

AQUAECO

WASHROOM AND PLUMBING SOLUTIONS

Installation Guide



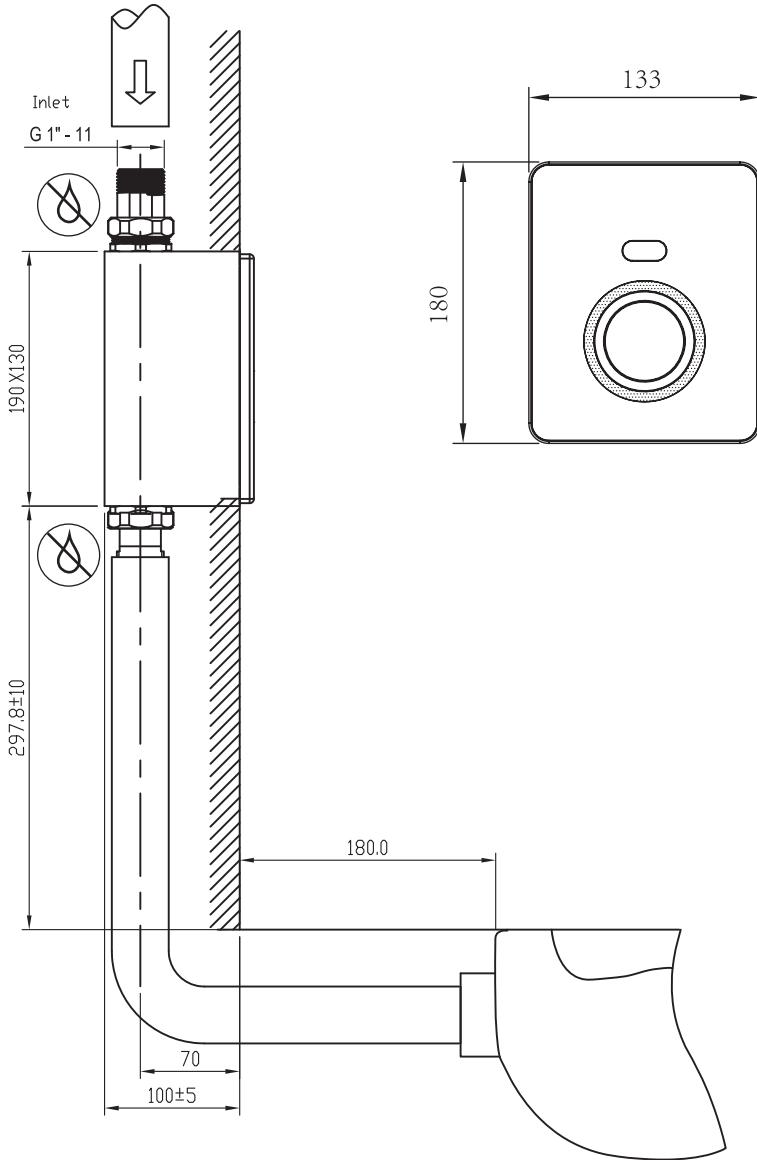
AQP-ECO-W900I-BS
AQUAECO TOUCHLESS WC FLUSH VALVE

A member of SANIPEXGROUP

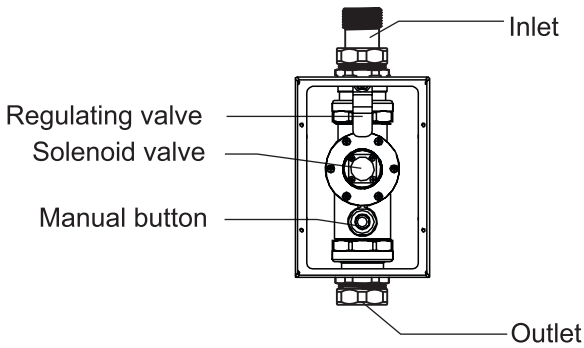
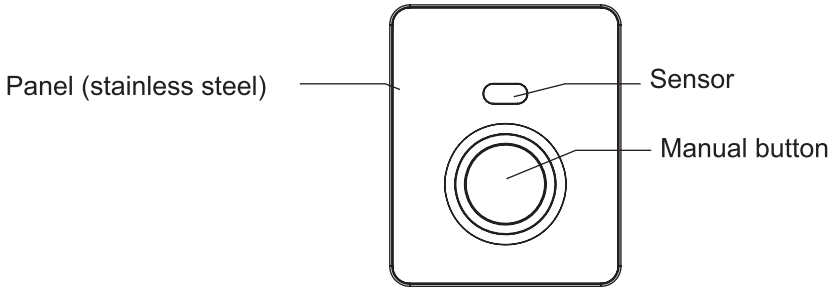
TECHNICAL SPECIFICATION

Model No.	AQP-ECO-W9001-BS
Description	Automatic toilet flush valve
Power supply	<input checked="" type="checkbox"/> DC 6V <input checked="" type="checkbox"/> AC220-240v;50/60Hz
Power consumption	DC \leq 0.3mW(static)
Activation time	10-13s
Water pressure	0.5-7 Bar
Sensing range	72-82CM
Ambient temp.	0.1-45°C
Water temp.	0.1-45°C
Inlet diameter	G1 1/2" with 1" connector
Outlet diameter	G1 1/2"
Flush time	Factory setting: 3s (flush time range:1-17s)

INSTALLATION DRAWING



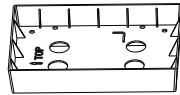
PARTS NAME



Battery box



Connector



Dust-proof cover

DC power connector
Sensor connector



Transformer

INSTALLATION STEP

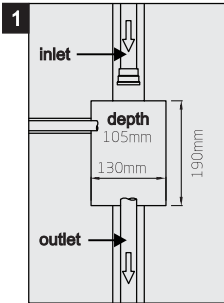
Note:

Always flush pipe work before installation.

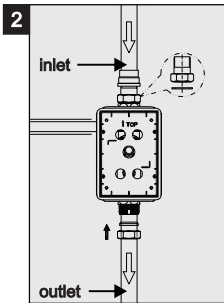
No light shall enter directly or be reflected into the sensing window.

No reflectible objects in front of the sensor (E.g., mirror, polishing stainless steel and some other polished plate).

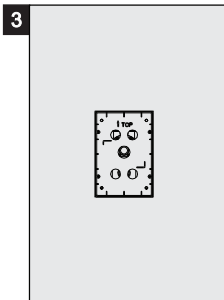
No strong ultraviolet radiation or electromagnetic field nearby.



1. Determine the installation location per roughing-in dimensions and the table of installation position. Chisel out a slot and install the supply tubes. Then flush the supply tubes. See the figure to the right for rough-in dimension requirement.

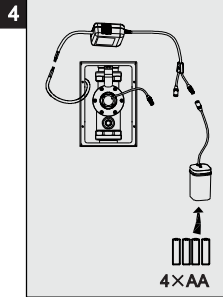


2. Place the control box into the slot, adjust its level and square with battens and connect the inlet tubes. Screw down the nut at the outlet position. Refer to the specific rough-in of different toilets for the connection of outlet fittings.

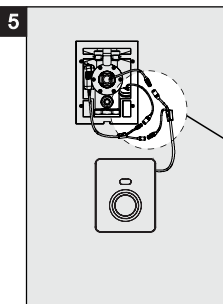


3. Apply slurry into the crevice around the control box and smooth the surface in the slot, lay the tiles.

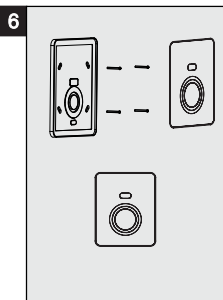
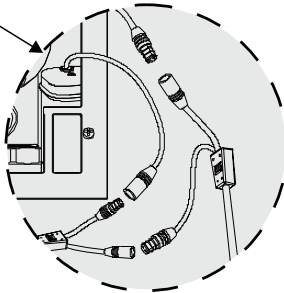
INSTALLATION STEP



4. Remove the dust-proof cover, install 4 AA alkaline batteries into battery box, and place the transformer at an appropriate position. Mount the fixed plate assembly.



5. Connect the sensor connector with the corresponding cords of the solenoid valve and transformer.



6. Tighten the panel with fixed plate assembly with hex screw on the bottom.

FEATURE & FUNCTION

Thank you for choosing our automatic toilet flush valve.
We strongly recommend that you use a qualified and registered plumber and electrician.

Features:

- Fully automatically:
Detects the user on the toilet through an infrared sensor, and flushes the toilet automatically, it does not require any manual operation for flushing.
- Water saving:
Based on the regular water pressure, It identifies the half and full flushes automatically, half flush of 6-9s for less than 45 seconds, and full flush of 9-12s for over 45 seconds. The flush volume would depend on the water pressure changes.
- Keep the toilet hygienic:
Operate automatically, flushing the toilet each time it is used, thereby ensuring your toilets are always flushed, odor-free and presentable, as well as eliminates the cross-contamination.
- Override manual function:
Infrared sensor and manual dual activation, there is mechanical manual button on the panel is available in case runs out of battery, or maintenance and emergency use.
- Energy saving:
Operates on 4 AA alkaline batteries(included),which lasts 108000 flushes.(there are three power supply options: DC, AC ,AC+DC)
- System protection timer:
When the toilet is not used for a 24 Hr.period,the protection timer commands the system to flush at a fixed intervals, maintaining a trap seal.

TROUBLESHOOTING

Problem	Cause	Solution
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
	water pressure is too low	raise 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

AFTERCARE

Whilst modern plating techniques are used in the manufacture of this product , the surface will be affected if cleaned incorrectly.

Surfaces should be maintained using a clean damp cloth ,no abrasive agents or materials should be used or come into contact with the surface finish , or this will invalidate your guarantee

