Product Specification and Applicable Scope

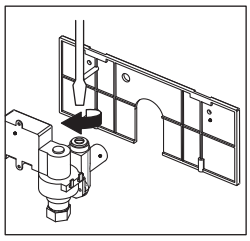
Description		Toilet Bowl Auto Sensor	
		AC	DC
Specification	Power source	110V/220V 60Hz	AA1.5V×4
	Power consumption	Less than 10W	100 times a day - one year
	Way of flushing	Two sections	
	Sensor distance	50 cm	
	Confirming time	About 3 seconds	
	1st speed flushing	About 1 second	
	2nd speed flushing	About 9 seconds	
	Water In-flow pipe size	PF 1/2	
	Outflow volume	Above 6 litres /min.	
	Applicable water pressure	0.3 to 6 Kgf/cm^2	
	Way of installation	Wall hanging type	
	External size	105.75×241.25×99.84mm	

- It will flush automatically after 24 hours when no one uses the toilet bowl.
- When the water pressure is more than 2Kgs, please install a pressure reducing valve.

Adjustment of the water volume

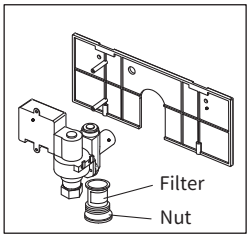
Use the one-recess head screwdriver to turn the one-recess head screw on the solenoid to adjust the water flow.

Clockwise – reduce the water flow
Counterclockwise – increase the water flow



Cleaning and Maintenance

When the outlet is clogged, take out the filter under the solenoid set to clean.



Urinal Flusher of Auto sensor

Installation and Operation Manual

Cautions:

- Please read this manual carefully before installation and use.
- Upon completing the installation, please be sure to hand this manual to the customer.

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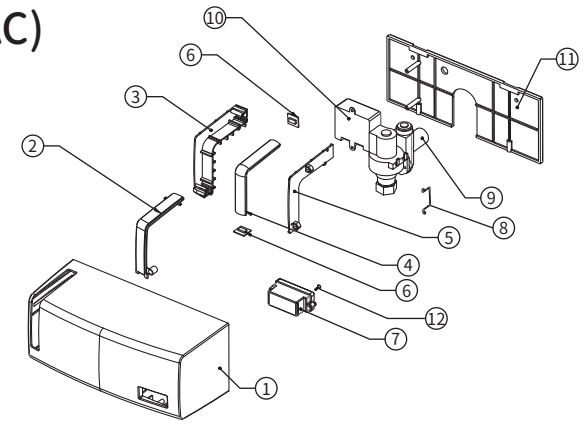
Troubleshooting and Treatment

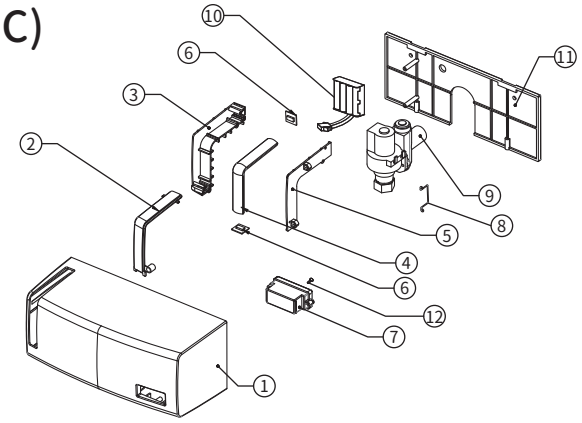
Problem	Possible cause	Treatment
Water keep flowing	1.Sensing area is unclean.	Wipe the outer casing with soft cloth or tissue.
	2. Solenoid is clogged.	Please call our service personnel.
No responding (with sensor light on)	1.Solenoid terminal not connected.	Connect the solenoid terminal again.
	2. Solenoid valve is out of order.	Please call our service personnel.
No responding	1. (AC)Power supply plug is not inserted.	Insert the plug.
	2. (DC)Insufficient battery power.	Please change a new battery.
	3. Circuit is broken.	Please call our service personnel.
	4. The object sensing more than 1 min.	Please remove the object.
Low water flow	1. Water inflow is too small.	Turn the triangle valve inflow bigger (refer to instruction of the adjustment).
	2. The filter is blocked.	Please remove items from the filter (refer to instruction of the cleaning and maintenance).

Product Parts Disassemble Diagram

(AC)



(DC)



Parts list

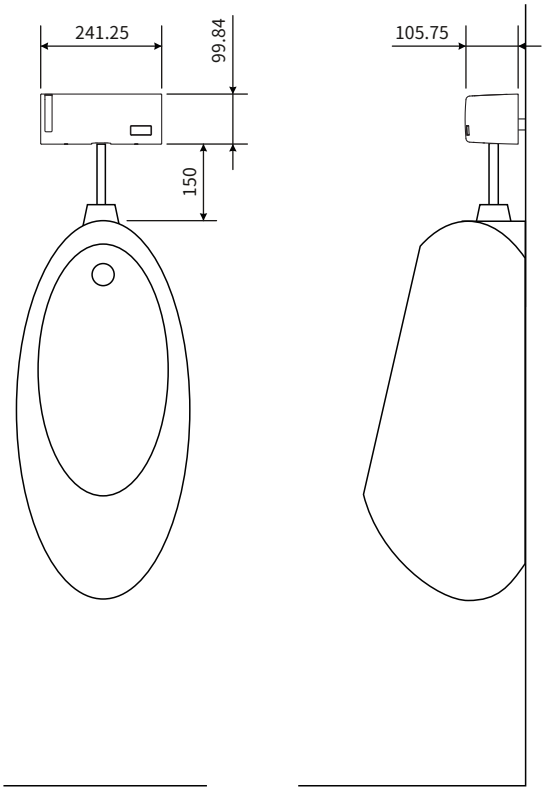
(AC)

Item	Description	Spec.	Q'ty	Remarks
1	Sensor Cover	ABS	1	
2	L-shaped Light Guide Plate	PC	1	With LOGO
3	L-shaped Light Guide left bracket	ABS	1	
4	L-shaped Light Guide	PS	1	
5	L-shaped Light Guide right bracket	ABS	1	
6	LED Light	Electronic IC	2	
7	IR sensor	Electronic IC	1	
8	Sensor Bracket	Stainless Steel	1	
9	Solenoid Valve Set	Copper/Steel/FRP	1	
10	Transformer	Silicon steel plate/ Electronic IC	1	110V/220V
11	Sensor Bottom Board	ABS	1	
12	Large Flat Head Screw	3×10	13	

(DC)

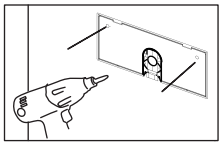
Item	Description	Spec.	Q'ty	Remarks
1	Sensor Cover	ABS	1	
2	L-shaped Light Guide Plate	PC	1	With LOGO
3	L-shaped Light Guide left bracket	ABS	1	
4	L-shaped Light Guide	PS	1	
5	L-shaped Light Guide right bracket	ABS	1	
6	LED Light	Electronic IC	2	
7	IR sensor	Electronic IC	1	
8	Sensor Bracket	Stainless Steel	1	
9	Solenoid Valve Set	Copper/Steel/FRP	1	
10	Battery Set	ABS	1	AA1.5V×4
11	Sensor Bottom Board	ABS	1	
12	Large Flat Head Screw	3×10	13	

Standard Installation Diagram

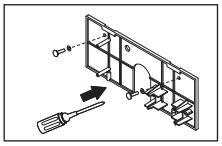


▪ Please install according to the actual ceramic size.

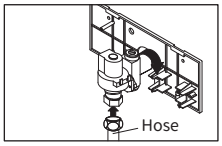
Instruction for assembly of the sensor



1. Please measure the distance to install the flusher and drill the holes.
※Please turn off the water and electricity supply before installation.

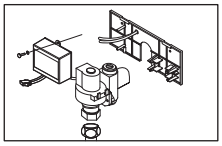


2. Install the Sensor Bottom Board on the drilled holes and screw up.



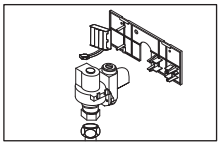
3. Wind the solenoid valve inlet into the appropriate amount of the venting tape, and then insert it into the water outlet of the wall in the clockwise direction and connect the hose on the urinal.

(AC)



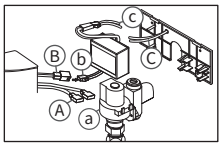
4. Connect the transformer's power wire link to the reserved wire and test.

(DC)



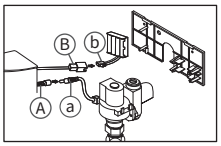
4. Take the battery set (with the battery inside), stick in the appropriate location.

(AC)

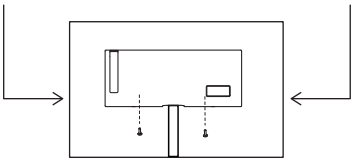


5. Connect the transformer to the connectors on the solenoid valve set and to the connectors of the sensor as shown, which A→a, B→b, C→c.

(DC)



5. Connect the battery set to the connectors on the solenoid valve set and the connectors on the sensor as shown on the label A→a / B→b on the illustration.



6. Put the sensor front cover on, and tighten up the screw.