

# INSTRUCTION MANUAL OF AUTOMATIC FAUCET



DTM\_SSTAP\_Uturn

Warning: Please read this manual seriously before installation

## FUNCTIONS AND FEATURES

- \* Saving water  
water flow will start automatically when hands enter the sensing zone. Water automatically shuts off when they are out of the sensing zone. It has an excellent water-saving function what the water automatically shuts off after 30 seconds, preventing wate wastage which may occur when some objects are in the sensing zone for long periods of time.
- \* Sanitation and health  
The automatic on/off controls are operated by the sensor, so the faucet does not need to be touched. This prevents cross-infection.
- \* High sensibility and strong adaptability  
The sensibility (sensing distance) can be adjusted according to the different use purposes. We suggest set in 9-15cm.
- \* Convenient maintenance  
Built-in water filter make it convenient to clean the filter

## TECHNOLOGY PARAMETER

supply water pipe dia.	Dn15
water pressure	0.05-0.6MPa
Rated flow	≤0.15L/S
voltage	AC220V 50Hz
output voltage	AC12V
sensor distance	0-18cm (adjustment is available)
environment temperature	0-45 °C
environment temperature	belwo ≤95%RH
power consumption	static ≤1VA dynamic ≤6VA

## PERIODIC MAINTENANCE

For keeping the product in normal use, please clean the filter and aerator spout regularly.

### \* filter cleaning

Turn off the angle valve and take out the filter by plier to clean.



### \* aerator spout cleaning

Turn off the angle valve and take out the aerator spout to clean



## ROUTINE MAINTENANCE

Use soft cloth with a little water to wipe if it have light pollution.



If it have serious pollution, please use soft cloth with neutral detergent to wipe

Don't damage the sensor mirror when wipe it

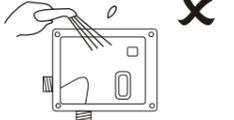
Below detergents are no allow here:  
1. acid detergent  
2. the detergent contains particle  
3. brush, steel wires, nylon



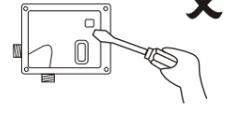
Don't put other objects in the sensor zone, which will make the sensor work and waste water



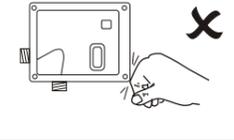
Don't sprinkle water to the panel directly, or will cause damage, electric shock, fire



Don't repair it if you are non-professional

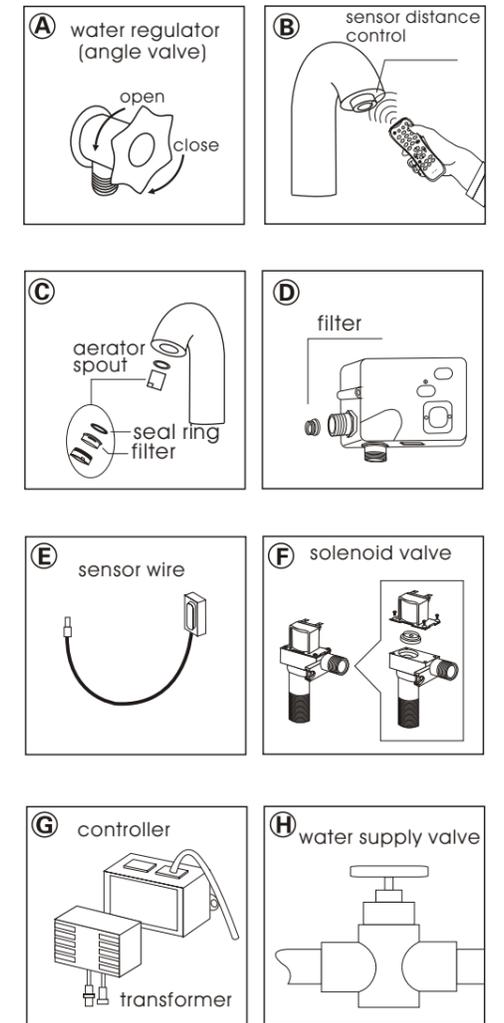


Subject it to strong impact or force may cause the parts or the electronic components damage



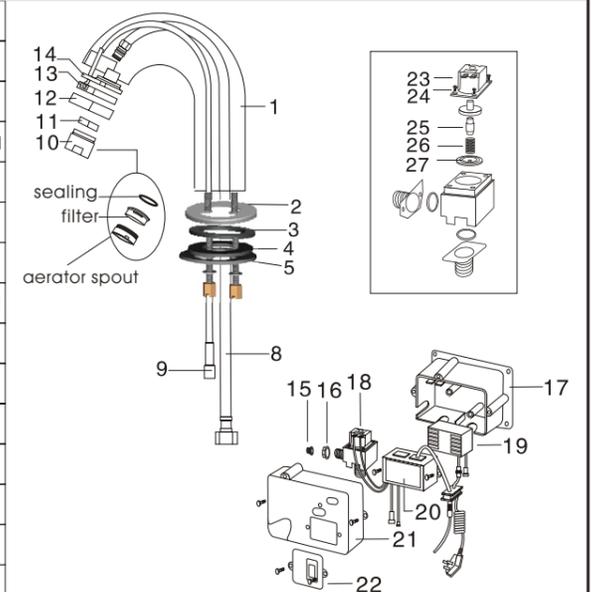
## FAULTS AND SOLUTIONS

unfavorable factors	Symptom	solutions	Picture
out of power		supply power	
water outage or the angle valve not wide open		supply water or open the angle valve perfectly	(A)
water pressure no in the allow range	water can not flow	adjust the water pressure	(H)
sensor distance is short or sensor mirror with dirt		adjust the sensor distance or clean dirt	(B)
filter and aerator spout is dirty		clean filter and aerator spout	(C) (D)
sensor wire is broken		change the sensor wire	(E)
controller is broken		change the controller	(G)
dirty water cause solenoid valve broken		change solenoid valve	(F)
sensor distance is too long or sensor opposite a light-reflecting object	water can not cut off	adjust the sensor distance or move the light-reflecting object	(B)
water pressure no in the allow range		check water supply and adjust water pressure	(H)
dirty water stick the solenoid valve		clean the solenoid valve	(F)
unsteady voltage cause controller broken		check electric power, change controller	(G)
water pressure is low or the angle valve not wide open	water flow is small	check water supply, open angle valve perfectly	(A) (H)
filter and aerator spout is dirty		clean filter and aerator spout	(C) (D)
water pressure no in the allow range	Mere drop when stop work	check water supply and adjust water pressure	(H)
filter and aerator spout is dirty		clean filter and aerator spout	(C) (D)
dirts choke solenoid valve		clean solenoid valve	(F)
unsteady voltage cause controller broken		check electric supply, change solenoid valve	(F)
out of power	No working	supply power	
sensor distance is too short		adjust sensor distance	(B)
unsteady voltage cause the controller broken		check electric power supply, change controller	(G)
sensor distance no in the allow range	water flow intermittenly	adjust sensor distance in prescribed limits	(B)
unsteady voltage cause the controller broken		check electric power supply, change controller	(G)
unsteady voltage cause the solenoid valve broken		check electric power supply, change solenoid valve	(F)



## PRODUCTS DECOMPOSITION MAP

No	code	parts name	No	code	name
1	A1020143	faucet body	15	A2030036	filter
2		deck plate	16	A2030034	plastic nut
3		deck plate gasket	17	A2030184	control box back shell
4		rubber gasket	18	C1050111	solenoid valve
5		metal gasket	19	C1050125	transformer
6			20	C1010117	controller
7			21	A2030182	control box front shell
8	A1030383	flexible hose	22	A2030184	batteries box
9	C1020037	sensor wire	23		solenoid valve coil
10	A1030373	aerator spout	24		screw
11		rubber gasket	25		iron core
12		sensor	26		spring
13		sensor bracket	27		diaphragm
14		spout bracket			



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## NOTICE BEFORE INSTALLATION

- Using clean water, forbid to use dirty water what without filtration and treatment
- Laying water pipe in according to the instruction, the supply water valve is for the product 's exclusive use and use water proof socket
- Plas clean the supply water pipe before install the product
- Suggest use a device to increase the water pressure if it is below 0.05Mpa
- Suggest use a device to reduce the water pressure if it is over 0.6Mpa

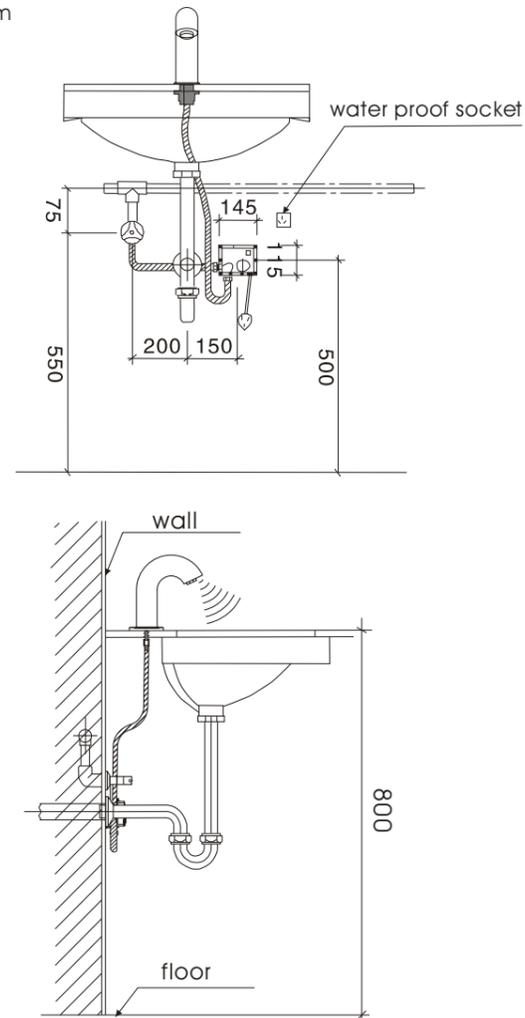
## INSTALLATION AND USING ENVIRONMENT

	Don't use the product in a damp place (such as shower room)	
	Avoid to direct opposite sunlight	
	It will cause problem or be a mere trickle if the water pressure below 0.05Mpa	
	It will cause problem if the water temperature over 60°C	
	Plas keep the room temperature over 0°C or will cause leaking	

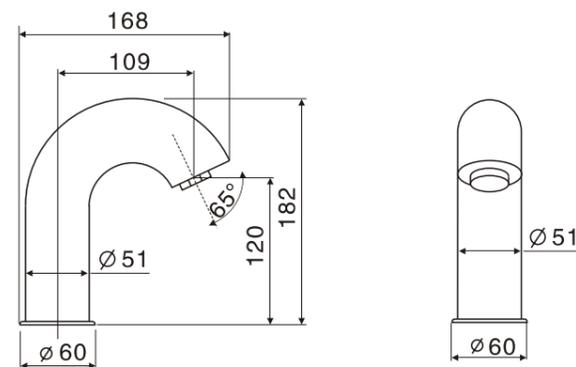
Don't install the products are directly across from each other and forbid to be directly opposite the light-reflecting object, such as mirror, shining metal and light what will influence the normal use.

## INSTRUCTION MAP

UNIT:mm



## PRODUCTION SIZE



## INSTALLATION STEPS

**1**

Lay the water supply pipe, power cable tube, outflow tube according to the sketch map. Position the control box on the wall, then stick the sketch map on this position. Drill bores respectively according to the sketch map's hole.

**2**

Clean the water supply pipe first, install the angle valve on the water supply pipe. Then fix the control box on the wall aim at the bores.

**⚠ notice: pls don't reverse the control box**

**3**

Put the tap, deck plate on basin hole, then fix the gasket and nut on the underside of basin and tighten them by special spanner.

**4**

Insert the sensor wire into control box, and use the flexible hose to connect the faucet and control box. Then put the plug in the socket.

**5**

Please inspect all connections after installation, if everything is certified as correct, please open the angle valve to clean the water pipe, and then connect the input flexible hose to the angle valve and control box.

**Test Steps**

**Working state**

- Water flow will start automatically when hands enter the sensing zone, or touch the sensor pad.
- Water automatically shuts off when hands exit the sensing zone.
- Water automatically shuts off after 30 seconds.

**sensor distance adjusting**

The sensor distance is in normal use 9-15cm. If it is needed to change in special use, please adjust on the remote. Press 7-8-6-1-+, the distance becomes large. And press 7-8-6-1--, the distance becomes short. We suggest the distance don't exceed 18cm.

**water flow adjusting**

Adjust angle valve to control the water flow volume.

**clean filter and aerator spout**

Clean the filter and aerator spout if water flow volume is small.