

AQUAECO

WASHROOM AND PLUMBING SOLUTIONS

Installation Guide



AQP-ECO-U801I-BS

AQUAECO TOUCHLESS URINAL FLUSH VALVE

A member of SANIPEXGROUP

FEATURE & FUNCTION

Thank you for choosing our electronic automatic urinal flush.

- **HYGIENIC**

Automatic on/off to free hands from any touching ,avoiding bacteria infection ,which is more convenient and hygienic.

- **INTELLIGENT**

Adopts the micro-computer controlling,the urinal flush can self-adjust the best detection zone and has the function of anti-light and anti-ultra violet rays.

- **LOW POWER CONSUMPTION**

For DC flushers, 4 AA alkaline batteries 108000 cycles.

- **TRAP SEAL PROTECTION**

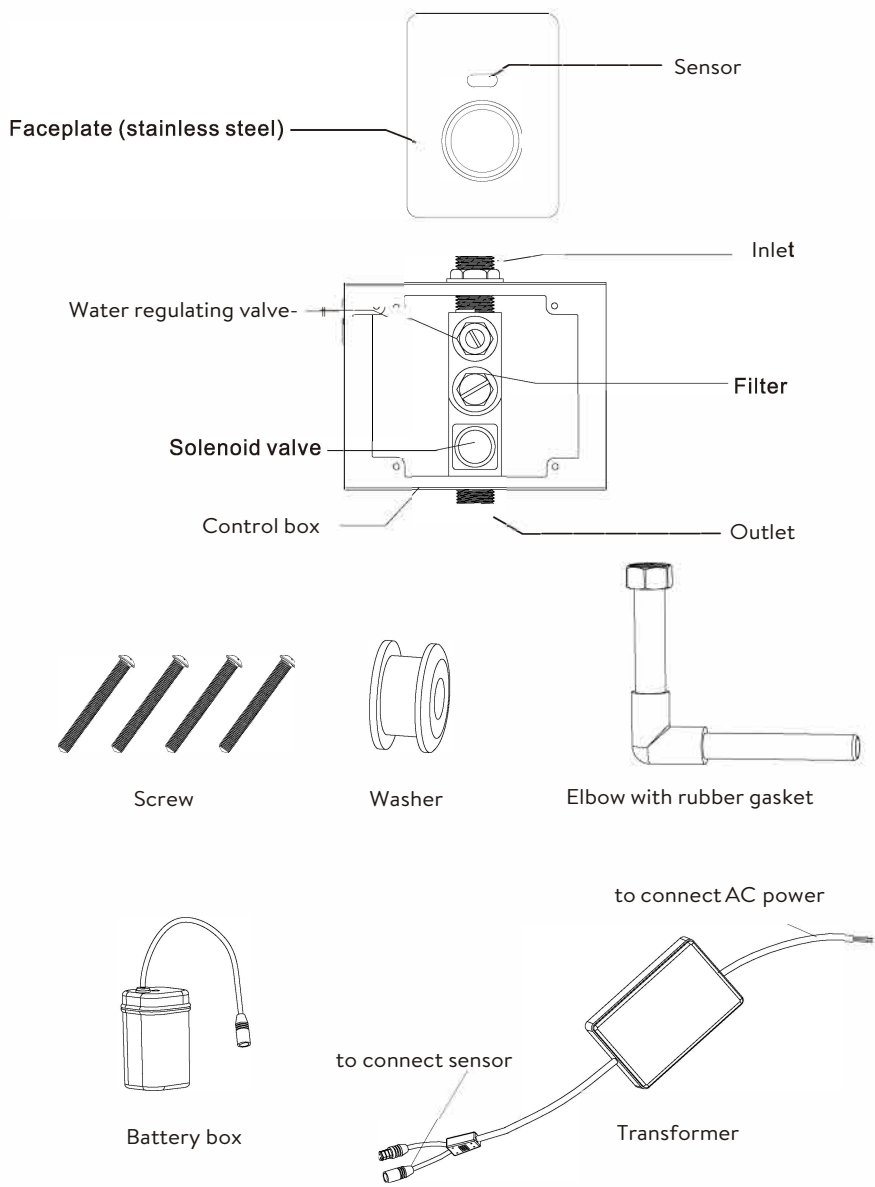
If not used,it will flush automatically every 24 hours to avoid the odor returning once the trap dries.

TECHNICAL SPECIFICATION

Item No.	AQP-ECO-U801I-BS
Description	Automatic Urinal Flush
Power	AC:220V-240V;50/60HzD C:4AA alkaline battery
Power Consumption	≤;0.3MW
Sensing Distance	75-80CM
Water Pressure	0.5Bar-7Bar
Temperature	0.1°C - 45°C
Dia. of inlet pipe	G(1/2)"
Dia. of outlet pipe Sensor	G(1/2)"
confirmation time	≤2s

PARTS NAME

FITTINGS

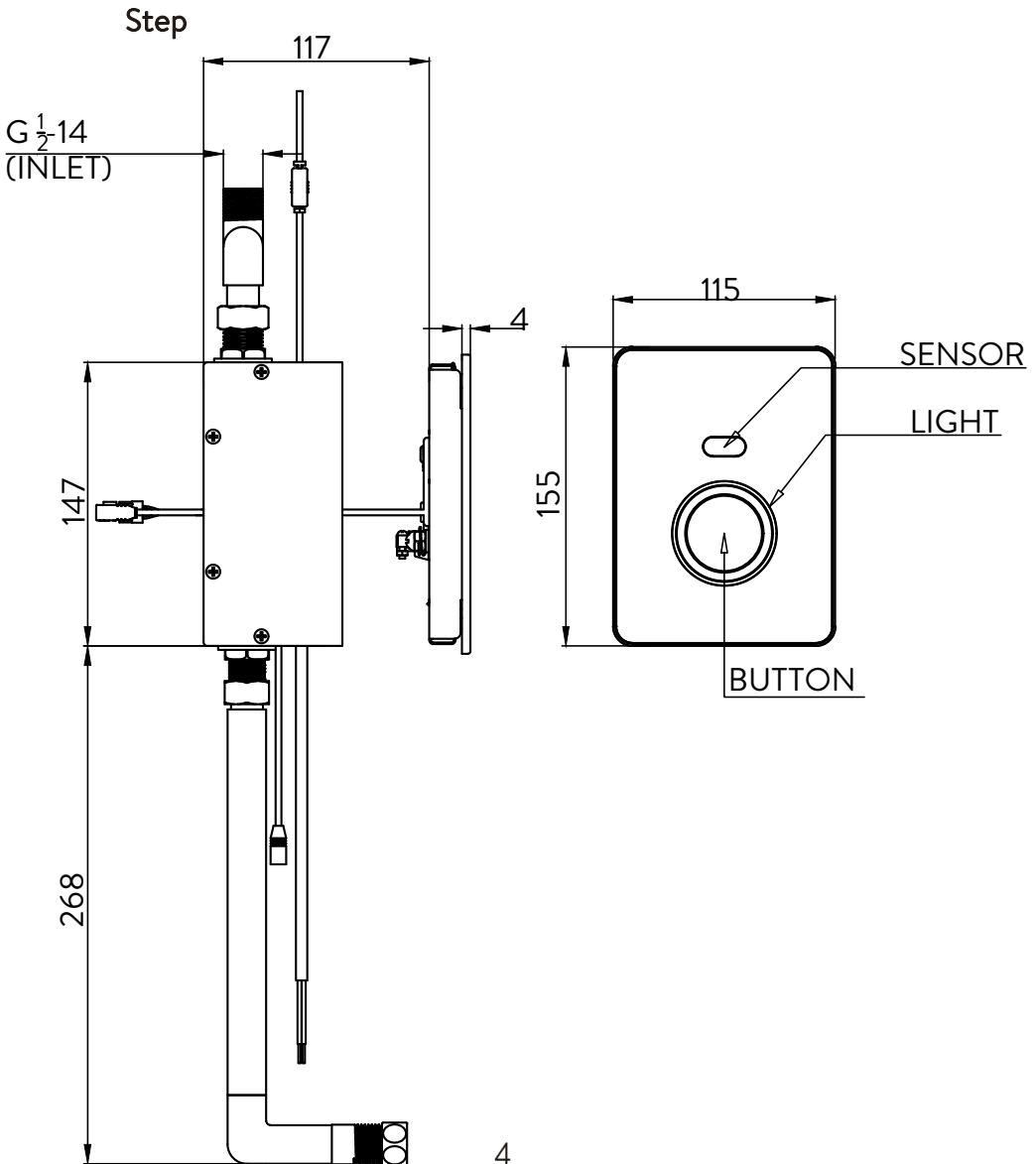


INSTALLATION MAP

Note:

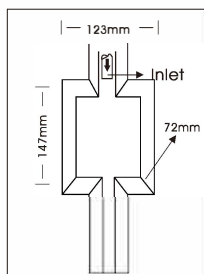
Always flush pipework before installation.

The installation place which you choose and design should be sunless and lighless.

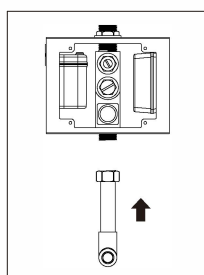


INSTALLATION STEP

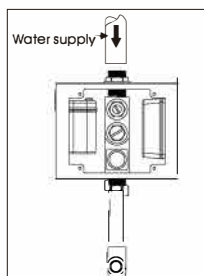
Step



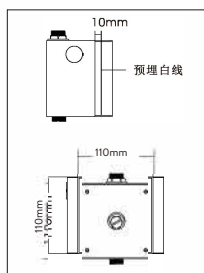
1.Excavate or reserve relevant space as picture1.



2.Connect elbow with gasket to control box(outlet)

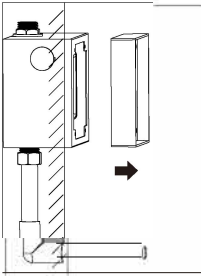


3.Connect control box (inlet)to water supply with S union (this union is optional.)



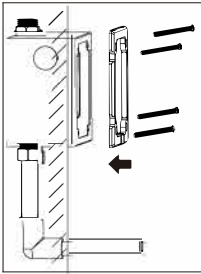
4.Incise the tile,the dimension should be the same as the back of tile trim

INSTALLATION STEP

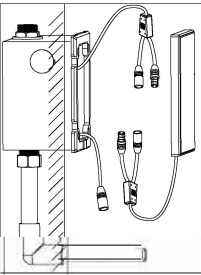


5.

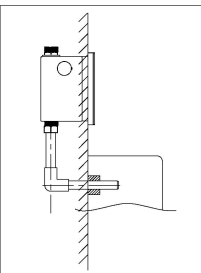
DC : Install 4 AA alkaline batteries into the battery holder; Connect one plug of battery box with the connector of the sensor



AC: Install two wires of transformer&AC power to Junction box(Optional). Connect the line of solenoid valve with one plug of sensor; Connect the other plug of sensor with transformer.



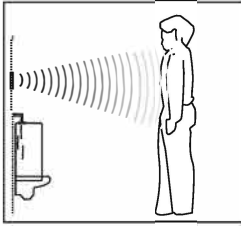
6. Take off faceplate with sucker, install the tile trim with 2 screws(40mm). Return the faceplate.



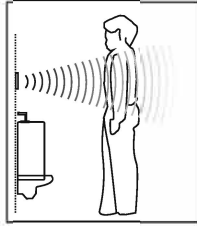
7. Put the washer into mounting cup. Connect the mounting cups with siphon. Connect the siphon between elbow and ceramic urinal. Turn on water and test

USE INSTRUCTION

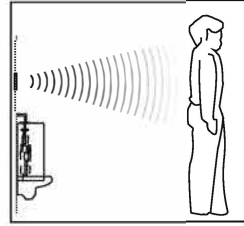
Step:



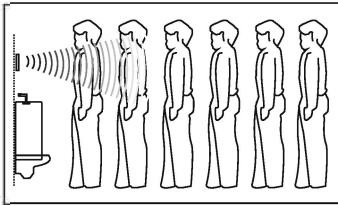
Before using



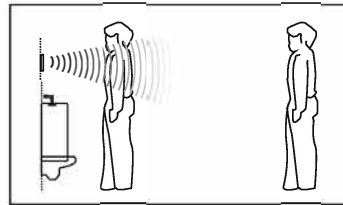
Using



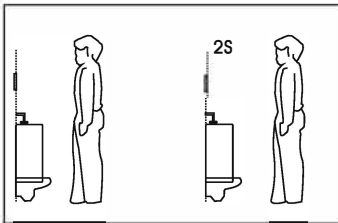
After using



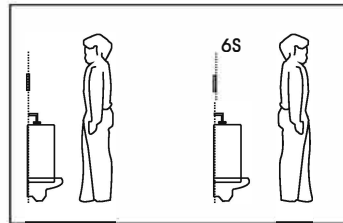
High frequency



Low frequency



The time of one flush



The time of two flushes

- 1.The sensor needs 1 second to confirm (less 1 second,the sensor could not start)
 - 2.At normal working condition, when the person enters into the sensing range above 1 second ,it will start and perform the first-section flush, and the second flush after leaving.
 - 3.The sensor will choose one-section flush or two-section flush according to the using frequency.
- After the first using,if another person comes to use within 10 seconds, it will just perform one-section flush,flushing 6 seconds after leaving. But when the first person leaving above 10 seconds,and then another person continue to use ,it will perform two-section flush.

MALFUNCTION & DISPOSAL

Description	Malfunction Cause	Treatment
no water out	the battery is exhausted(DC item)	change the battery
	water supply cut off	check supply
	dirt in the filter	clean the filter
	water pressure is too low	raise the pressure
water will not turn off	dirt on the sensor window	clear the dirt
too little water flow	water supply is turned too small	adjust water supply
	the filter is too dirty	clean the filter raise
	water pressure is too low	the pressure
too much water flow	water supply is turned too high	adjust supply
	water pressure is too high	adjust pressure
short cycles of battery	incorrect batteries	change to 4AA alkaline battery
the indicator light is not on	the light is broken	change the light or circuitry board
	the circuitry board is wet or signal line is wet	dry out
	the battery is exhausted	change the battery
	poor connection of battery	check the battery connection

[illegible]

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