



**Model (Code): CW-3000H**

**Name: CW-3000H 0.8KW / 1.5KW Spindle Cooling Water Chiller, 1P 220V**

Overview	Specifications	Packing list	Warranty
----------	----------------	--------------	----------

It is designed for cooling the spindle of the CNC engraving machine.

Have design patent Certificate, CE Certificate

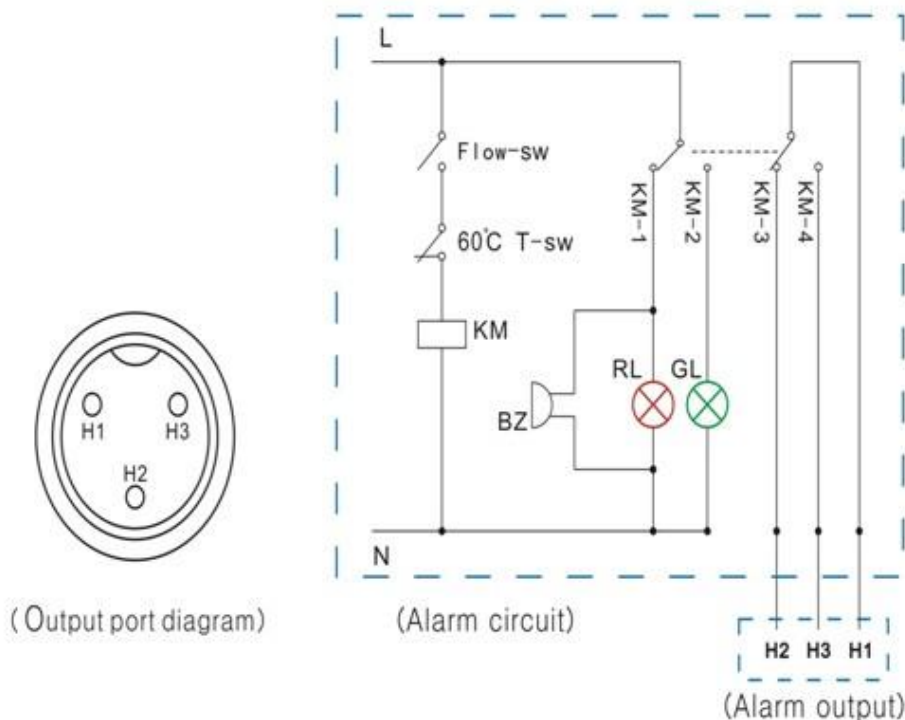
This water chiller has been sold largely to Europe, South America, Asia and other markets.

Economic cooling equipment, easy to install and operate, compact and easily movable

## Features

- ◆ You can choose different models according to local voltage and frequency.
- ◆ CW-3000H water chiller, comprehensive reference to the international radiator - type cooling system, is suitable for small water cooling device.
- ◆ Specific disconnection alarm securing protection.
- ◆ Enclosed water tanks, water used for a long time.
- ◆ Professional forced air - cooled radiator, high heat dissipating capacity and not easy to be blocked.
- ◆ Equipped with alarm output port, can quickly protect sensitive components.
- ◆ High cost performance, low failure rate.

## Alarm Function's Description

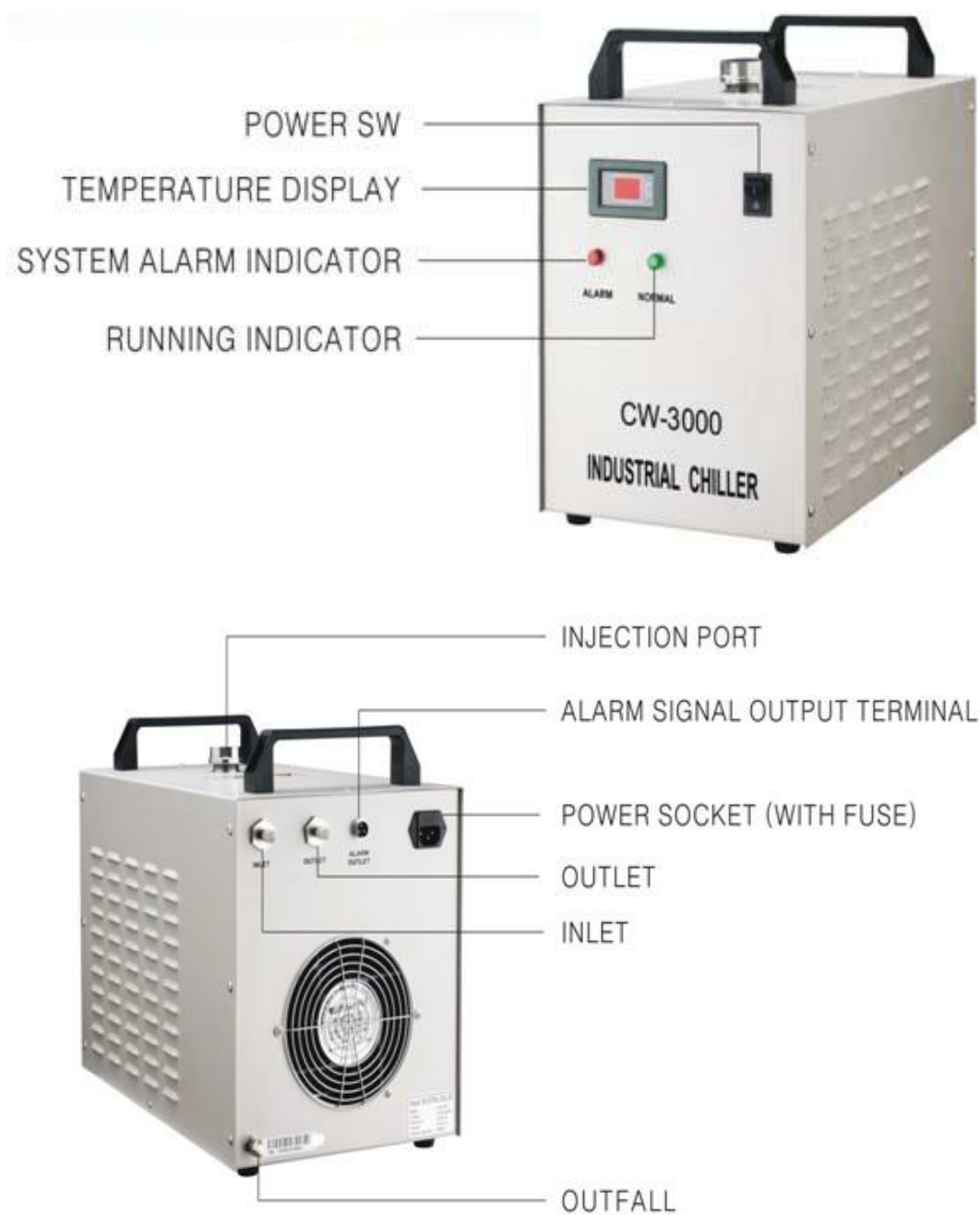




**The cooling water circulation loop alarm causes and the work of the state table**

Items	Green light	Red light	Buzzer	Out H1, H2	Out H1, H3
Normal	On	OFF	No voice	OFF	On
Water stops up	OFF	On	Voice	On	OFF
Surpasses 60°C	OFF	On	Voice	On	OFF
Pump breakdown	OFF	On	Voice	On	OFF
Water alarm	OFF	On	Voice	On	OFF
Faulted circuit	/	/	/	On	OFF
No Power	/	/	/	On	OFF

**Details**





## Usage



Industrial cooling machine's installation is very simple, the new machine for the first time using, you can install it as following steps.

- Open the package and check the machine and all accessories.
- Open the mouth screw on the top of machine, add cooling water (Please don't power the machine without water).
- Connect the inlet and outlet hose between water cooler and cnc engraver.
- Connect the power cable, turn the power switch (Note: Don't let the water overflow).
- Check the radiator water level again (Keep the distance between water level and mouth is 80 – 150mm).

## Caution

A cooler water condition in the absence of electricity is prohibited!

Location placed cooler should select a well - ventilated, dry environment, away from other heat sources. Outlet of the back of the cooler should be away from obstruction for more than 30cm, both sides of the inlet should be away from obstructions



for more than 10cm.

Cooling machine no use for long time or in transport must keep emptying the cooling water.

## Method of exchanging water in the water tank and the exchanging frequency

### Method of exchanging water in the water tank

Drain the waste water out of the water tank through the drain outlet and fill the clean water into the tank through the filling hole.



### Exchanging Frequency

The purified water should be exchanged once a month and the running water should be exchange twice a month.

## Maintenance

Cooling machine used in long term, you should open the machine and clean the dust in order to ensure good heat dissipation.

You can use non – corrosive antifreeze if you are in the northern cold regions.

Overview	Specifications	Packing list	Warranty
----------	----------------	--------------	----------

## Specifications

Model	CW-3000H	CW-3000HA
Power Supply	AC 1P 220V, 50 / 60Hz	AC 1P 220V, 50 / 60Hz
Current	0.45A	0.5A
Tank Capacity	9L	9L
Cooling	Radiator that forces the wind cooling	Radiator that forces the wind cooling
Amount of Cooling	50W / °C	50W / °C
Way of Circulation	Water pump forces circulation	Water pump forces circulation
Maximum Flow	10L / min	13L / min
Maximum Pumping Lift	10M	12M
Inlet and Outlet	External Dia.: 8mm brass connector	External Dia.: 10mm brass connector
Protection	Flow alarm	Flow alarm

CW-3000H: applied to cool dual 1.5KW CNC spindles or welding equipment

CW-3000HA: applied to cool four 1.5KW CNC spindles or welding equipment



Overview	Specifications	Packing list	Warranty
----------	----------------	--------------	----------







**Terms & Condition of Purchase:** After we receive PO from customer with stamp, we give PI for customer.

**Lead Time:** After receiving customer's deposit, within 1-4 days.

**Wooden Box:** There is total one carton box.

Machine Dimension	470mm x 270mm x 370mm (18.5" x 10.6" x 14.6")
Machine Weight	12kg
Package	Carton box
Packing Size	590mm x 380mm x 470mm (23" x 15" x 18.5")
Gross Weight	14.5kg

## Packing List

Pictures	Name	Qty
	CW3000 water chiller machine	1 set
	Power cable	1 pc
	Connection hose	1 pc
	Sealing washer	2 pcs
	250V / 2A spare fuse (Mounted on the power socket interface within the insurance reserve)	1 pc
	User manual	1 pc
	Alarm signal output plug	1 pc

**Caution:** The appliance is not to be used by children or persons with reduced physical, sensory or mental capabilities or





lack of experience and knowledge, unless they have been given supervision or instruction, children supervised not to play with the appliance!









Overview	Specifications	Packing list	Warranty
----------	----------------	--------------	----------

Comprehensive guarantee for one year except the wearing parts

24 - hour technical support by email or calling

User - friendly English manual for machine using and maintaining

### **Spare Parts Supports**

We provide all replacement parts for all machines we sold, if you have a parts that break beyond warranty period, you could order it directly from us at reasonable prices. We would post the new parts with step by step instructions in PDF format on how to replace the parts to you.

**If you want to buy any parts from us, please tell us the names or pictures of the parts.**

### **Satisfaction Guarantee**

For the items other than consumable products sold via [www.Sign-in-China.com](http://www.Sign-in-China.com), we provide 12 months warranty after shipment. All the extra parts for equipment can be purchased from [www.Sign-in-China.com](http://www.Sign-in-China.com). Further, for our VIP customers, the period of warranty shall be extended to 18 months.

We offer 14 days 100% satisfaction guarantee on all our machines. If you are not satisfied after receiving an item, Sign-in-China.com promises that, within 14 days after actual delivery of such an item, you are allowed to return the item to us and get complete refund, provided the returned item does not affect its subsequent re - selling and you also undertake the charge of returning delivery.

**More information, please look at the document of [Training & Warranty & Service Policies](#).**