

Beelee



| | |
|--|-------|
| Automatic faucet (cold & hot water)..... | 3-10 |
| Automatic faucet(cold water only)..... | 11-15 |
| Urinal flusher..... | 16-23 |

Thanks for your kindly patronizing and choosing our automatic faucet of brand. It is our great pleasure that you will keep on using our products in future and we are trying our best to offer better services to the customers.

In order to keep the product running well and with longer time in its service, we would like to draw your kindly attentions as follows:

- ▲ Please read the manual carefully before you install the products.
- ▲ The technical parameters have been set up and normally the user needn't to adjust them.
- ▲ Please do normally product maintenance during its service time.
- ▲ The company reserves the right to update the product technical parameters.

Features:

Water saving:

water flows out when your hands approach it and stops immediately once you draw them back, saving water dramatically. Dramatically saves water

Hygienic:

self-open and close to free hands from any touching, which can efficiently avoid bacteria mutual infections.

Intelligent:

with its micro-computer controlling its action, the faucet can self-adjust its best detection zone as per the color and shape of lavatory, unnecessary to debug manually.

To avoid water wasting because of continuous error in induction by stumbling blocks, it has been set with the function of flowing-self-stopped over a minute

Low power consumption:

For DC flushers, operates with 4 AA batteries (not included) with an average life of 2 years (The battery should be famous brand and less than 1.5 years from its production date).

Micro Control Circuit

The control circuit is minisize and solid state is integrated in the sensor with moisture and water resistance.

It is very convenient to adjust the water temperature and you will feel comfortable and softness when wash the hand.

The sensor will stop the water when less power.

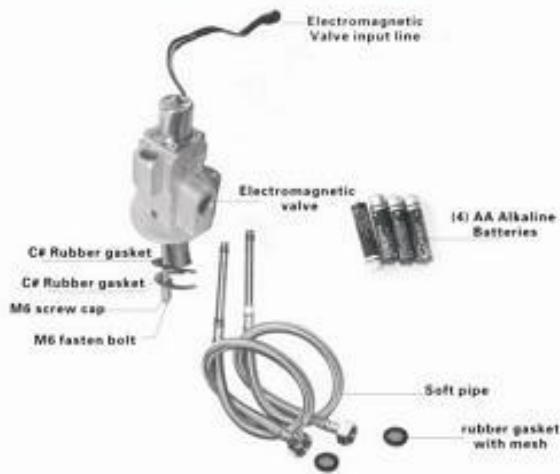
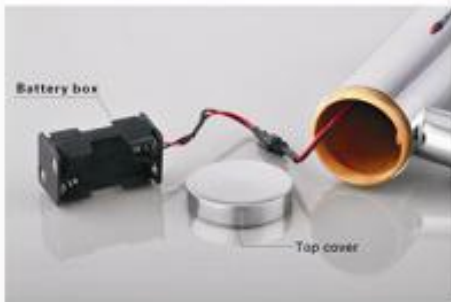
Customer information

| | |
|--------------|--|
| Buying date | |
| Buying Place | |
| Item no | |
| Number | |
| Records: | |

Note: In order to avoid your free maintenance right, please keep the guarantee certification and invoice thank you for your kind support!!!

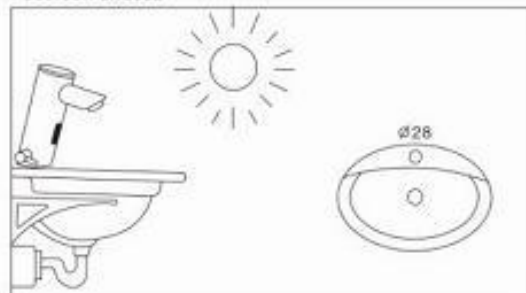
| | | |
|------------------------------------|--------------------------------------|--|
| POWER | DC6V 4 section No.5 alkaline battery | |
| POWER CONSUMPTION IN STATIC | $\leq 0.5\text{mw}$ | |
| INDUCTIVE DISTANCEA | 12-18cm | |
| SUGGEST WATER PRESSURE | 0.05-0.6MPa | |
| AMBIENT TEMPERATURE | 0.1-45°C | |
| WATER TEMPERATURE | 0-80°C | |
| INLET/OUTLET PIPE DIA. | G3/8"(DN15) | |

FAUCET PARTS:



NOTICE OF DESIGN AND INSTALLATION:

POSITION CHOICE

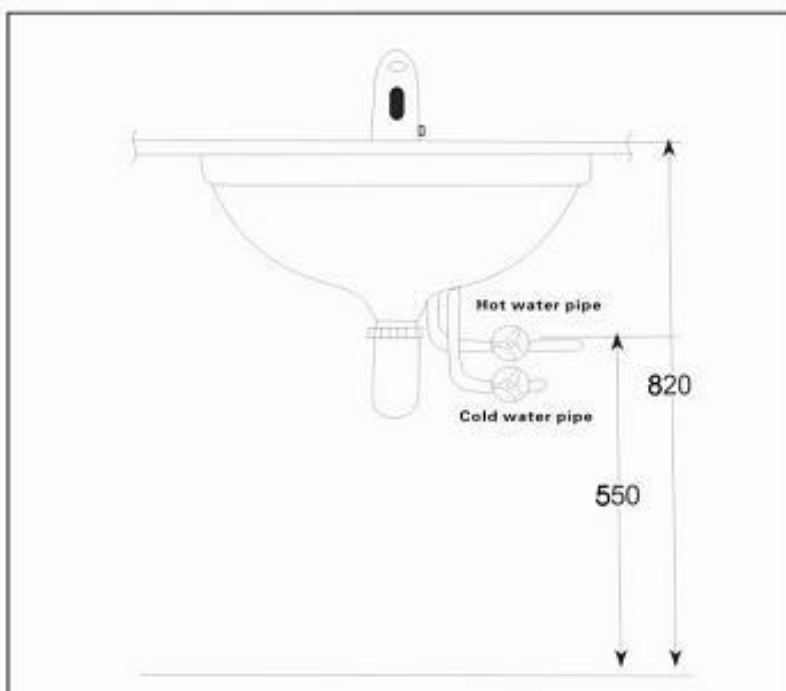


LAVATORY CHOICE

In the design and application , you should choose three hole lavatory (hole diameter > 28mm), or it will probably happen because of signal line disconnection caused by faucet body

The pipe line must be cleaned before installation , o
ows into the electromagnetic valve .

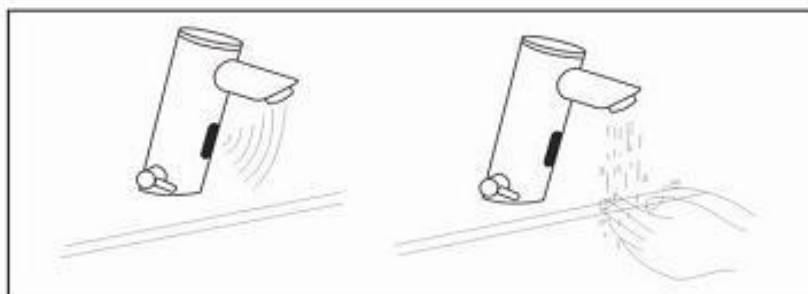
INSTALLATION DIAGRAM:



ATTENTION: please close the water when you do the installation.

METHOD OF USAGE:

ON AND OFF



* It will open automatically when your hands approach the induction district before induction window , and it will close automatically in 1.5 seconds once you leave .

* The machine will close automatically 1.5 minutes later or when there is different substance inside the induction district . If you need to wash continuously, please move your hands away at first for 2 seconds and induct again .

ATTENTION:

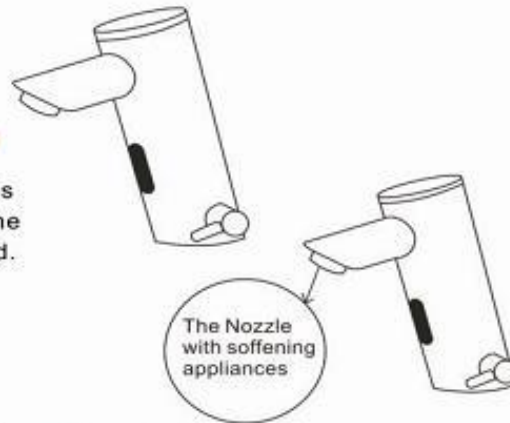
The inductive distance could be adjusted by itself and please check the working situation within 3 minutes after installing the battery. The product has been presetted and please don't adjust it in normal condition.



It is a mixer with the cold water in the left turning and hot water in the right turning.

POWER EXAMINATION

If the indicator light flashes 1 time per 4 seconds and the battery should be changed.



TO CLEAN THE FILTER :

Please unpack the filter after an interval of six and twelve months or if you feel that the stream is decreasing.

Step of cleanness :

- A: Turn off general valve which control water flowing
- B: Take out the Nozzle, clean the softening appliances.



Please prevent the faucet from strongly striking due to the inside electrical circuit and some other plastic parts.



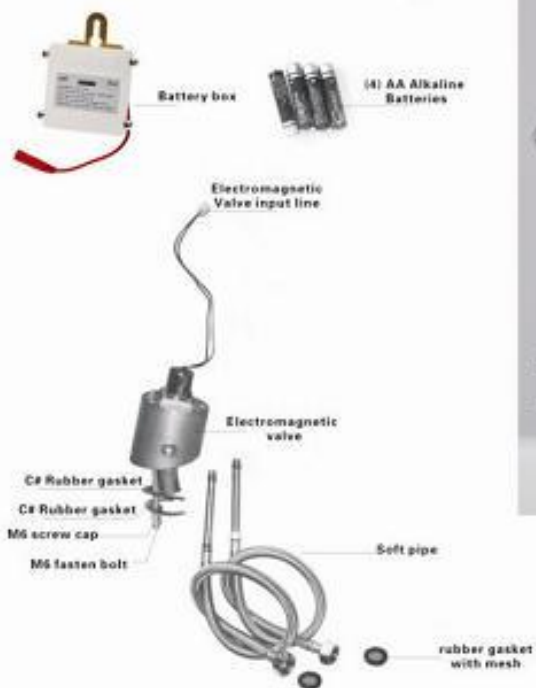
Please don't use the corrosive water or other liquid to wash the faucet. Please smear the water cere on the faucet and then use sponge to clean.



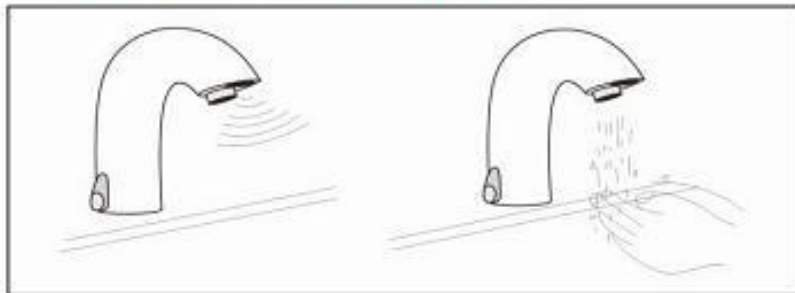
Please move the foreign object from the inductive window to keep the faucet working.

| | | |
|------------------------------------|--------------------------------------|--|
| POWER | DC6V 4 section No.5 alkaline battery | |
| POWER CONSUMPTION IN STATIC | ≤0.5mA | |
| INDUCTIVE DISTANCE | 12-18cm | |
| SUGGEST WATER PRESSURE | 0.05-0.6MPa | |
| AMBIENT TEMPERATURE | 0.1-45℃ | |
| WATER TEMPERATURE | 0-80℃ | |
| INLET/OUTLET PIPE DIA. | G1/2"(DN15) | |

FAUCET PARTS:



METHOD OF USAGE: ON AND OFF

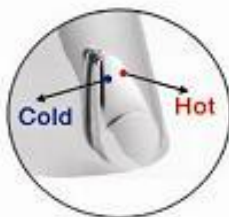


* It will open automatically when your hands approach the induction district before induction window , and it will close automatically in 1.5 seconds once you leave .

* The machine will close automatically 1.5 minutes later or when there is different substance inside the induction district . If you need to wash continuously, please move your hands away at first for 2 seconds and induct again .

ATTENTION:

The inductive distance could be adjusted by itself and please check the working situation within 3 minutes after installing the battery. The product has been presetted and please don't adjust it in normal condition.



It is a mixer with the cold water in the left turning and hot water in the right turning.

POWER EXAMINATION

If the indicator light flashes 1time per 4seconds and the battery should be changed.



CHANGE BATTERY

loosen the screw,
change old battery.



TO CLEAN THE FILTER :

Please unpack the filter after an interval of six and twelve months or if you feel that the stream is decreasing to the sample after cleanness .



Please prevent the faucet from strongly striking due to the inside electrical circuit and some other plastic parts.



Please don't use the corrosive water or other liquid to wash the faucet. Please smear the water cere on the faucet and then use sponge to clean.



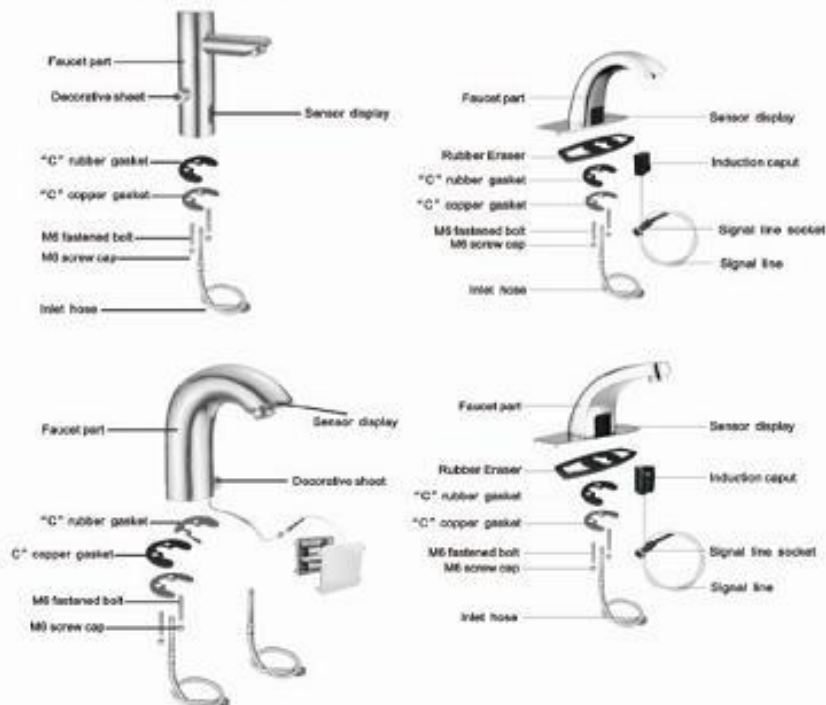
Please move the foreign object from the inductive window to keep the faucet working.



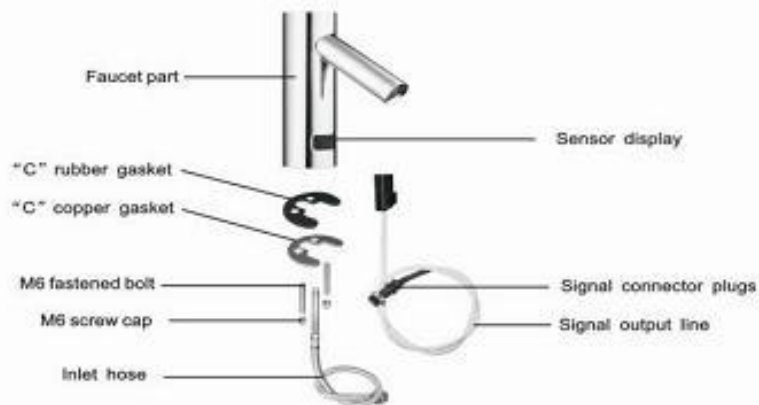
SPECIFICATION & MODEL

| Specification | | Remark |
|-----------------------------------|---|---|
| Power Voltage | AC220V(50/60Hz) DC6V(4AA alkaline batteries) | Choose DC6V or AC220V as per different demand |
| Power consumption in static | <0.5mw | When use 4AA alkaline batteries it can be used about 2 years as per worked 300 cycles one day |
| Detection zone | 12-18cm | With 30cmx30cm standard white sheet, it can adjust detection zone automatically according to different environment |
| Water pressure | 0.05-0.6MPa | |
| Ambient temperature | 0.1-45 °C | |
| Water temperature | 0-80 °C | |
| Diameter of inlet /outlet pipe | G1/2" (DN15) | |

UNIT NAME

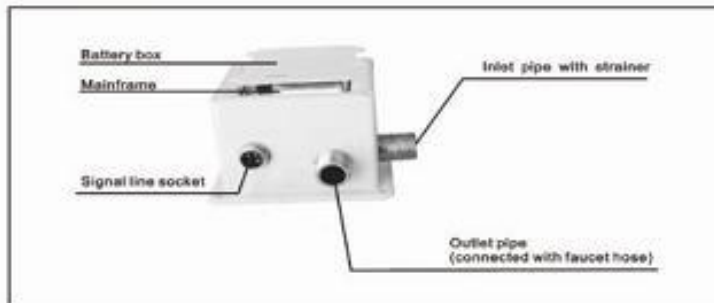


UNIT NAME

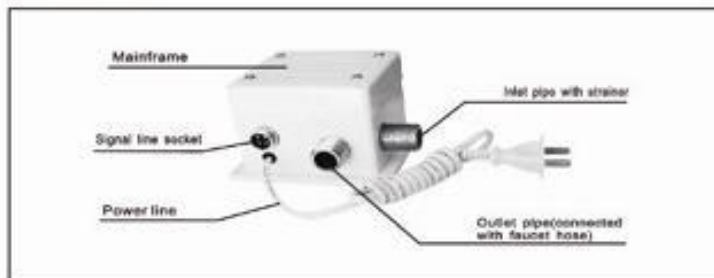


UNIT NAME

DC MODE

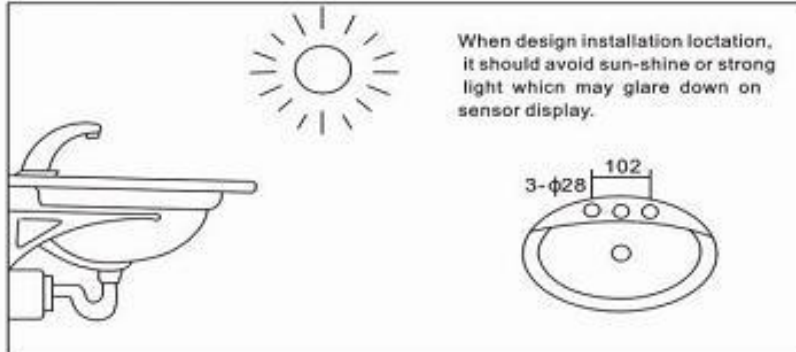


AC MODE



INSTALLATION WARNING

LOCATION DESIGN



BASIN DESIGN

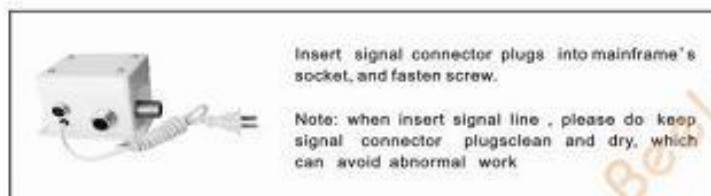
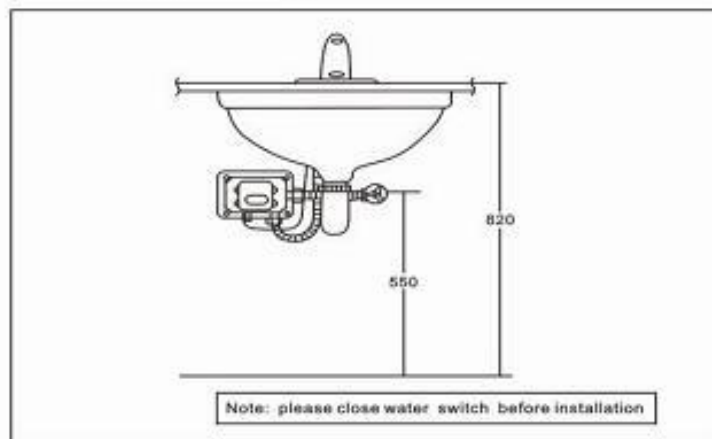
It should choose standard 3 holes basin or single basin and the hole diameter should be larger than 28mm or it will break signal line when faucet moves.

PIPE CLEANING

Before installation, please flush the pipe circuit firstly, or it will block electromagnetic valve, which will result for abnormal work.

INSTALLATION APPROACH

INSTALLATION SHOW



INSTALLATION APPROACH

BATTERY INSTALLATION



Note: please don't use batteries together which are different brands, models and power states.

(DC MODE)

1. Dismantle four bolts, put into 4AA alkaline batteries correctly, put back the cover and fasten bolts.
2. When change batteries, new batteries should be put into after 5 minutes from taking out old ones, which can make the original data in machine clean completely, or it will work abnormally.

SENSOR DISPLAY CLEANING



After installing. Please clean sensor display with soft and dry towel.

Note: it will influence detection distance whether the sensor display is clean.

USE INTRODUCTION

CLOSE & OPEN

1. When hands touch detection zone, it will work automatically after 0.5S, once hands draw back, it will be closed in 0.5S.
2. When wash hands over 1 minutes or continuous detection by error object, machine will be closed automatically. When hands or error object leaves about 10S it will be detective again.

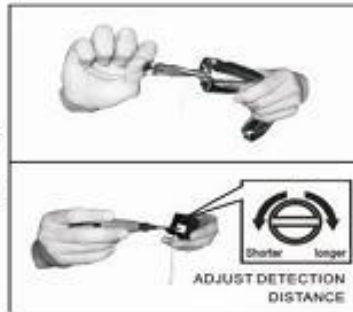


DETECTION DISTANCE ADJUSTMENT

If detection distance is too long or too short, please adjust it as following:

1. Close water switch firstly and dismantle faucet from basin.
2. Pull out sponge as above picture with needle clip.
3. Put down detection part, tear tap and adjust potential metre carefully with screwdriver. Turning it in sequence, the detection distance is longer. On the contrary, it will become shorter.

Note:
this product can be self-adjusted, and have a strict inspection before prior sale. If no special need, please don't adjust distance by yourself.



PROTECTION & MAINTAINCE

BATTERY INSPECTION

When light blink one time every 4S, it shows battery is power out and we should change new battery.

Note: it can't work when battery is power out.



STRAINER AND MOUTH-FILTER CLEANING

Clean strainer and mouth-filter every six to twelve months or when water flux is fewer.

Note: shut inlet pipe switch firstly, turn out inlet pipe mouth and clean strainer. Then connect inlet pipe and open inlet pipe switch.



Note: shut inlet pipe switch firstly, turn out faucet nozzle, put down and clean mouth-filter. Then connect faucet nozzle and open the Switch.



WARNING PROCEEDS



There are electronic components and some plastic elements in machine. So it should avoid strong hit.



It will influence correct detection if there are some other objects on sensor display. We must clean them



When clean the mainframe in everyday maintain, we can't clean it with erosion cleanser or water directly. We should plur advanced wax around it and then clean it with tidy sponge.



FUNCTION AND CHARACTER

Automatic sensing urinal flusher is designed and manufactured by infrared induction theory and its sci-technology, with flushing service and suitable function design, will bring to you superior life experience. Following is its characters:

1. Automatic flushing: Through induction parts, the urinal flushes automatically as being used.
2. It flushes at regular intervals for protecting equipment: When the urinal rests over a long period, the flushing valve will open after an interval of 24 hours, preventing the water in the pipe from dry and preventing stink from fleeing back.
3. Cleaness and hygiene: Flusher works automatically because of automatic sensing appliance, without touching any metal parts, flushing completely without peculiar smell and eliminating effectively mutual infection of bacteria.
4. Saving water: Flushing time can be adjusted automatically in accordance with the usage frequency of urinal and it saves water conspicuously.
5. Convenient guarantee: With adjustment valve and filter, non-professional staff can adjust easily water and clean filter.
6. Intelligence: With super microdesign of machine controlled wire and with micro-computer control, induction range can be adjusted.
7. Alternative power: It is alternative with AC110V-220V and battery.
8. Saving electricity: Its power is supplied by four aa alkaline battery, which is not needed to replace in two years if its usage frequency is 300times a day. (Notes: Battery must be manufactured by the manufacturer with brand and the time out of factory is less than half a year.)
9. To adjust induction distance automatically: It can adjust automatically its induction distance in accordance with environment so as not to cause trouble about regularly adjusting distance because of the change of environment.
10. Its simple and artistic appearance, designed with streamline, makes a special effort to please modern trend of the times.

MODEL AND SPECIFICATION

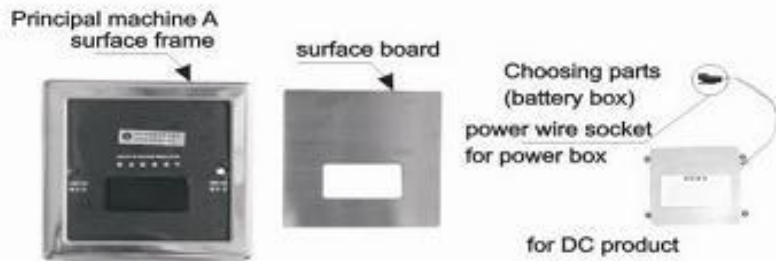
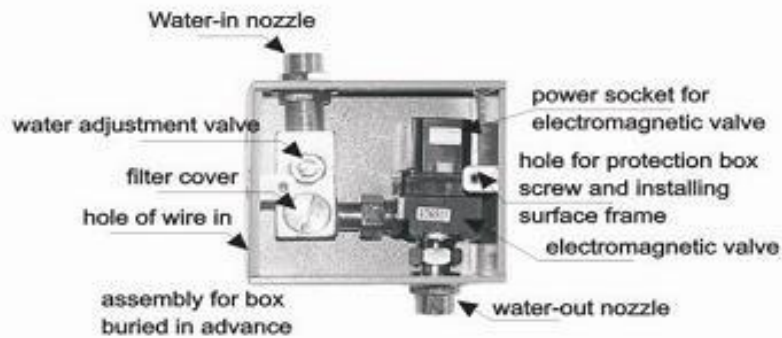
| Model | Automatic Urinal Flusher | |
|-------------------------|---|--|
| Power | AC220V50/60Hz DC6V/AC220V alternative / | DC6V and AC110V AND AC220V are alternative in accordance with different requirements. |
| Power consumption | 5W when it is flushing under 220V < 0.5mW | Four aa alkaline batteries can be used for about 2 years if their usage frequency is 300 times a day. |
| Induction range | 40-70cm | The induction range can be adjusted for white standard induction board in accordance with environment. |
| Suitable water pressure | 0.05-0.6MPa | It does not work with in less than 3 seconds of induction time. |
| Environment temperature | 0.1-45 °C | |
| Nozzle diameter | G1/2" (DN15) | |

Notes: water adjustment valve was switched off out of factory and it can be switched on after the end of water pressure inspection. If water is flowing out endlessly, induction appliance must be connected to induct once, and water will stop automatically after installation of battery and power.

(Items of attention before installation)

Notes: if there are some movable barrier or people in front of induction window before power is open in 10 seconds, causing distance to be shortened, or it will recover automatically after elimination in 5 and 6 minutes. At the beginning of installation, water may not flow out as the distance shifting from long to short and it will set the best distance five minutes later.

PARTS NAME



PARTS NAME

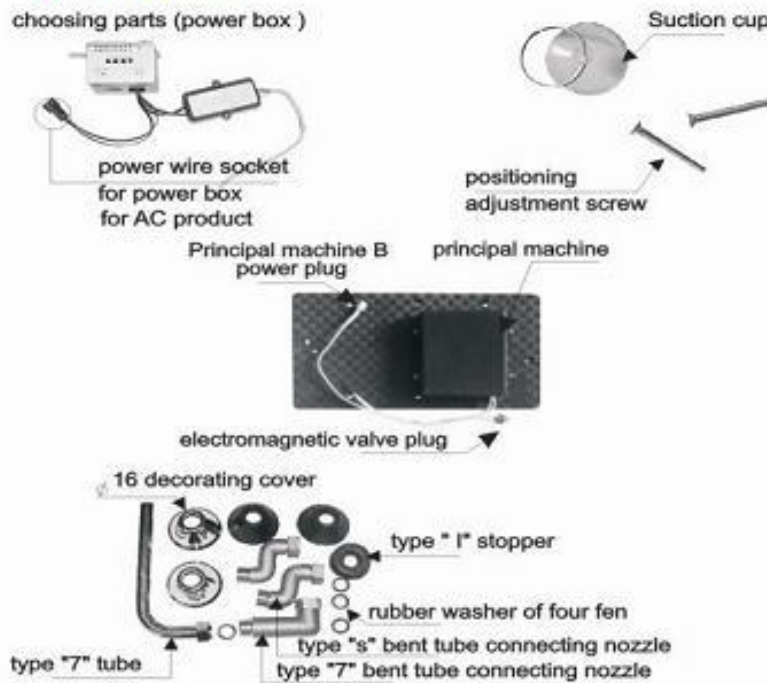
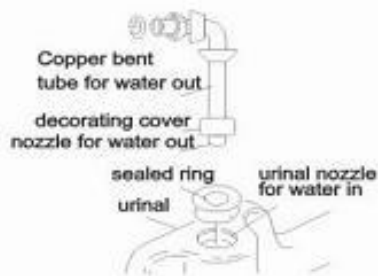
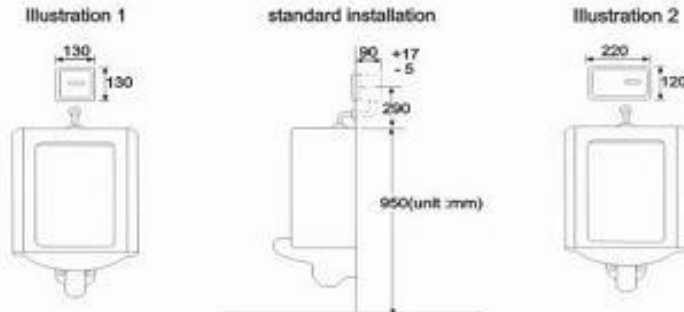


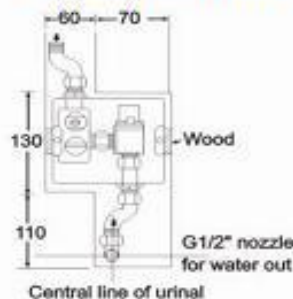
ILLUSTRATION OF INSTALLATION

Attention : Please plan the thickness of drainage and wall-decorating layer by referring to the instruction of Installation before operation and install it following the corresponding step so as to receive good results of installation .



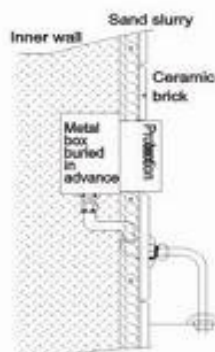
1. Put the nozzle for water out inside the urinal nozzle for water in.
2. Connect the copper bent tube for water out with the nozzle for water out .

ILLUSTRATION OF INSTALLATION



Dig the wall about 90mm by referring to the orientation size of installation and the size above and install the box buried in advance and cork in each side to adjust the level of box buried in advance and connect the pipe of water in .

Notice : After end of connection , each joint must be examined and the phenomenon of water leakage should not appear , then , next installation can be operated .



Attention :

Water and water pressure must be tested strictly after installation, wall can be white washed and ceramic brick can be glued after guarantee of no leakage between pipe and joint .

Attention :

1. Protection position must be remained before silt working and cutting ceramic brick and the ceramic brick should be glued to the edge of protection box .
2. The protection box can not be detached during construction (The wire buried in advance can be detached temporarily when installing AC product and the protection box must be installed back).
3. The protection box can be detached after the end of silt working and installing surface frame and principal machine .

INSPECTION OF AC POWER

Please referring to the following instruction to check AC circuit when the induction appliance doesnot work or water does not flush .



To check if the power wire plug of principal machine is connected with the power wire socket of power box



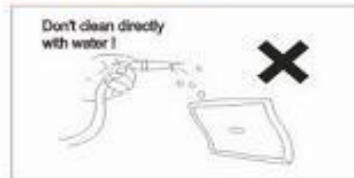
To check if the plug of electromagnetic valve is plugged in the socket of electromagnetic valve and if there is any phenomenon of looseness and unconnection .



Check if the wire-connecting pole is connected with power wire . If there is no connection or incorrect connection . Plug the power wire in the wire connecting pole and lock the screw of wire-connecting pole to fix the power wire in the wire-connecting pole and cover the box following the opposite step .

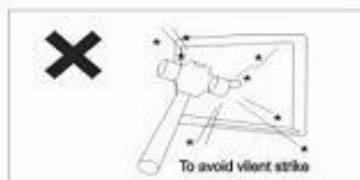
Attention : The power must be switched off when checking AC power and guarantee wire-connecting box sealed to prevent water after inspection .

NO EMPLOYING ACID-BASE AND CORROSIVE DETERGENT.



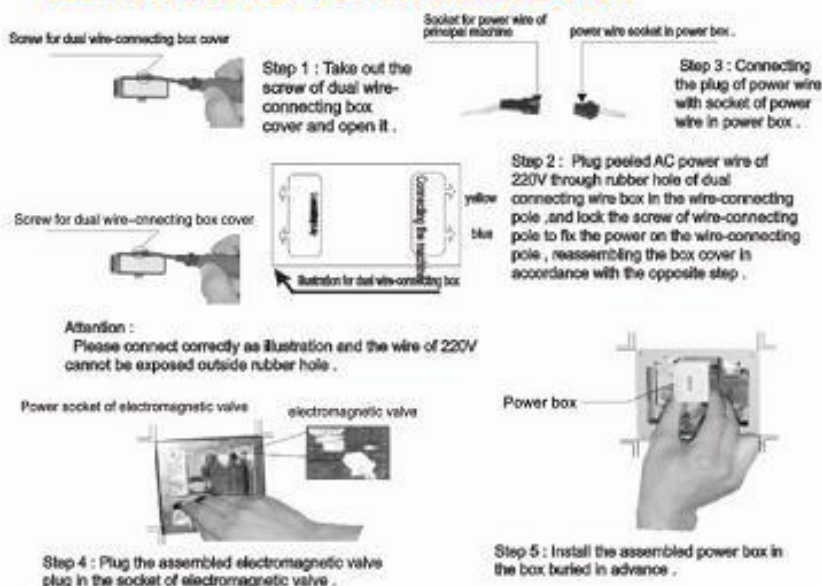
In daily usage and guarantee , the machine appearance should be cleaned with clean and safe cloth instead of cleaning it with corrosive detergent and water , or its appearance and wire inside will be demolished .

In order not to influence normal work , the induction window should avoid to be illuminated directly by sunlight or violent lamplight in usage .

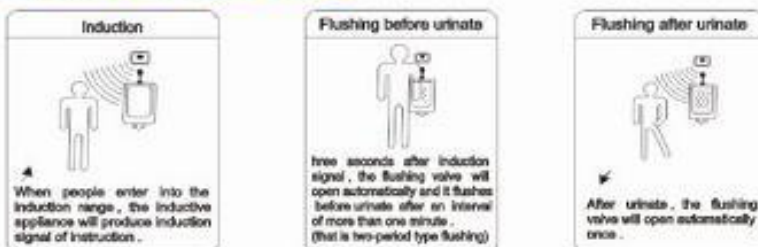


Because of electrical wire inside the machine and part struction make from plastic, strong strike should be avoided in usage so as not to cause damage .

ILLUSTRATION OF POWER INSTALLATION



INSTRUCTION OF USAGE



Smart flushing way :

- 1) The induction time is 3 seconds .
- 2) Normal work state : when someone enters into the district of induction for 3 seconds and the flusher will work about 2 seconds for the first time and it will flush about 4 seconds (A) or 6 seconds (B) for the second time after leaving .
 - A. In 10 seconds of urinate, it will spend you 2 seconds in the second period.
 - B. Beyond 10 seconds , it will spend you 6 seconds in the second period.
- 3). In accordance with the usage time of urinal funnel , you can judge the usage frequency .
 - ① If it is used long(beyond 1 minute) , the urinal funnel frequency belongs to normal state and in normal state , it flushes once as two-period type .
 - ② If it is used short (within 1 minute) , the urinal funnel is used frequently and in normal state it flushes once as single-period type .

The length of the flushing time depends on urinate (referring to A,B),only in the later period; if it is used continuously for 5 times , it flushes as usual two-period type .



WATER ADJUSTMENT



To clean filter

⚠ Please adjust water when it becomes less or stops .

Rotating adjustment button with a screwdriver (type "-") to adjust water (water decreases in direct direction and it increases in opposite direction .)

1. The filter must be cleaned at the beginning of usage of induction appliance and flushing water of induction decreases.
2. Water adjustment button must be switched off before opening filter cover .



Step 1 : Rotating the filter cover in opposite direction .



Step 2 : Take out filter .



Step 3 : To clean the filter with water and reassembled filter cover and make it tight .

ILLUSTRATION OF BATTERY INSTALLATION



Step 1 : Take out the screw of battery box and open the Battery box cover .

1.5V AA alkaline battery



Step 2 : Install four aa alkaline batteries (1.5V) and reassembled the battery box cover .

Power wire socket of the principal machine

Power wire socket of battery box



Step 3 : Connecting the power wire plug of principal machine with the power wire socket of battery box .

power socket of electromagnetic valve
electromagnetic valve plug



Step 4 : Plug assembled electromagnetic valve plug in the socket of electromagnetic valve



Step 5 : Install assembled battery box in the box buried in advance .



Step 6 : Install surface board in the frame .

- Attention :
1. AA alkaline battery with 1.5V must be used .
 2. Battery with different brand and time can not be mixed together to use .
 3. The battery life is only within one and two months , when non alkaline battery is used .
 4. The induction range is adjusted automatically when power is connected in five minutes and during this period , in order to adjust automatically to suitable induction range , induction appliance can not be used .

No-touch infrared single urinal control for 6V battery operation.

Consists of:

Electronic module with 6V battery, hood, lower housing portion with shut-off valve and magnetic valve, rosette, and flush pipe.

Battery: alkaline, 6V

Battery life: approx. 200 000 utilizations (approx. 2 years)

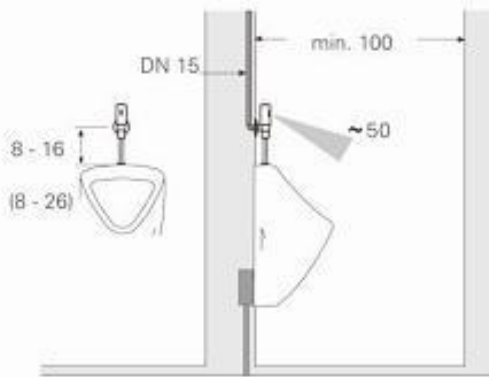
Active range: approx. 50 cm, preset 30 to 60 cm, adjustable

Water connection: R 1/2" A

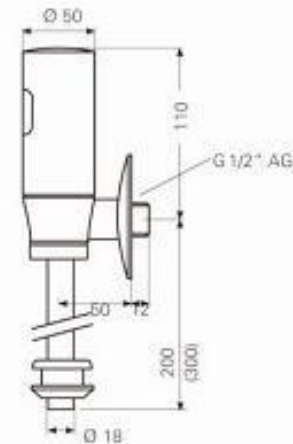
Flow pressure: 0.5 – 6 bar

Static pressure: 8 bar max.

Main flushing: 1 – 15 secs.



Mounting dimensions in cm



Dimensions in mm



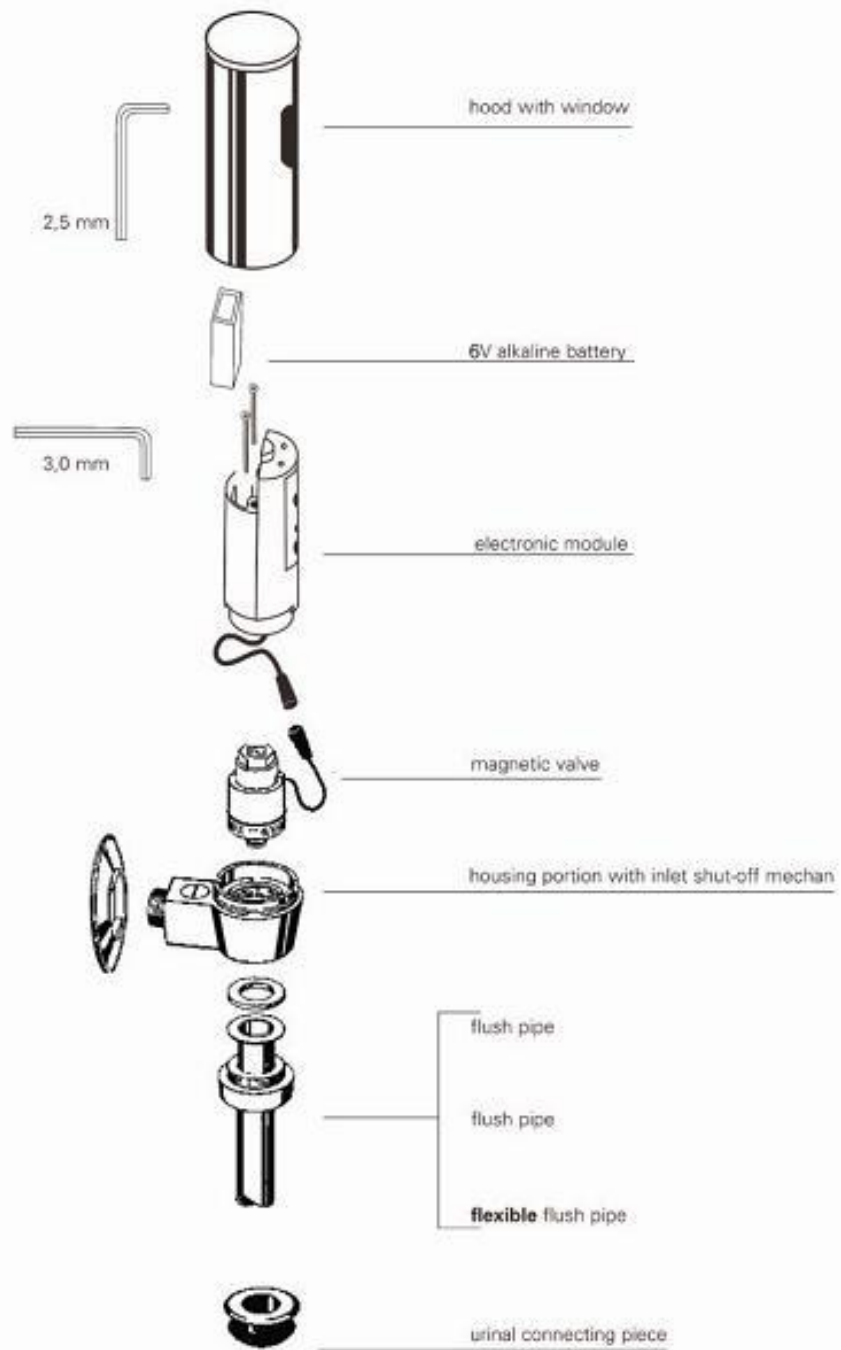
Minimum
waiting
period
10 secs.



adjustable main flushing
cycle
from 1 to 15 secs.



hygiene flushing
when not used
for 24 hours





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