

# Warranty Card



Customer	Name	
	Address	
	Telephone No.	
	Purchase date	

Please fill in this warranty card in detail and affix the dealer's seal, otherwise it will be invalid.

1. The user abides by use of this manual and the correct storage conditions will have one year warranty from the date of sale.

During the warranty period, free repairs will not be provided if the following circumstances:

2. ① Failed to present the warranty card or proof of purchase (invoice or receipt);
- ② Beyond the warranty period;
- ③ Damage caused by disassembly or modification;
- ④ Damage caused by wrong/neglect use or improper use;
- ⑤ Failure or damage caused in unusual working conditions (such as long-term use in harsh environments);
- ⑥ Appearance is naturally dirty due to use.

Distributor's Signature:	Inspector:

## SHENZHEN HECHUANG HITECH CO., LTD.

Customer Service: 0086-769-82082301(8022)

Website: <https://www.hc-hitech.com>

Manufacturer's Address : F-23rd, Bldg. S6, Fenggang Tian-an Cyber Park, Dongguan, China

# USER MANUAL

- Please read the instruction manual carefully before using the product and keep it properly.
- The contents of this manual have been carefully checked. If there are any printing errors or misunderstandings, please contact us as soon as possible.



Website

## Preface

You are welcome to use Hechuang UVC Fluid Disinfection Module. Please read this manual carefully before use the product. It can help you to use and install more standardized and rationally so that our products can serve you more effectively. If you encounter problems during usage, please contact us in time.

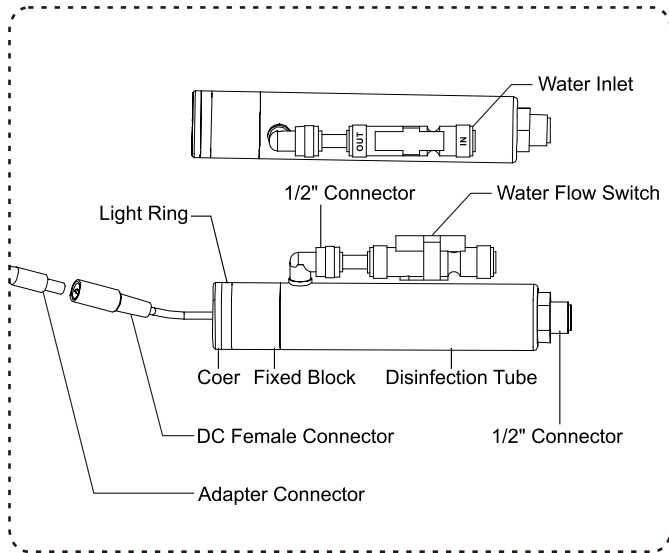
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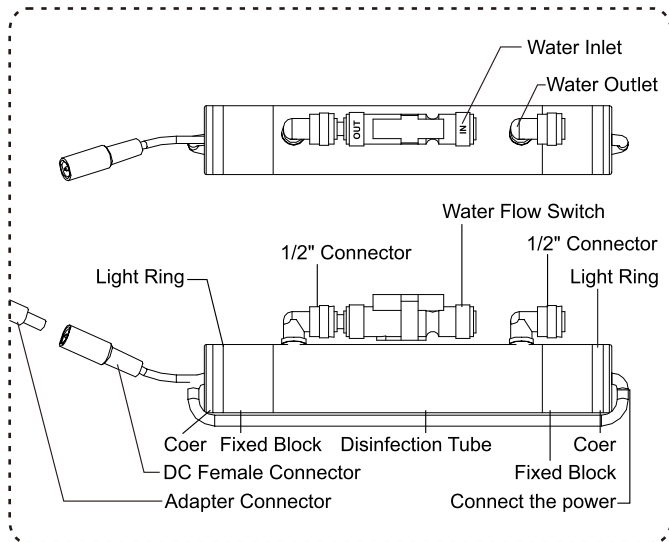
## Attentions

1. Do not remove the machine parts at will to avoid water leakage and damage to the machine.
2. Do not use a power that is not compatible with the rated voltage of the machine, the machine uses 100~240V - 50/60HZ single-phase secondary power socket.
3. Pull out the power plug, close the water inlet valve and cut off the water source when not in use for more than 24 hours.
4. You should operate it as the first use after not using it for more than 72 hours.
5. Handle carefully during loading, unloading, transporting and installing.
6. When the machine fails, the power and water source should be cut off quickly, and the professional technicians should be notified for maintenance.
7. Before connecting the product to the power supply, please check whether the marked voltage of the product and the local power supply voltage are matched.
8. It must be manufacturer's maintenance personnel or similar specialists come to repair and replace if the power cord is damaged to avoid danger.
9. If the plug, power cord or the product itself is damaged, please do not use this product.
10. This product is not suitable for people (including children) who lack of relevant experience and skills unless there are responsible operation safety person.
11. Do not move the product by pulling the power cord.

## Product Structure



Single Disinfection Module



Double Disinfection Module

## Installation Notes

Display and Function	Working Status
Red Light	The power adapter interface is plug into the circuit board interface, and the circuit board red light on.
Green Light	The indicator light turns "green" after the water is passed, indicate that it enters the disinfection mode.
Flashing light	The Fault prompt indicates that the UVC LED is abnormal and needs to be repaired (the PCB board & UVC LED & module head touched with a slight thermal sensation is the normal working mode).
Flow Switch	The inlet tube is connected to the "IN" interface of the water flow switch, and the "OUT" outlet is the water purification connector at the large end of the connection module
Module Interface	1/2" quick connector to 1/2" external thread to connect water flow switch, 1/2" quick connector to 1/2" external screw connecting to the module pipe, which is the outlet pipe.

## Way of Working

- The indicator light turns " blue " when water is passing, indicates that the disinfection module start to work;
- When water and power passing, the head of the UVC disinfection module on the circuit board has a slight heating sensation which belongs to the normal working mode.

## Application

This UVC Fluid Disinfection Module can be applied to Water purifiers, Water Dispensers, Water Fountain, Smart Toilets, Air Purifiers, Air Conditioners, Fresh Air System, Refrigerator, Bathtub, Washing Machine, Ice Machine, Coffee Machine Sterilization Box, Sterilization Cabinet, Food and Beverage Disinfection Equipment, Portable and Mobile Disinfection Equipment etc.

## Parts List

Item No.	Name	Quantity
01	Stainless Steel Module	1
02	PCB	1
03	Adapter	1
04	1/2" to 1/2" external thread quick connector	1
05	Water Flow Switch	1

## Main Technical Parameters

Product Name	UVC Fluid Disinfection Module
Voltage	DC12-2A / DC24-1A
Power	5/10W
Water Pressure	0.1-0.4Mpa
Water Source	Municipal Tap Water
Temperature	5-45°C
Switch	Flow Sensor Switch
Disinfection Waveband	UVC260-280NM
Working Current	500mA
Water Flow Rate	7.0-15.0L/min
Type of Protection against Electric Shock	II
Water Quality	Refer to the second part of "Disinfection Technical Specifications" (Ministry of Health 2002 Edition)Min-2.1.4.1

## Hazardous Substance Declaration

In order to meet the laws and regulations related to the restriction of hazardous substances in electrical and electronic products. After detailed internal investigation, our company is classified by parts as follows.

### UVC Fluid Disinfection Module

Part Name	Harmful Materials					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
Rubber Seal	○	○	○	○	○	○
Components of Computer Board	×	○	×	○	○	○
Other metal Structural Parts	○	○	○	○	○	○
Power Adapter	×	○	○	○	○	○
Plastic Parts	○	○	○	○	○	○
Wire	○	○	○	○	○	○

This form is compiled in accordance with the regulations of SJ/T11364. Some types of products may not contain some parts in the table. Electric control board group include components, PCB, terminal blocks etc.

#### Remark:

O: Indicates that the content of the hazardous in all homogeneous materials of the part is within the limit specified in GB/T26572.

X: Indicates that the hazardous in a certain homogeneous material of the part exceeds the GB/T26572 regulation limit.



The number in the circle indicates the environmental protection use period of the product under normal use