impurities inside to prevent damage to the valve core
6. After installation, it is necessary to ensure that the inlet and outlet pipes are free from any kinks or leaks.
7. This product has the functions of adjusting the flow rate and shutting off
8. It is strictly prohibited to use corrosive cleaning agents such as toilet cleaner and sulfuric acid to clean

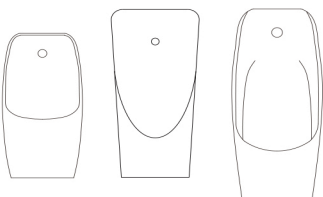
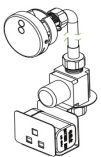
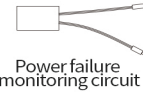
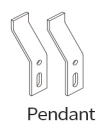
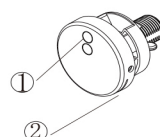
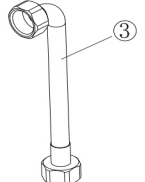
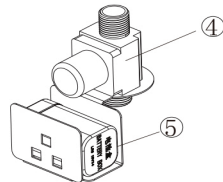
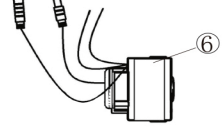
一、Function and Characteristic

1. Fully automatic flushing urinal, effectively eliminating odors, convenient, hygienic, water-saving, and contact-free
2. Depending on the product number, this product offers various power supply options such as direct current and alternating current
3. Four high-quality alkaline 5-volt batteries, suitable for installation in frequently used public places
4. The electronic components are sealed with epoxy resin, enhancing the product's waterproof and moisture-proof performance
5. Using the two-stage filtration technology, it is suitable for different water quality environments and will not fail even after long-term use.
6. Humanized design: Every 24 hours, the product will automatically flush once to prevent the water in the urinal from drying up and causing unpleasant odors to reappear.
7. It has an operation status indicator and a low voltage alarm indicator as indication functions, which clearly display the usage status and make maintenance and operation more convenient

二、Model specifications and technical parameters

Flush time	First	2-3 seconds	Water pipe diameter	G1/2-14, DN15
	Second	5-8 seconds	Working water pressure	0.05Mpa-0.7Mpa
Power supply mode	DC6V, prepare first AC(100~240V)		waterproofing grade	IP56
Sensing distance	Factory setting: 55CM (for standard whiteboard)		Operating environment	temperature1-55°C, humidity≤95%

三、Product component names and accessory list

       						Product Accessories List	
						Name	QTY
						Ceramic urinal	1 pc
						Inductive control component	1 set
						Expansion tube, screw hanging piece	1 set
						Urinal drainage pipe assembly	1 set
						Urinal drainage pipe assembly, battery	Each 1 set
						box, AC	Each 1 set
   						Names of all product components	
						① Inductive probe	
						② Spray head (spray nozzle)	
						③ connection hose	
						④ Solenoid valve	
						⑤ Battery box	
						⑥ AC adapter	

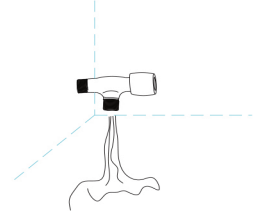
If there are any technical modifications to the product, they will be incorporated into the new version of the manual. We will not issue any additional notifications.
For any changes in appearance, color or accessories, please refer to the actual product.

Instructions

四、Preparation before Installation

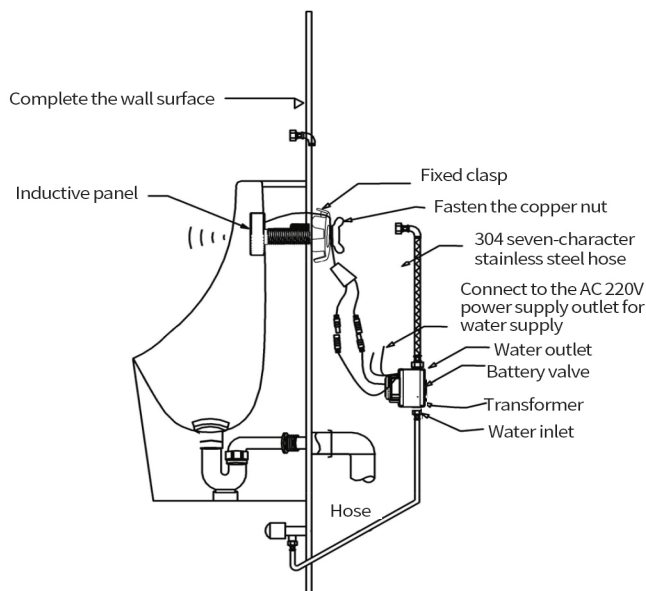
★Before installation, please pay attention to the following matters:

1. Please ensure that the flushing panel is at least 1 meter away from the door (too close may cause the flushing device to fail to respond and stop working);
2. According to the installation dimensions instructions, install the water supply pipeline (refer to the installation steps) and the ceramic urinal basin;
3. Before installation, it is necessary to clean out any dirt from the water supply pipe to prevent it from getting clogged after installation;
4. After the pipeline connections are completed, please conduct water tests on each connection to prevent water leakage in the pipes after installation;
5. When filling the mortar, the pipe joints need to be covered to prevent the pipes from being suspended;
6. Before installation, be sure to protect the ceramic urinal and sensor components well. When cleaning, pay attention to protecting the sensor panel, sensor window and spray head appearance



五、Product Installation Diagram

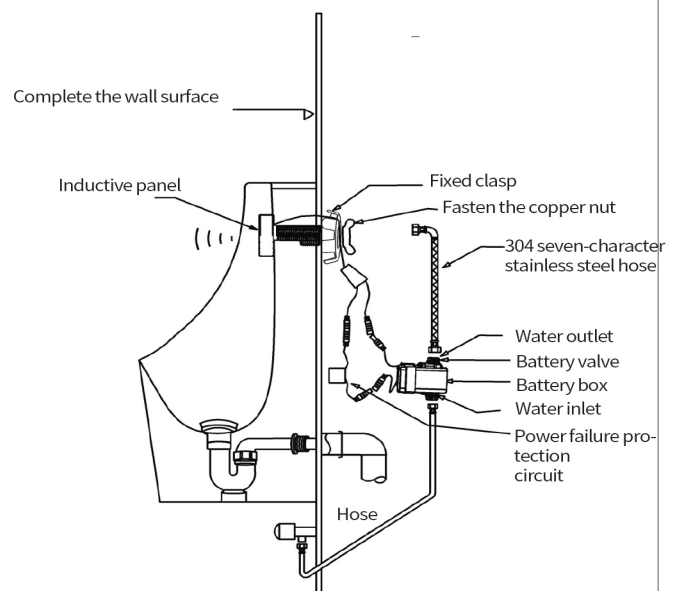
Communication installation wiring diagram



The regulating valve hose is available for optional selection

When the wall surface does not have a pre-installed angle valve, an optional one can be selected.

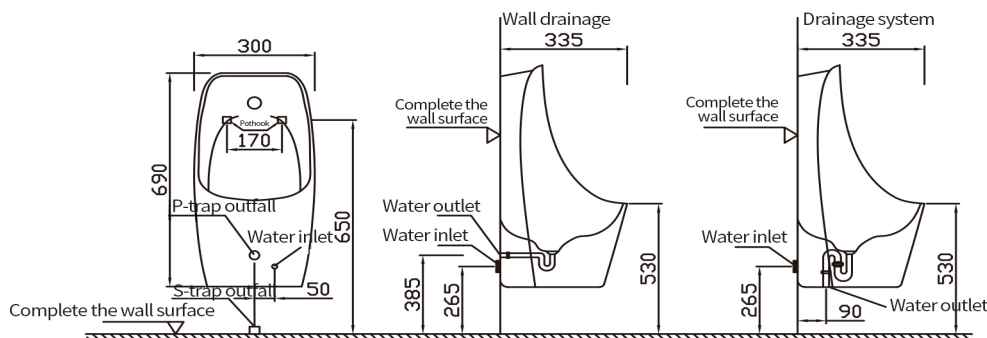
DC Installation Wiring Diagram



The regulating valve hose is available for optional selection

When the wall surface does not have a pre-installed angle valve, an optional one can be selected.

Integrated sensor urinal (installation diagram)



Note: The installation dimension diagram is designed based on the normal installation guidance height where the front end of the urinal is 530mm above the ground. The installation dimensions can be increased or decreased according to the actual installation height requirements. This product can reserve a drainage method for wall drainage or floor drainage as per the customer's needs. A $\phi 50$ PVC drainage pipe is recommended to be reserved.

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For any changes in appearance, color or accessories, please refer to the actual product.

Instructions

1. Filter screen cleaning

If you notice that the water flow is reduced or the water can't be shut off, you need to clean the filter screen. First, turn off the angle valve, then follow the arrow directions shown in the diagram to remove the filter screen 4, rinse it clean, and then reinstall it in the original position.

2. Electromagnetic valve cleaning

When it is turned off and the water cannot be completely cut off, the electromagnetic valve needs to be cleaned.

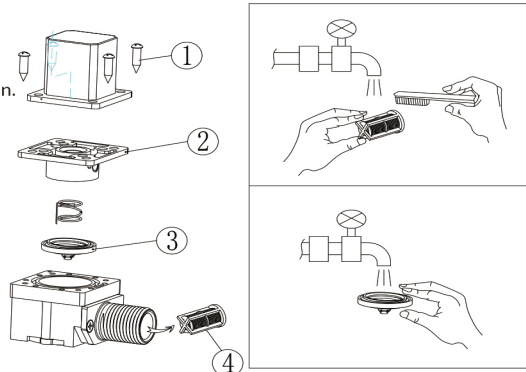
① First, close the angle valve.

② Use a Phillips screwdriver to unscrew the four screws of the electromagnetic valve 1. Then, remove the diaphragm assembly

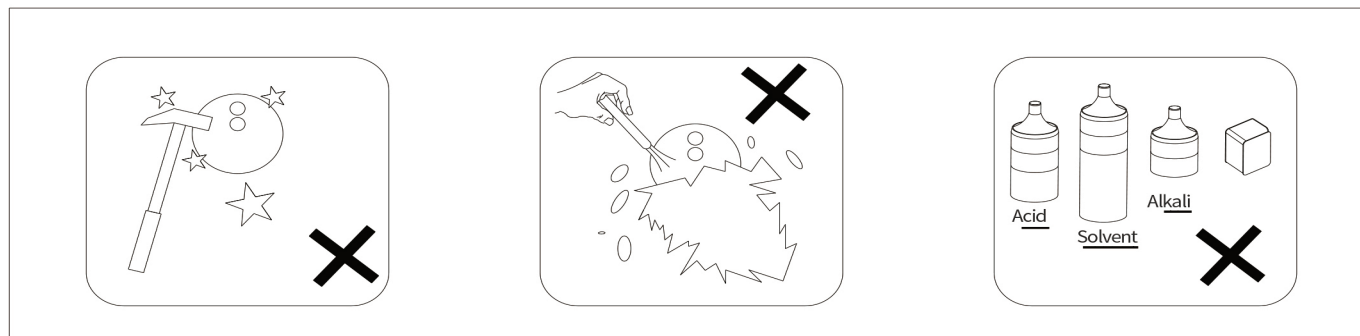
③ Clean the diaphragm of the electromagnetic valve 3, clean the inlet water filter screen 4, check whether the two small holes in the upper cover of the electromagnetic valve are blocked, remove the impurities, and then reinstall it in the original position.

★Notice:

1. When disassembling for cleaning, be sure not to lose the electromagnetic valve seal ring;
2. If necessary, vinegar can be used to remove the hard water deposits.



八、Cautions



九、Simple troubleshooting

The following situations are not product malfunctions. Before reporting for repair, please first confirm the following matters to rule out simple issues. If they cannot be resolved, then proceed with the warranty.

Instructions	Possible cause	Elimination methods
No flow	Running down of battery	Replace battery
	Cut off the water supply	Waiting for the restoration of water supply
	Too much impurities in the valve core have caused blockage	Clean the valve core
Nothing to do with water	Poor contact of the plug and socket	Reconnect
	Plug oxidation	Remove the oxide layer on the connector plug
	direct solar radiation	Avoid direct sunlight
	The diaphragm of the electromagnetic valve is contaminated with impurities	Clean the impurities of the electromagnetic valve
Low water volume	The flow regulation switch has been turned down	Turn up the flow adjustment switch
	The pipe is too thin	Enlarge the pipeline in accordance with the construction standards.
	Low water pressure	Increase water pressure
Short battery life	Using inferior batteries	Replace with high-quality alkaline batteries
No flow	Running down of battery	Replace battery
	The sensor window is dirty	Clean the sensor window

六、Instructions

1. The sensing confirmation time is less than 1 second. When the user enters the sensing area, the sensor initiates the first stage of the pre-rinse water program, which lasts for 2-3 seconds (to pre-wet the flushing surface of the ceramic urinal).
2. When the user leaves the sensing area, the sensor will execute the second flushing procedure within 3 seconds, and then for 5 to 6 seconds (to flush the ceramic urinal).
3. Scheduled flushing: The program is set to automatically flush the toilet once every 24 hours.
4. Low Voltage Alert: When the battery voltage drops below 4.8V and someone is present, the indicator light flashes continuously as a warning (continuous blinking), indicating that the battery is about to run out, ensuring the normal operation of the water pump.

