

# Water Chiller User Manual

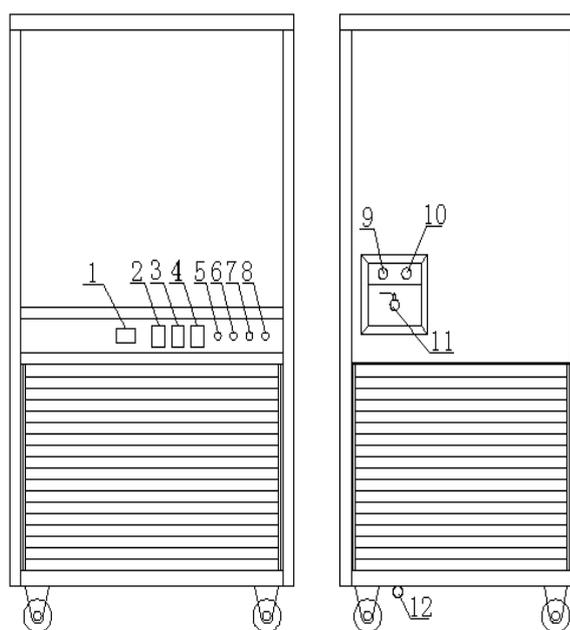
### I. Brief Introduction

NFLJ series water chiller is manufactured by our company. It has high efficiency and features quick refrigeration, automatic operation, using imported refrigerating components, R4040 type refrigerant, which meets the demands of environmental protection and so on.

Its working principle: supplying clean water into the water intake of the chiller, power on, the watering relay begin to water, when the water level reaches the refrigerating water level, the compressor begin to work, meanwhile, the relay continue to water, when the water fill the set water content, the watering relay stop watering, the refrigeration will not stop until the temperature reaches the initialization. Press the water release button, water pump begin to out-put (you can choose to connect the pump to the spiral mixer with a pipe), the pump will stop when the water pumping is finished., then the watering relay begin to work again, and so the circulating.

### II. Structure

- 1-Temperature controller
- 2-Power switch
- 3-Water capacity selection
- 4-Auto water outlet
- 5-Valve inlet indicator
- 6-Refrige kation indicator
- 7-Outlet indicator
- 8-Error indicator
- 9-Outlet
- 10-Inlet
- 11-Manual water release valve
- 12-Overflow exit



### III. Technique Parameter

Mode	Vol.	Frequency	Power	Capacity	Refrigerate Capacity(+5℃)	Dimension (mm)	Weight
TT-WC100	220V	50HZ	1.3KW	100L	100L/1t	700*700*1640	75Kg
TT-WC200	220V	50HZ	2.2KW	200L	200L/1t	1000*800*1640	120Kg

### IV. Operation

1. The place where the chiller should be kept calls for aeration, little dust and at least 20cm far away from around, and it must be kept off heating source.
2. The outside of the chiller calls for reliable earth and creepage safe-protecting switch.
3. When equipping a water purifier for the water intake, using parallel connection, in order to

increase the flow capacity.(For little flow capacity leads to longer watering time, which can prolong the total refrigerating time)

4.Clean the heat-extractor of the compressor once a month by using fur brush and when cleaning , follow the direction of the slice from up to down. Please open the manual valve when clean the water tank (Never brush the slice from left to right, or else the slice will be damaged.)

5. When setting the temperature , press the button Set , the LED will display the original set temperature , then press the buttons  $\Delta$  or  $\nabla$  to get the temperature you want. The original temperature is **+5°C**.

6.When setting the internal parameter of the temperature controller,(best not change the set parameter, for wrong set can cause the machine not work properly), press the button **SET** for 3 seconds, the LED will display the parameter setting codes, press buttons  $\Delta$  or  $\nabla$  to select the parameter you want to set, then press the button SET and buttons  $\Delta$  or  $\nabla$  at the same time to set the parameter. Once a parameter is set, using the button  $\Delta$  or  $\nabla$  to select another one and set, the process is the same as above.

**F1**--Minimum temperature, original set is +5°C.

**F2**--Maximum temperature, original set is+ 8°C.

**F3**--Temperature adjusting, original set is-2°C.

**F4** --Compressor delay, original set is 3 minutes.

F5—Alarm

7. Power off the chiller in the case of the error indicator lighting, and have professional maintenance man fixed it.