AUTOMATIC URINAL FLUSHER

USER

MANUAL

Characteristic

Sensor Urinal Flusher

1. 4AA alkaline batteries lasts for 2 years based on 300 cycles per day.

2. It can do the flush automatic each 24 hours.

3. Saving water 30 ％ than the old type.

4. The flushing water quantity can adjust by itself.

5. The inductive distance could adjust according to the environment.
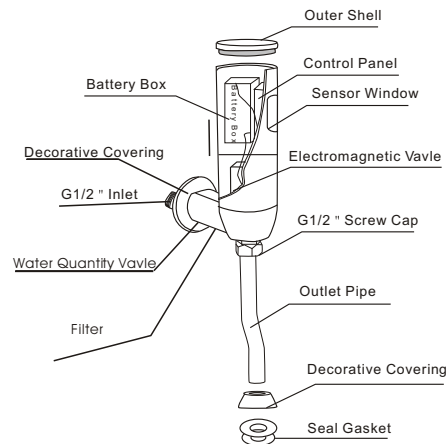
6. Low battery power indication.

Model &Technical Data

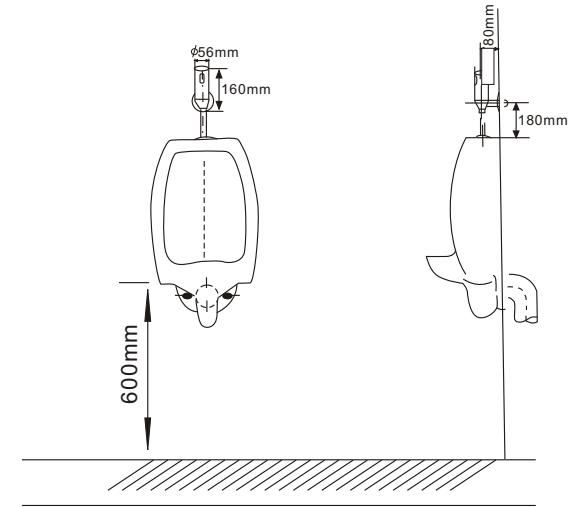| Model		
Power	DC6V(4AA alkaline batteries)	
Power	5W when flushing	Lasts 2years(100cycles/day)
Flushing Time	Flushing 2S before and 6S after the urinal.	
Water Pressure	Lowest water pressure is 0.05MPa	
	Highest water pressure is 0.6MPa	
Inductive Distance	The inductive distance could be adjusted according to the environment	
	Factory set 65cm	
Inductive time	3seconds	
Ambient Temperature	0.1 ～ 45 ℃	
Inlet pipe dia.	G1/2"	

Please do not use the sensor within 10 seconds after the installation. Or it will cause the inductive distance change and it takes about 5-6 minutes to recover by itself.
The flusher could not effective at the first time because of the inductive distance change and it will be in goog position in 5 minutes
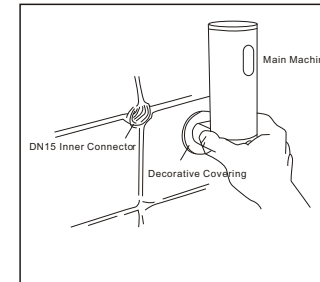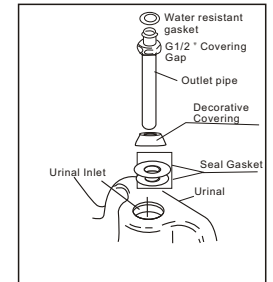
Parts Name

- Outer Shell
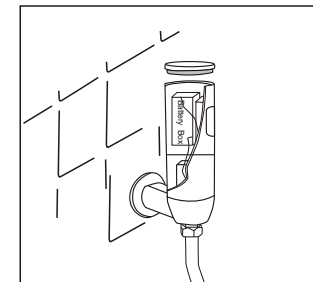- Control Panel
- Battery Box
- Sensor Window
- Decorative Covering
- Electromagnetic Vavle
- G1/2 " Inlet
- G1/2 " Screw Cap
- Water Quantity Vavle
- Outlet Pipe
- Filter
- Decorative Covering
- Seal Gasket

Installation Diagram

φ56mm
160mm
600mm
80mm
180mm

Installation Step

DN15 Inner Connector
Main Machine
Decorative Covering

Install the main machine to inner connector

Water resistant gasket
G1/2 ° Covering Gap
Outlet pipe
Decorative Covering
Urinal Inlet
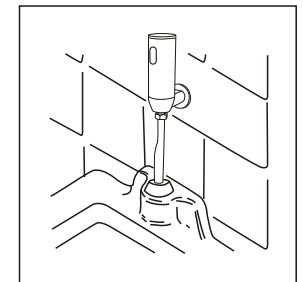Seal Gasket
Urinal

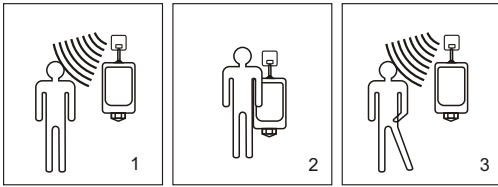Please do the installation as the above diagram

Please open the covering after the installation and take the battery box our then install the battery. Please take care the anode/cathode
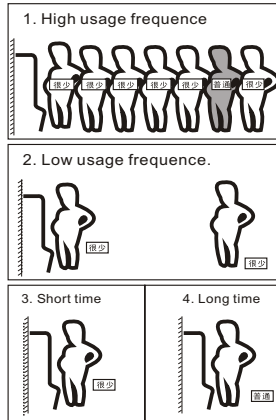

The correct installation diagram

User Manual

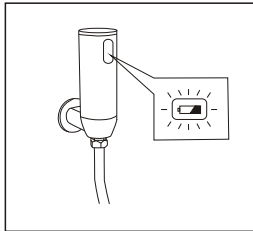Flushing 2S before and 6S after the urinal.

Intelligent flush way：

1. Inductive time is 3S.
2. Normal position:
   Flushing 2S before and
   6S after the urinal.

A.The second flushing time will be 2S
if the urinal time within 10seconds.
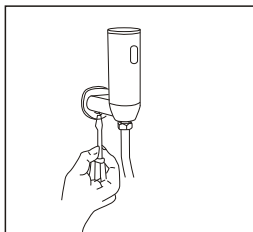B. The second flushing time will be
6s if the urinal time more than 10S.

1. High usage frequence

2. Low usage frequence.
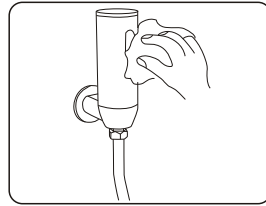
3. Short time

4. Long time

Maintanence

Inductive indication, low power indication
1.The light will flash in normal condition.
2.The sensor will out of service if the
power is not enough and the light is on.

Change Battery：Open covering and take
the battery box out then install new battery.
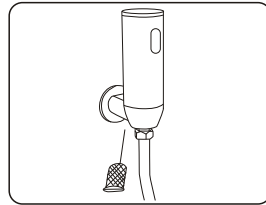Please do not use the battery with
different brand.

Maintanence

Please clean the inductive
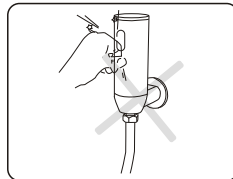window with soft cloth after
the installation.

Attention: The uncleaned
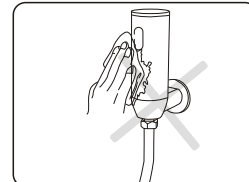inductive window will affect
the inductive distance.

Clean the filter:
Please clean the filter if the
outlet water is becoming small.

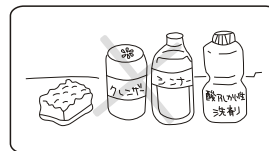★Attention: please close the valve before
you take out the filter.

Attentions:

Please do not collapse to
prevent the inductive problem.

Please do not clean it by water

Please do not clean it by acid
or alkali scour

Problem Elimination

Phenomenon	Trouble reason	Elimination
Not flush	Batteries Power-out(DC mode products)	Change new ones
	Power cut(AC mode products)	Await power supply
	Power supply trouble(AC mode products)	check power supply case
	No water	Await water
	Too dirty for strainer	clean strainrer
	Dirt or other object on sensor display	clean dirt or move object
	water pressure not under range	re-desingn as per specification
Not closed	batteries power-out(DCmode products)	change new batteries
	power cut (AC mode products)	Await power supply
	power supply trouble(AC mode products)	Check power supply case
	water pressure not under range	re-design as per specifiction
	Detection distance is self-adjusted from far to near	await 1 to 2 minutes
Little water afetr closed	lower water pressure	re-design as per specification
	Too dirty for strainer	clean strainer
Too small water flux	adjust too small flux	Adjust water control valve
	too dirty for strainer	clean strainer
	too lower water pressure	re-design as per specification
Too large water flux	adjust too large flux	adjust water control valve
Short for battery's span life	Not use alkaline battery or use fake of battery (DC mode Products)	change specified battery