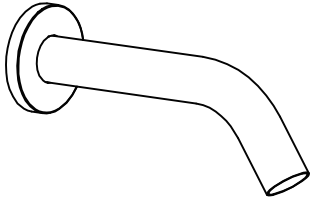


Sorento Products Instruction

Automatic Sensor Faucet



Technical Parameters	
Media Temperature	1-55℃
Working pressure	0.1MPa-0.6MPa (best pressure 0.2-0.5MPa)
Confirmed Time	≤1second
Working Voltage	AC 220V.50-60Hz, DC6V, 4 xAA alkaline battery
Sensing Range	16cm (±10%) (for clean analog board with standard)
Water Inlet Diameter	G1/2"(DN15)

Installing Attentions:

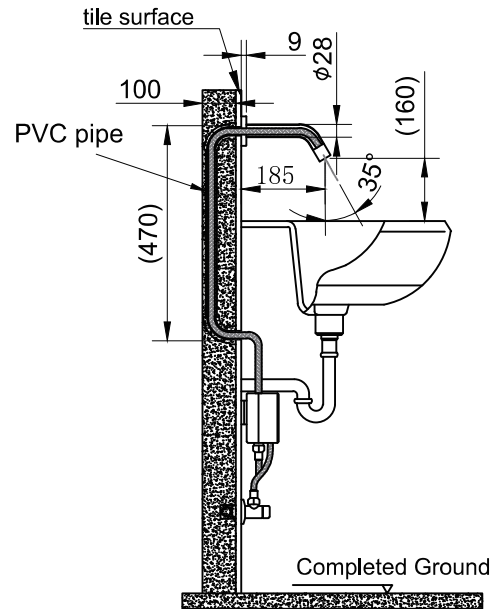
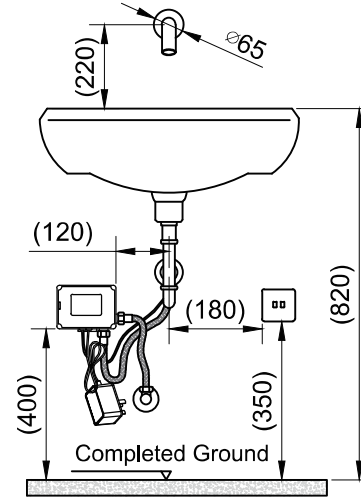
1. Before installing, pipeline shall be cleaned to prevent damaging solenoid valve during later usage
2. Do not install this electronic inductor in the place of direct sunlight or strong lighting to prevent reducing the performance of the inductor.
3. Before installing, please make sure to use alkaline batteries which meets the national standard, install the batteries in the right way, positive and negative poles can't be installed reversely.
4. After installing, strict water pressure testing shall be undertaken (Water Pressure lower than 0.05MPa, please install pipeline booster pump, prevent reducing the flushing efficiency. while water pressure is bigger than 0.7MPa, please use decompressor to prevent the damage of sensor faucet)

Intallation

I .Sketch Map

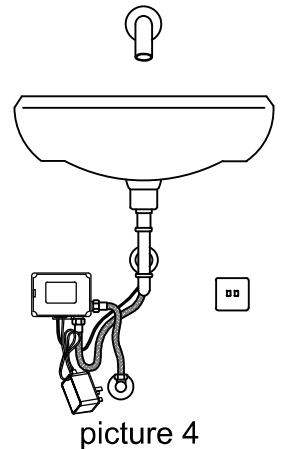
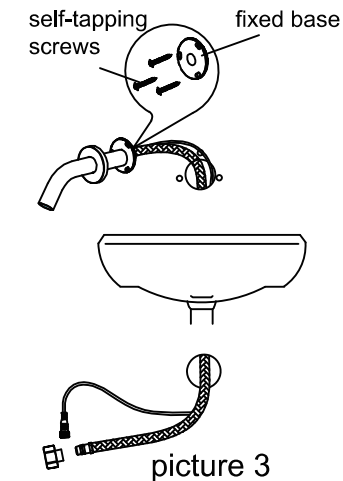
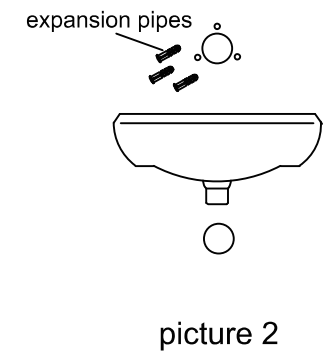
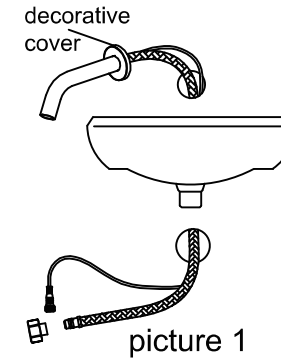
unit: mm,

Mark: Size with () means recommended size
specification sizes are only for reference,
project operations shall be subject to actual
objects.



II .Installation Steps

- 1 Take the faucet and its accessories out of box.
- 2 Take out the automatic faucet, unscrew the decorative cover and push forwards a certain distance, make the hose and sensor wire go through PVC pipe built-in the wall (see following picture)
- 3 Mark the screw position of fixed base, drill the holes, install the expansion pipes
- 4 Install the faucet, adjust the suitable angle and fix it, tighten the decorative cover
- 5 Install the fixed wall clips of controller on the suitable wall
- 6 Tighten the hose of sensor faucet and water outlet, use double-end hose (self-provided) to connect the water inlet of controller and angle valve
- 7 Connect the power supply wires of controller and power supply interface of automatic faucet



Functions:

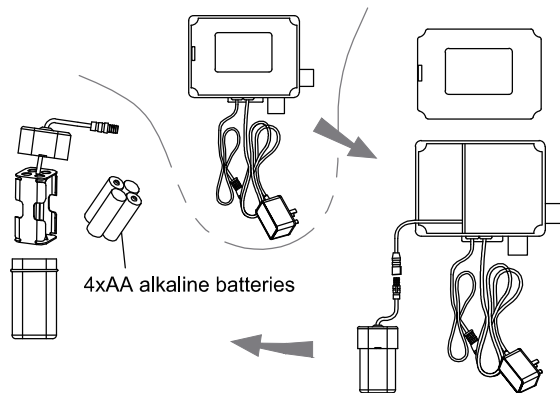
- 1 Automatic Flushing: infra-red sensor, open and close automatically
- 2 Overtime Protection: when flushing time is over 60 seconds, water flushing stops automatically, avoid long-time flushing sensed by foreign matter and waste water
- 3 Low power warn: when battery power fail to run the machine normally, auto-stop water light flash quickly to remind replacing new batteries.

Features:

1. Intelligent: opening and closing water is completed by sensor automatically, without human operations.
2. Hygienic: don't need to touch any switch or parts, prevent crossing bacterial infection, health is assured.
3. Water Saving: Hands out for water, move hands to stop water. instant sensor, instant action, save water easily.
- 4 Power Saving: Use 4xAA alkaline batteries, the life span can be 2 years by 3000 times /month

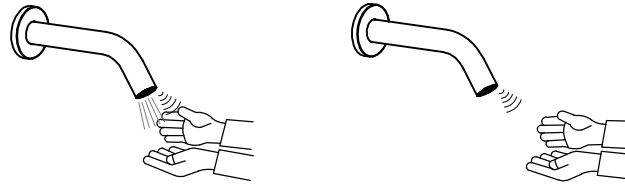
Replace Batteries:

If AC power is used, you must cut off AC power, use cross screwdriver to remove fixed screws, remove panel and water outlet, take out the battery box, take out old batteries and replace new AA alkaline batteries check positive and negative poles are in the right order, cover battery box and put it inside the control box and install the above panel and water outlet in order.



CAUTIONS:
Battery Positive and negative poles must be in right order, and old & new or different brands batteries can not mix use, when battery runs out of power, sensor will shut off the solenoid valve compulsorily to avoid water waste.

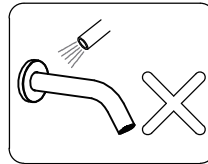
Instrucion Manual



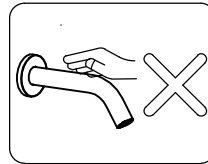
Hands are in sensing range, faucet flush water

Hands are out of sensing range, faucet shut off automatically

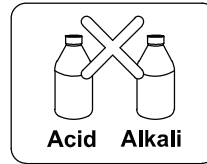
Using Precautions



Do not flush the faucet by water, use soft cotton cloth



Do not shake the faucet, can cause the fault easily



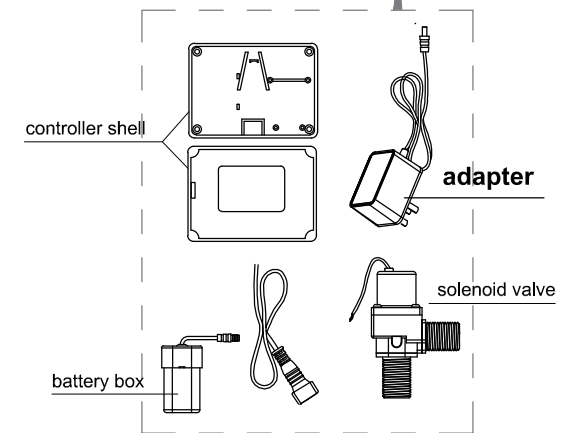
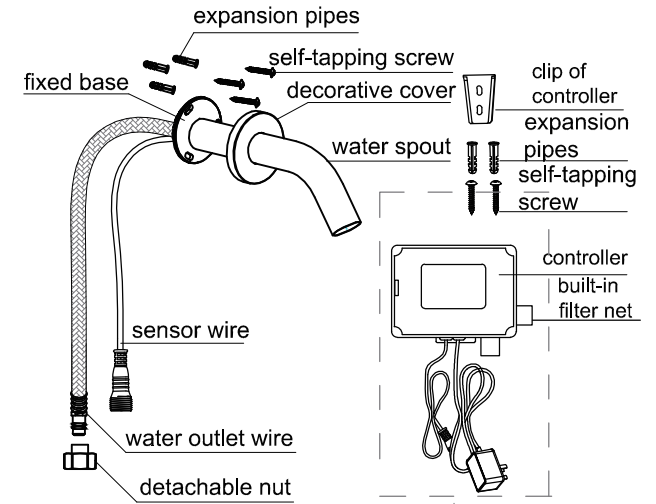
Acid Alkali

Do not use acid alkaline detergent to clean the faucet

Simple Faults Analysis & Troubleshooting

State	Cause of failure	Processing method
No water or no turning off	Battery power exhausted	Replace the battery
	The sensor window has dirt	Remove dirt
	Stop water	Waiting for water
	Siltation of water inlet	Clean the filter screen
	Water pressure not in use	Adjust water pressure
	There are obstacles in the induction window	Remove obstacles
The water output is too small	Inlet angle valve closed	Open angle valve switch
	Filter screen is too dirty	Clean the filter screen
	Inner film of solenoid valve Foreign matter in water hole	Remove foreign matters from the diaphragm water hole
	Water pressure too low	Adjust water pressure
Battery life	Use non alkaline or fake Battery	Replace high quality Alkaline battery

Product Accessories Decomposition Chart



Cleaning Fliter Net

when sensor faucet flushes less water, filter net may be blocked up, it needs to be cleaned, cut off water source before cleaning

