











101L1 Cooling fan speed controller operating instructions

1、Description of functions

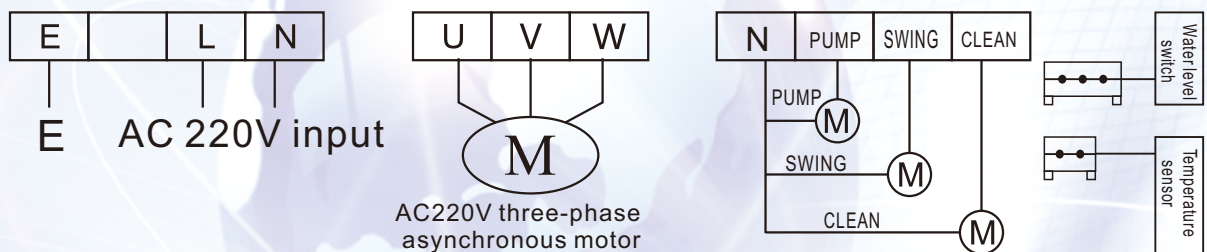
1. Speed range: 0HZ~50HZ or 0HZ~60HZ (please specify when ordering 0HZ~60HZ)
2. Specification and model: 1.5KW-380V, 2.2KW-380V, 3KW-380V
1.5KW - 220V, 2.2KW - 220V
3. Can achieve refrigeration supply, reverse exhaust
4. The position of the swing blade can be controlled to achieve the different wind direction
5. The drainage motor can be controlled to realize the cleaning function
6. The external temperature and humidity sensor can achieve PID control. According to the temperature and humidity setting value, the air volume and water pump operation are automatically controlled, and they must be used in conjunction with the touch screen keyboard.
7. The built-in infrared remote control can realize remote control but have to be within a range of 20m



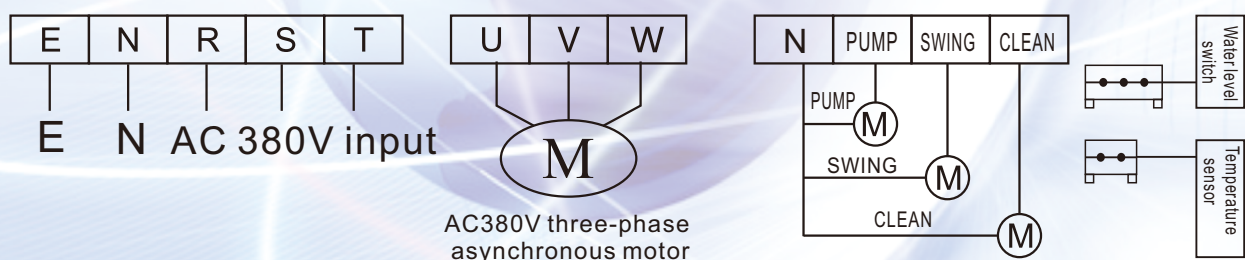
2、Instructions

1. The wiring terminal is under the controller. Open the wiring terminal cover to check the wiring terminal fix the upper left corner and under right corner when installing
2. Wiring correctly according to the wiring drawings, 380V incoming power wire is connected to R、S、T terminals, 220V incoming power wire is connected to L and N terminals and motor output wire is connected to U、V、W terminals
3. Operation instructions of touch screen keyboard:
 - I. After wiring, power on, hear the buzzer "didi" sound, the screen turns blue, press the open key .
 - II. Press the refrigeration . Main motor and pump motor run simultaneously.
 - III. According to the air supply key . When the main motor is running alone, press the refrigeration button . The pumps work at the same time.
 - IV. Press the clean button . Drain motor running.
 - V. Press the extract button . Main motor running in reverse.
 - VI. Press the pendulum button . Swing vane motor running.
 - VII. Press the add key . Reduce the key . Adjust the wind speed, the default frequency is 12 speed corresponding to 50HZ
 - VIII. Long press 3S . When the little English letters appear on the top of the flash, press the setting button, can achieve the temperature and humidity PID control, and the automatic adjustment

3、Wiring diagram



Environmental air conditioning speed controller, AC220V input, AC220V output wiring diagram

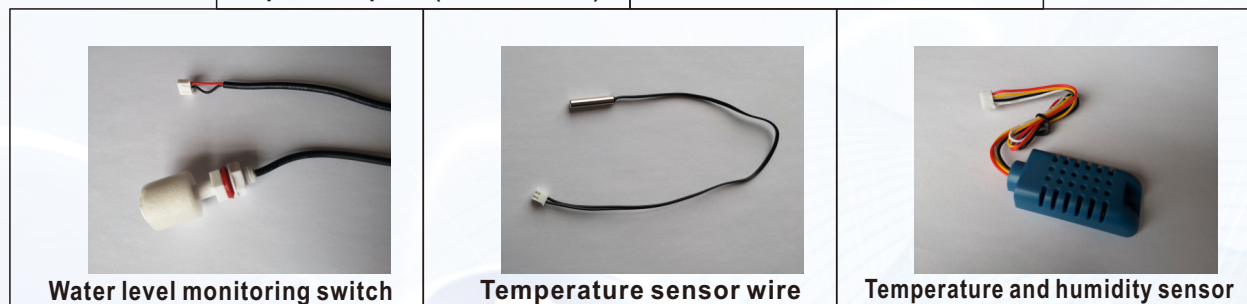
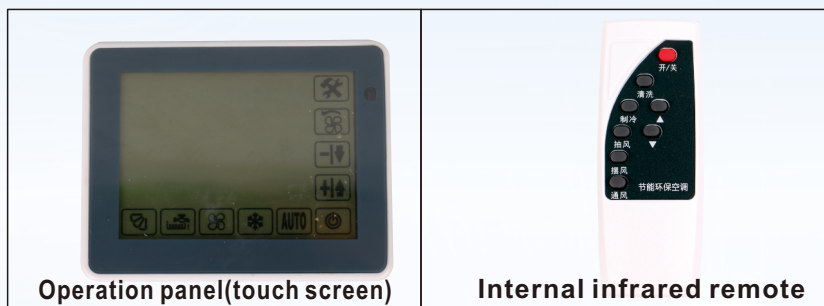


Environmental air conditioning speed controller, AC380V input, AC380V output wiring diagram

4、 Selection and use of external accessories

Environmental protection air conditioning controller external accessories are: touch screen keyboard, keyboard extension cord, infrared remote control, water level monitoring switch , temperature sensor line, temperature and humidity sensor

- 1.1. The keyboard is a touch screen keyboard. Please refer to the above instructions for function introduction. (standard)
- 1.2. Keyboard extension cord is a four-core interface with a length of 2m. (standard)
- 1.3. When using the infrared remote control, aim at the infrared receiver of the keyboard. (standard)
- 1.4. The water level monitoring switch is controlled by the float ball ,it is installed on the water level bracket .When the water level is high enough , the float ball is buoyant to touches the internal magnetic induction switch , at this time , the water signal detection is broken and water level is normal . When the water level is low enough, the float ball will sink to touches the internal magnetic induction switch, at this time, the signal detection is closed, the water level alarm is given, and the refrigeration function cannot be realized. (optional)
- 1.5. The temperature sensor line is installed in the air outlet of the cooling fan so that can detect the internal temperature of the cooling fan. (optional)
- 1.6. The temperature and humidity sensor must be used together with the touch keyboard so that can monitor the indoor temperature and humidity and realize automatic adjustment of temperature and humidity. (optional)



5、 Protection function and alarm code

1. Low voltage protection: 01/02; 2.Overcurrent/output short circuit protection: 03/04
3. Overvoltage protection: 05/06; 4.Instant restart protection ;
5. Overheating protection: 07/08; 6.Overload protection: 09;

Safety warning: Do not touch the metal parts of the controller when the controller is energized

Warranty card

Type: _____ Factory barcode: _____

Fault phenomenon or fault code: _____

Company name: _____

Address: _____

Date of purchase: _____ Contacts: _____

Telephone: _____ Mobile phone: _____

E-MAIL: _____ Fax: _____