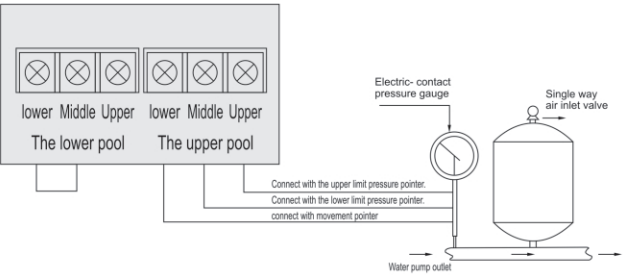
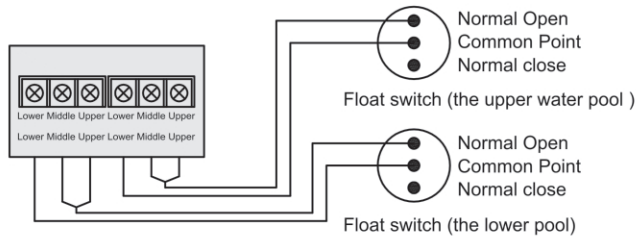


D、Constant pressure connection



Note: The DIP switch beside the terminal must be set to "pressure" position, water pressure down to the minimum pressure, start the motor to increase the pressure, the pressure reach to the upper limit pressure,The controller will stop the motor.

E、Float switch wiring connection



Parameter setting method:

- 1,Overload current setting method
 - a. Start the pump controller and to make the pump work normally .Write the working current of the pump.
 - b. According to the current setting, press the Set button, the keypad displays oLC, press the Set button, the current digital tube flashes, through the up and down keys, enter the overload current, press the Set button again to confirm.
- 2, no-load current setting and no-load fault restart time method
 - a, turn off the water, let the motor run without any load, note the current of the pump .
 - b, According to the current setting, first press the Set button, the panel displays uLC, press the Set button, the current digital tube flashes, through the up and down keys, enter the overload current, press the Set button again to confirm.
 - c, the panel displays uLT, and then press the Set button, current digital tube flashing, enter the no-load fault restart time via up and down keys,, press the Set button again to confirm.
3. Manual / automatic shift

Press the panel manual / automatic button to switch to manual or automatic indicator light on.
- 4.Fault check : Press"UP" and "Down" to check .

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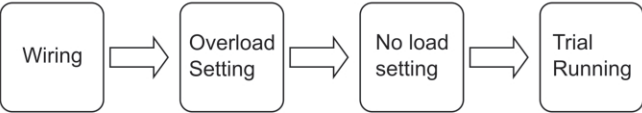
Intelligence Pump Controller
User Manual



ZIRI ELECTRICAL TECHNOLOGY CO.,LTD.

Thanks for your using CHZIRI Intelligence Pump Controller,In order to operate the pump controller .Please read the user manual carefully before using . and keep it for reference .

Fast Installation



- Note:**
- 1.You must strictly abide by the National Electrical Code of Practice when installed the controller, please do not operate when the controller is running . Please ask the experience electrician to install , Otherwise there may be electric shock!
 - 2.The controller is not installed leakage switch, may cause serious security incidents, the user can installed by yourself .
 - 3.The controller is not installed the circuit breakers . the user can installed by yourself .
 - 4.Set the overload current must be consistent with the normal motor working current, Otherwise can not be effectively protected.
 5. you must troubleshoot when the controller jump the fault , then press " start "button to start, otherwise it will burn the controller or the motor.
 - 6.The controller have the protective function for the motor . but not all situation can be protected, for example: the quality of the motor itself or lightning stroke and so on.
 7. Our company only for the product warranty and maintenance, such as after using of this product, the motor failure or burn out, our company is not responsible for maintenance or compensation! The other due to the impact of machine failure on the user, our company does not assume responsibility.

1. Product Package

Intelligence Pump Controller	User Manual	Probe
1 Unit	1 book	1Set(4 PCS)

2. Product Features

- A.The product uses chip control, integrated on the upper and lower water level and pressure control.
- B. Manual, automatic mode can be selected .
- C.Overload , no load, lack of phase, overvoltage, undervoltage and other protection function .
- D. with no-load restart time: 1-999 minutes can be adjusted .
- E.Have fault memory
- F.Easy installation,easy operation .

3. Main Technical Parameters

Overload Protection Time

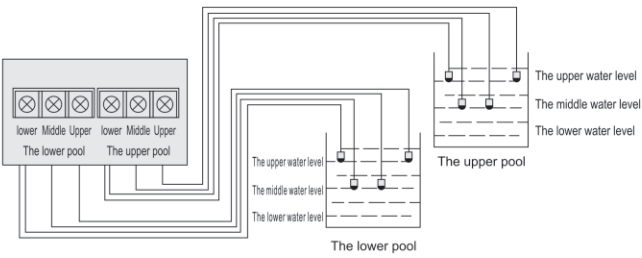
Overload multiple	1.2 Times	1.5 Times	2 Times	3 Times	4 Times
Protect Time	60 Seconds	45 Seconds	30 Seconds	20 Seconds	11 Seconds

4. Installation Wiring Guide

1. Fixed installation the controller, open the junction box, according to the instructions of the label. good connect with power, water pump.
2. according to the need to connect the probe wire as shown below,pay attention to the probe line can not be shorted during wiring .

Wiring Diagram of Typical Application

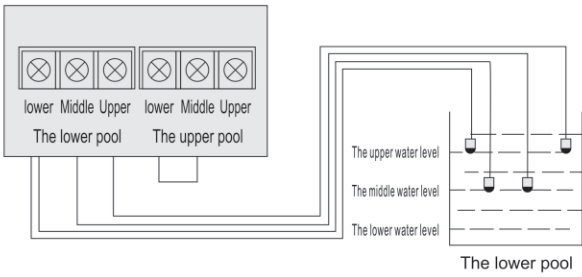
A、 The upper and lower pool water supply connection



Description: the water level of the lower pool is less than middle water level. the controller will be water shortages, water level exceeds the upper water level, began to drain, the lower water level acts as a loop.

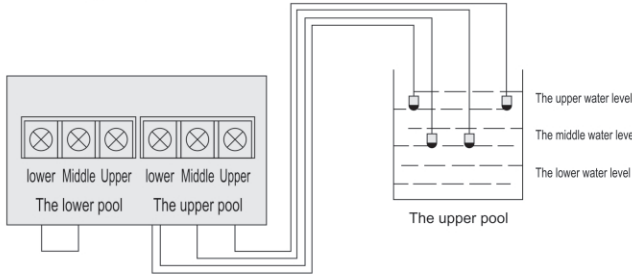
The upper water level on the pool is below the middle water level, will start the water supply, the water level exceeds the upper water level, the controller will stop when water get ,the lower water level acts as a loop.

B、 The lower pool water



Description: the water level of the lower pool is less than middle water level . the controller will be water shortages, water level exceeds the upper water level, began to drain, the lower water level acts as a loop.

C、 The upper pool water



Description: The water level Of the upper pool is less than the middle water level . the controller will start to water supply . the water level exceeds the upper water level . the controller will stop when the water get full . the lower water level acts as a loop.