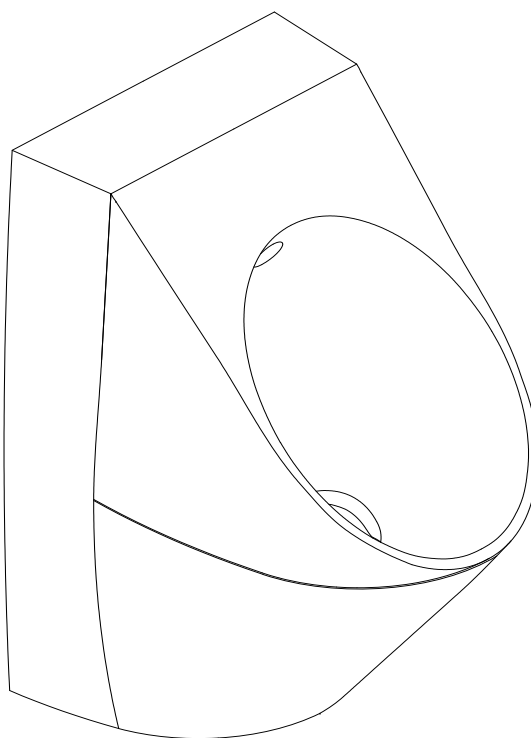


# AQUAECO

WASHROOM AND PLUMBING SOLUTIONS

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## Installation Guide



**AQS-ENV-I485-A-WH**

ENVOY WALL MOUNTED URINAL WITH TOUCHLESS FLUSH VALVE

A member of **SANIPEXGROUP**  
[www.sanipexgroup.com](http://www.sanipexgroup.com)



## IMPORTANT PLEASE READ

Remove all packaging and check the product for missing parts or damage before starting installation.

Any alterations made to this product and fittings may infringe water regulations and invalidate the guarantee.

The Installation must comply with all Local/National Water Supply Authority Regulations/Byelaws and Building and Plumbing Regulations.

We strongly recommend that your product be installed by a reputable qualified trade's person.

### **General Installation:**

**Please note this product can require 2 or more persons to lift and manoeuvre into position.**

To the installer: Please read and follow this instruction carefully, as the guarantee is only valid if the product is installed as directed.

Don't rush, read the instructions first and run through them before you begin. Keep fittings together to avoid loss. Do not over tighten screws or bolts.

If the unit is covered with polyethylene protective film, do not remove until installation is complete to grant maximum protection. However, remove film where any two surfaces will be in permanent contact.

Verify that all dimensions on the plan are the same as the ones of the product.

Please leave this installation manual with the end user once the product has been installed.

### **Product Aftercare:**

We recommend cleaning with a soft damp cloth and mild soap solution.

Do not use cream cleaners or cleaners containing bleach.

Do not scrub or scour.

Do not use abrasive cleaning agents.

Do not use solvent based cleaners.

## URINAL SENSOR FLUSH

## Installation Specification

### FUNCTIONS AND FEATURES:

- Water-saving: flush time can be adjusted automatically according to the frequency of use.
- Trap seal protection: it flushes automatically every 24 hours to keep the odor from coming out of the urinal trap.
- Hygienic: hands-free, which prevents your from any bacteria contact.
- Automatic flush: auto-flushes if user is within sensing range and auto shuts off after use.
- • Filtering net: blocks sandstones and other solid substances carried along with the water supply pipe
- Power supply: Battery power DC 6V (4 \* AA alkaline batteries ).
- Low-power consumption: 4\*AA alkaline batteries can last for one and a half year, based on 200 cycles every day.
- Design: elegant, integrated streamline design.

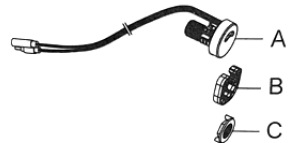
### TECHNOLOGICAL PARAMETERS:

Power supply	DC 6V (4 * AA alkaline batteries )
Service life of battery	Around one and a half years (based on 200 cycles every day)
Water pressure	Min: 0.05Mpa Max: 0.7 Mpa
Hydraulic pressure	0.17 Mpa
Inductive distance	Default setting:60cm(Applicable for 30cm*30m white standard sensor grid Induction time
Detection zone	<2s
Ambient temperature	1-55°C
Pipe diameter of Water inlet	G1/2"
Water Consumption	First flush: 215mL Second flush: 920mL

### NAME OF COMPONENTS:

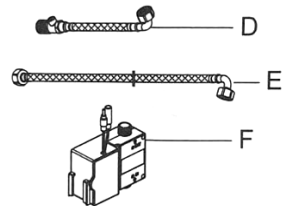
#### Sensor Fittings

- A.Sensor with spray nozzle
- B. Flag gasket
- C. Nut



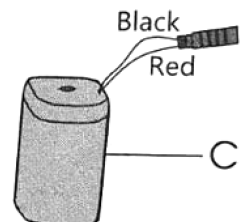
#### Other Fittings

- D. Inlet hosepipe (short)
- E. Outlet hosepipe (long)



#### Optional Parts

- C. Inlet hosepipe (short)



**INSTALLATION PRECAUTIONARY:**

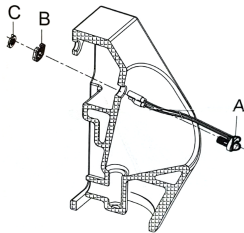
- A master valve shall be set on the water service pipe in the toilet, which should be applicable to the water supply shut-down condition when overhauling.
- Please don't inlay and paste the easily-reflected items such as stainless steel to the wall opposite to the inductive window, nor install the similar Opto-Electronic Sensor, to prevent error action.
- Keep the sensor away from sunlight to prevent error action.
- Keep the water supply pressure of the flush valve within 0.05-0.7Mpa.
- Water for this flush valve should be piped water instead of the untreated waste water or the water source with waste.
- Circuit and electronic component are inside the flush valve. The flush valve shall not be soaked, dipped or submerged.

**INSTALLATION PROCEDURE:****Sensor Installation**

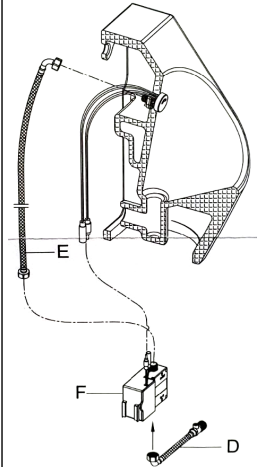
Get the Sensor (A) through hole of ceramic urinal, then tighten the flat gasket (B) and the hexagonal nut (C).



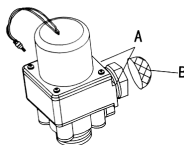
**Note:** The outlet of spray nozzle should turn downwards.

**Installation of hosepipes, power line and control line.**

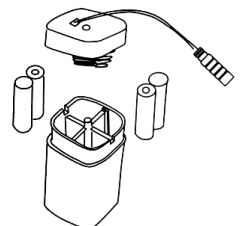
1. Screw the bent side of outlet hosepipe (E) to the spray nozzle, screw another side to the outlet of solenoid valve from control box.
2. Screw the bent side of inlet hosepipe (D) to the inlet of solenoid valve from control box, screw the other side to the water supply.
3. Connect the power line (red) and control line (black) to the sensor and battery case.

**ROUTING MAINTENANCE:****Cleaning the filter net**

Water Regulation: The water yield can be adjusted by using a slotted "-"- screw driver to control the amount of water.

**Battery replacement**

1. When the lights flash once every 1-2 seconds, the battery power is exhausted replace the battery.
2. Notice:
  1. Make sure that 4\* AA alkaline batteries are used.
  2. Avoid mixing types of different types, brands, and capacity.
  3. Always insert the batteries with the position (+) and negative (-) in the correct direction. Follow the instructions from the box installation



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