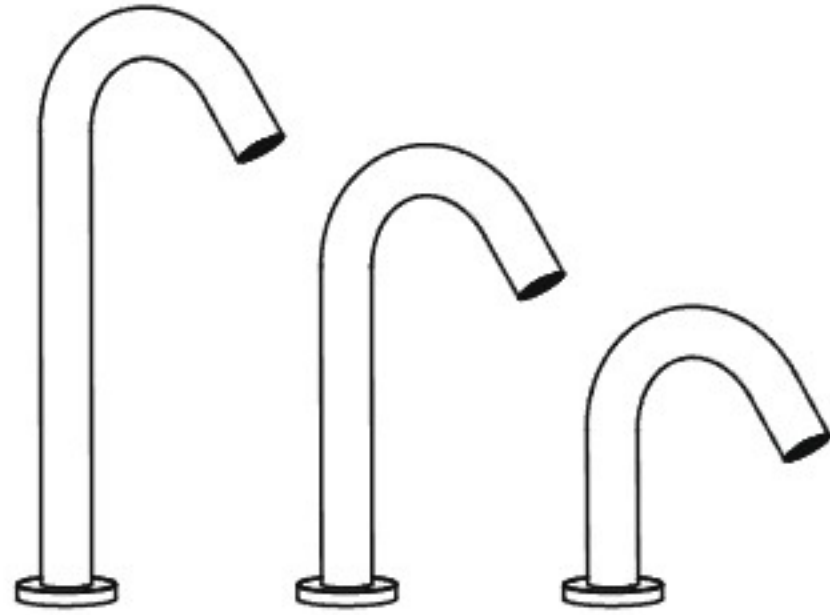


# Sorento Products Instruction

## Automatic Sensor Faucet



### Technical Parameters

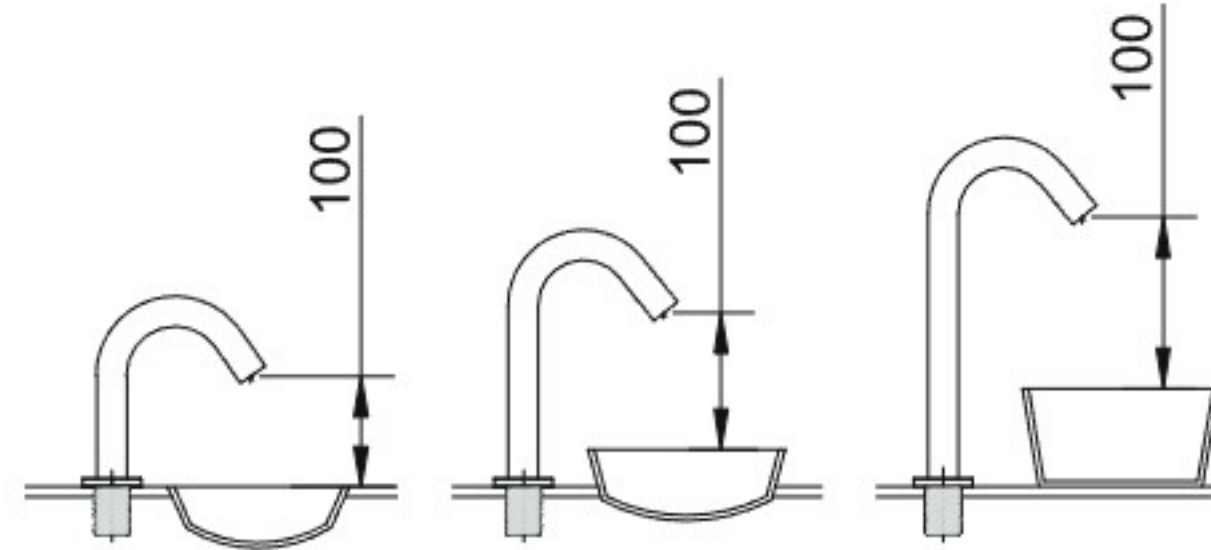
Media Temperature	1-55
Working pressure	0.1-0.6 Mpa (best pressure 0.1-0.3MPa)
Confirmed Time	1S
Working Voltage	AC 220V 50-60 Hz, DC 6V ( 4 xAA alkaline battery )
Sensing Range	16 cm (±10%) (for standard white clean analog board)
Water Inlet Diameter	G1/2"(DN15)

### Installing Attentions:

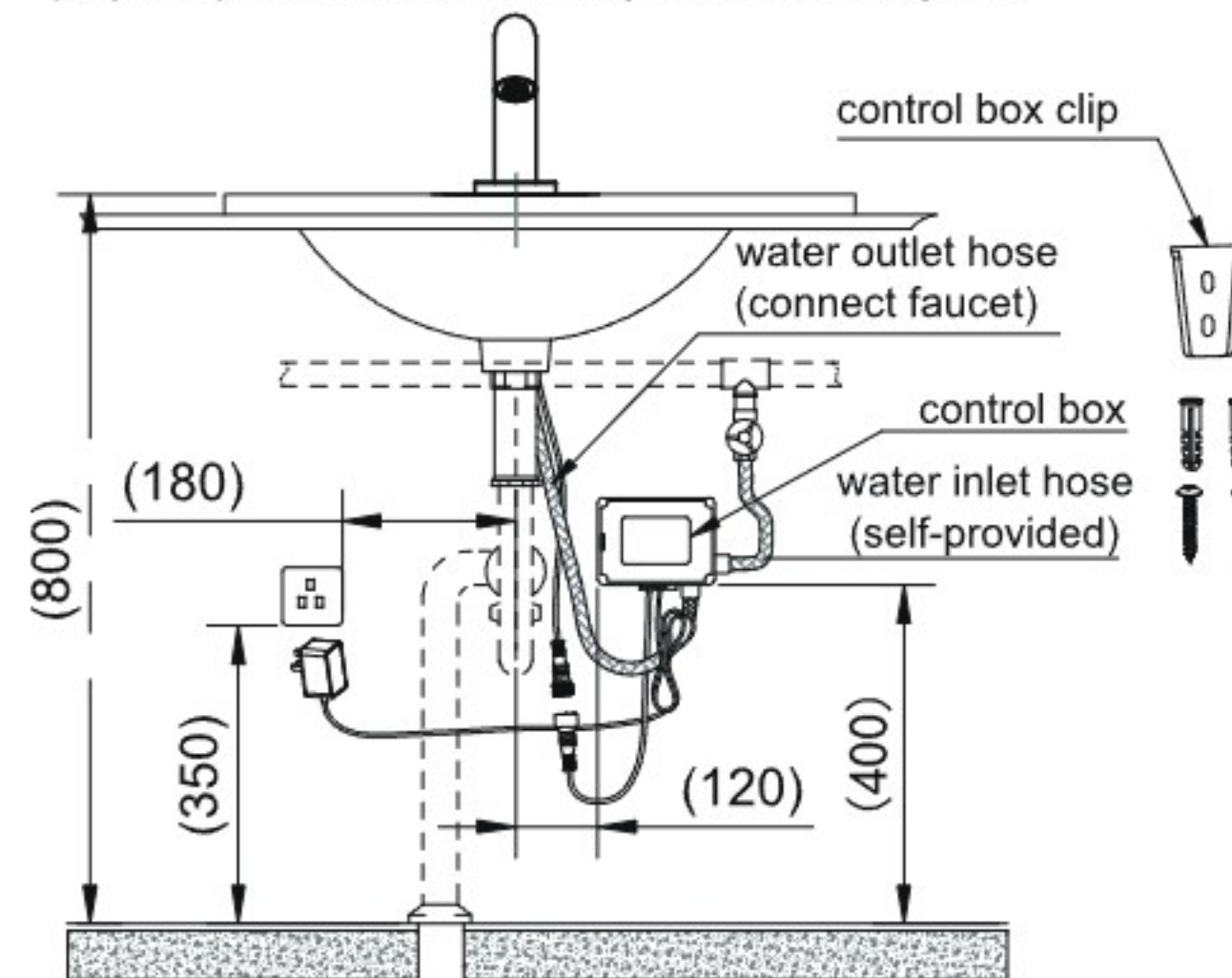
1. Before installing, pipeline shall be cleaned to prevent damaging solenoid valve during later usage
2. Do not install this electronic inductor in the place of direct sunlight or strong lighting to prevent reducing the performance of the inductor.
3. Before installing, please make sure to use alkaline 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 )

### Installation

1. Take out the faucet ,remove protective cover, take apart the fastening nut,SS pad and flat rubber pad , make faucet sensor go through the basin hole, adjust the suitable angle, then fix flat rubber pad,SS pad and fastening nut on the faucet in proper order from the underneath of basin, then lock faucet on the basin tightly. At last, tighten dual end water outlet hose into water inlet pipe of faucet.
2. Take out control box clips, drill two holes of 5.5x30mm (as shown below control box),knock expansion pipes into the holes,lock control box clips into expansion pipes by self-tapping screws hang control box in the clips, connect control box sensor connector with faucet sensor connector mating At last, make control box plug in power supply.
3. Connect faucet water inlet hose (G 1/2) with control box water outlet tightly . then connect one end of dual end water inlet hose (G 1/2,self-provided) with control box inlet tightly and connect the other end with angle valve tightly
4. Make sure no-leakage in all the pipes, faucet can be used



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



### Functions:

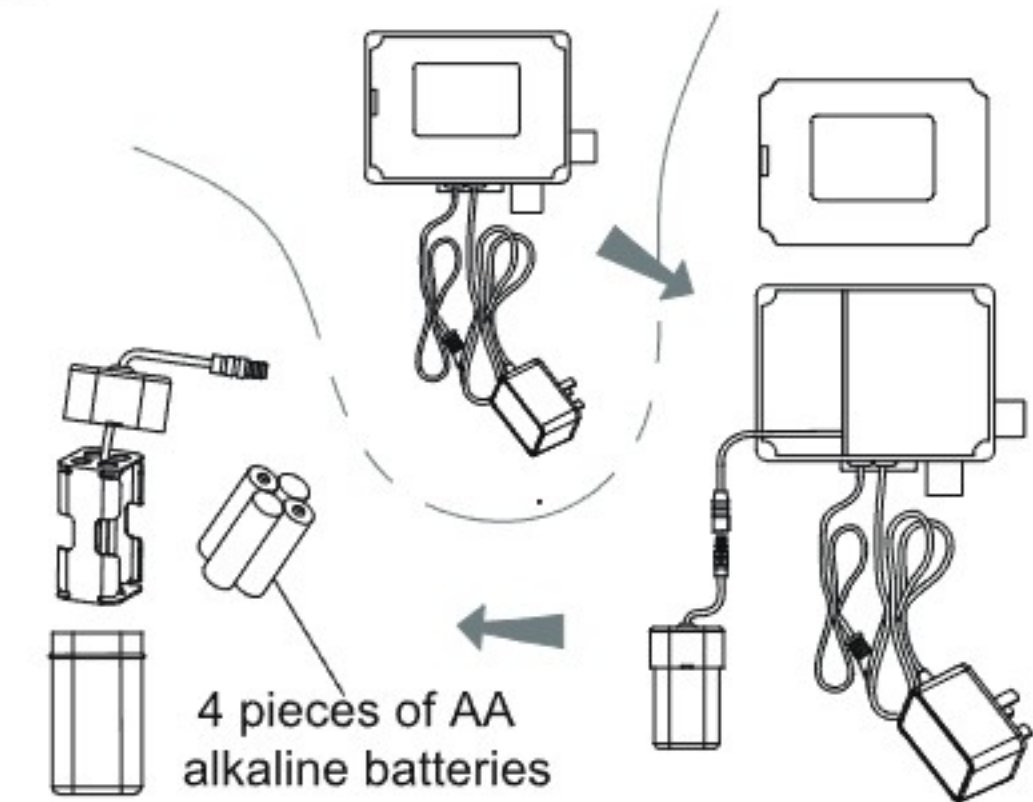
1. Automatic Flushing: infra-red sensor, open and close automatically
2. Overtime Protection: when flushing time is over 60 seconds, water flushing stops automatically, avoid long-time flushing sensed by foreign matter and waste water
3. Low power warn: when battery power fail to run the machine normally,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

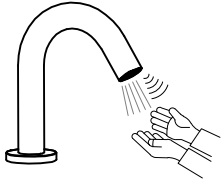
If AC power is used, you must cut off AC power, use cross screwdriver to remove fixed screws, remove panel and water outlet, take out the battery box, take out old batteries and replace new AA alkaline batteries check positive and negative poles are in the right order, cover battery box and put it inside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



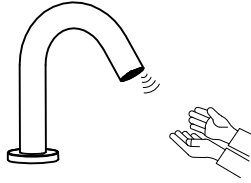
### CAUTIONS:

positive and negative poles must be in the right order, new and old batteries or different brands batteries aren't allowed to mix use .When battery runs out of power, this indicator light will flash 3 time quickly per second , reminding to replace the battery. when battery power off, sensor will close the solenoid valve forcibly to prevent water waste.

## Instruction Manual

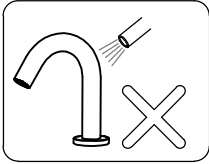


Hands are in sensing range, faucet flush water automatically



Hands are out of sensing range, faucet shut off automatically

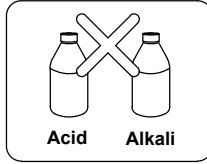
## Using Precautions



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



Do not shake the faucet, can cause the fault easily

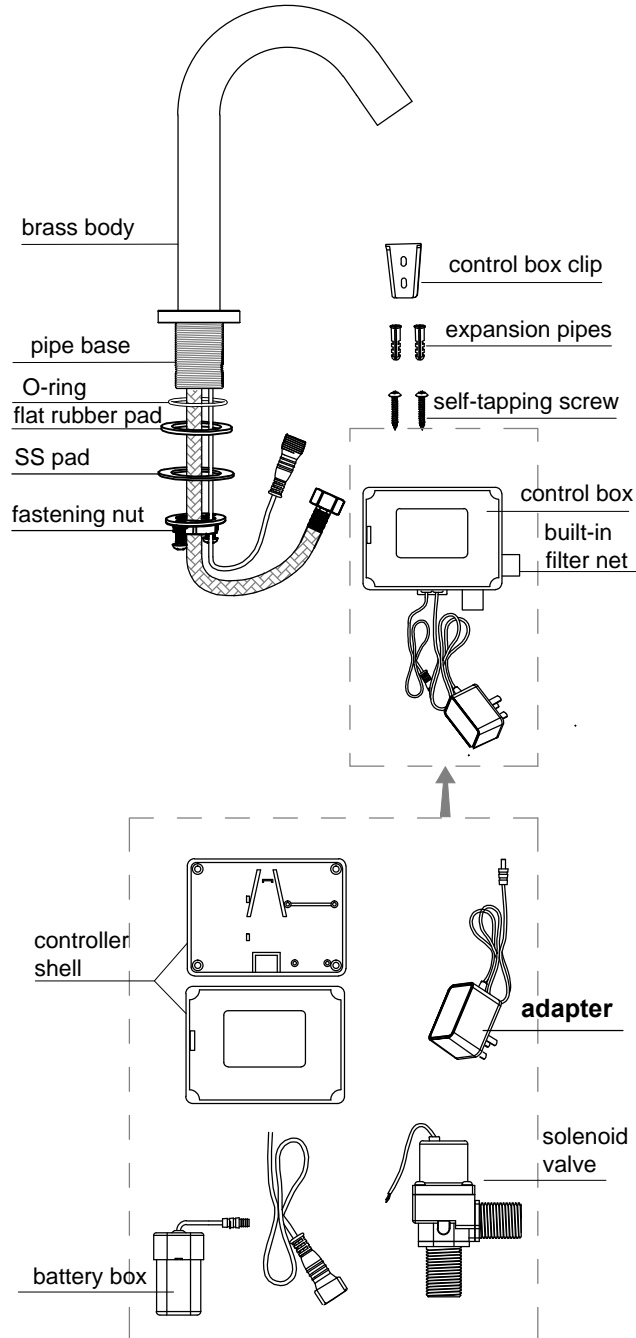


Do not use acid alkaline detergent to clean the faucet

## Simple Faults Analysis & Troubleshooting

Phenomenon	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
The water output is too small	There are obstacles in the induction window	Remove obstacles
	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
Battery life	Water pressure too low	Adjust water pressure
	Use non alkaline or fake Battery	Replace high quality Alkaline battery

## Product Accessories Decomposition Chart



## Clean the Filter

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

