

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

SHENZHEN HECHUANG HITECH CO., LTD.

Customer Service: +86-769-82082301/+86-769-82082380

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Production ADD.: 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 HC-HITECH 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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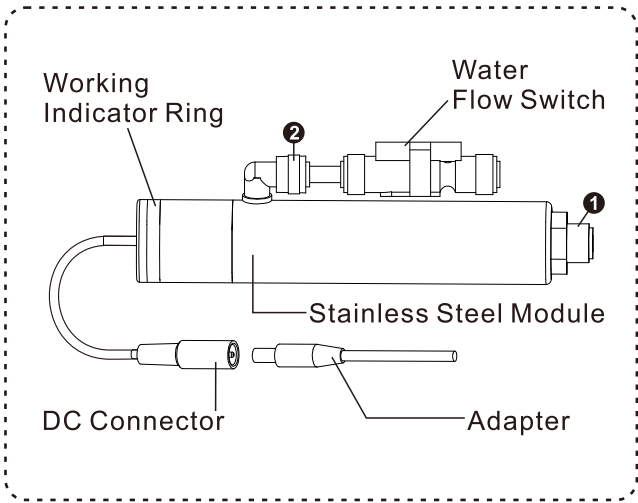
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Attentions

1. Do not remove the machine parts at will to avoid water leakage and damage to the machine.
2. Handle carefully during loading, unloading, transporting and installing.
3. When the machine fails, the power and water source should be cutoff quickly, and the professional technicians should be notified for maintenance.
4. 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, don't exceed the rated range.
5. If the plug, power cord or the product itself is damaged, please do not use this product.
6. This product is not suitable for people (including children) who lack of relevant experience and skills unless there are responsible operation safety person.
7. Do not move the product by pulling the power cord.
8. If the water flow switch connect reversed, the module can't work properly.

Product Structure



3L UVC-LED Water Sterilizer

- ❶ Water Pipe Adapter (Straight Type)
- ❷ Water Pipe Adapter (L Type)

Installation Notes

Display and Function	Working Status
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	1/4" quick connector to 1/8" external thread to connect water flow switch, 1/4" quick connector to 1/2" external screw connecting to the module pipe, which is the outlet pipe.

Way of Working

After installed, powered on and opened the water, the blue work indicator ring is lit up, and the UVC-LED water sterilizer begins to work.

Application

This disinfection module can be applied at household, commercial, medical, laboratory, outdoor and mobile (RV, yacht, boats) water purification equipment or systems.

Parts List

Item No.	Name	Quantity
01	UVC-LED Water Sterilizer	1
02	Power Selectable	1
03	1/4"to 1/8"external thread quick connector	1
04	1/4"to 1/2"external thread quick connector	1
05	Water Flow Switch	1

Main Technical Parameters

Model number	HC-MKDG-40A-155
Voltage	DC:12/24V
Power	4W
Water Pressure	0.1-0.4Mpa
Water Source	Municipal Tap Water
Temperature	-40-80℃
Switch	Flow Sensor Switch
Disinfection Waveband	UVC 270-280NM
Working Current	333mA/166mA
Water Flow Rate	3.0L/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-LED Water Sterilizer

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