Product Introduction

Wide

Large wave-making range and gentle current

Medium

Moderate water outlet angle and distance

Narrow

Long wave-making distance, rapid water flow

The third generation of zhongke intelligent ,wave pump has a unique appearance and a pioneering control mode.Real simulation of the ocean state, According to the sunrise and sunset, the ebb and flow of the tide set different working conditions wave making pump of state.The wave making pump sets Different wave making power and different wave making mode according to different time and different wave making frequencies. Wave pump three kinds of net cover interchange, Provide wide and narrow three kinds of outlet angle adjustment degree, to adapt to different fish tank scene, new magnetic suction positioning function, can achieve flexible angle direction make waves. There is no dead end for a fish tank to make waves. small volume, good concealment, low noise, full strength, high diffusion.

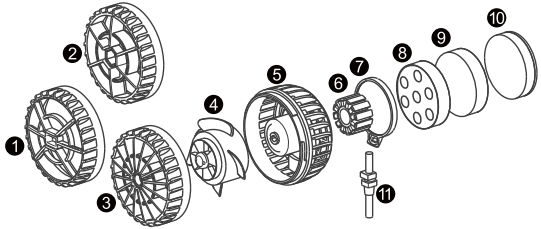
Product Features

- Wireless controller operation,APP intelligent linkage control.
- Alloy motor isolation layer,long service life.
- Increase the diversion groove,the diversion shaft is long-lasting lubrication, and the impurities are removed to prevent shaft stuck.
- Three wave types:wide,medium and narrow,six wave modes can be adjusted.
- Compact appearance,quieter,more powerful water flow.

Product Parameters

Model	SlimPro6000	SlimPro8000	SlimPro12000	SlimPro15000	SlimPro20000	SlimPro25000
Flow	6000L/H	8000L/H	12000L/H	15000L/H	20000L/H	25000L/H
Power	12W	16W	24W	35W	45W	70W
Voltage	DC12V	DC12V	DC24V	DC24V	DC24V	DC24V
Size	∅48*55mm		∅58*63mm		∅72*78mm	
Tank size	<50CM	<70CM	<100CM	<120CM	<150CM	<200CM

Product Breakdown Diagram



*Choose one of the three filter screens to use

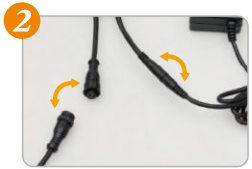
❶❷❸ Filter Screen 1.2.3 ❹ Impeller ❺ Pump Body ❻ Stator ❼ Back Cover ❽ Locating sucker ❾❿ Fixed magnet 1.2 ⓫ Power Cord

Installation

1

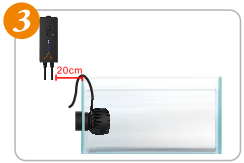
Adjust the direction of the wave pump body on the positioning suction cup, and then install it at a position 15-20 meters below the water level, and place the other half of the magnetic suction outside the fish tank with the wave pump in the tank.

2



Cord of the wave pump to the corresponding interface of the controller. Connect the other end of the controller to the power adapter.

3



According to the installation environment, stick the controller with double-sided adhesive or hang it in a suitable position. Note: The controller needs to be installed 20cm away from the watersurface to prevent accidentally falling into the water or wetting the components of the controller by the water splash.

4

Plug the power adapter into the power socket, and adjust the wave pump mode to the required state after the pump is started, then the installation is complete.

Controller Operating Instructions

• LED light display definition

❶ Signal Lamp: The red light keeps flashing indicate the wavemaker is waiting for connecting, when connected the red light will off.

The blue light on it indicates the wavemaker work in app control mode. After the APP set successfully, click Send, the red light flashes once to indicate that the reception is successful.

❹ Intensity Lamp: 1 and 2 flash simultaneously: hardware over current protection
1 and 4 flash at the same time: over voltage protection
1 and 5 flash at the same time: under voltage protection
2 and 3 flash simultaneously: software over current protection
3 and 4 flash at the same time: open phase protection
4 and 5 flash at the same time: idle stuck protection

• Button definition

❷ Mode button: Long press: ON / OFF wave making
Short press: 1sth , constant current mode
2nd, pulse wave making mode
3nd, nutrition transport mode
4th ,change into APP control mode

❸ Intensity button: Press to increase intensity one at a time
Cyclt between 1-10 intensity

App instructions

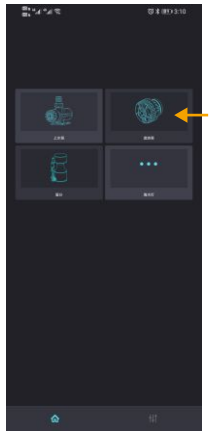
• Download and install app

GET IT ON Google Play Download on the App Store

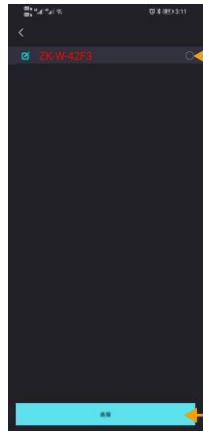
1. Open the application market of mobile phone.

2. Enter " AQUA ZKSJ " in the search bar, identify the icon " ". Click open when the installation is completed.

• APP instructions (Video instructions an be viewed by scaming the code on the first page)



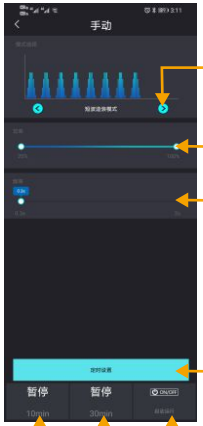
Enter the initial interface and select the wave making pump module.



Select the wave making pump to be controlled.

Confirm the connection

▼Manual mode page



Click the left and right arrows to switch 6 wave making modes in turn.

Slide the dot here to set the required wave making output power (0-100%)

Slide the dot here to set the wave making pulse frequency (0.3s-2s)

Users who need timing can click here to enter timing mode.

Pause for 10 minutes Pause for 30 minutes ON/OFF

▼ Timing mode page

Click the "+ "sign to add a new control period, and the period edit menu will pop up (such as photo),Set the start time of the period and save it.

Click here to select the wave making mode for this control period.

Sliding dot sets the output power of wave making mode during this control period.

Sliding dot sets the pulse frequency of wave making mode during this control period.

After setting, click save❶ . If you need to change it, you can select the corresponding one period❷ , click edit❸ again to modify, and then save❶.

After setting all time periods, click auto, the pump will stop running for a few seconds, and then start to operate according to the newly set mode.

Cleaning And Maintenance

- Clean the wave making pump regularly to ensure its effective action; (Please clean it once at least in three months.)

1

unplug the power supply., separate the controller from the main body of the wave making pump,and do not allow charged poeration.

2

Separate the magnetic suction and take out the main the wave making pump body from the fish tank.

1. Dry the main body of the water pump with a dry cloth.
2. Turn the filter screen anticlockwise and remove it.
3. Wash the impeller and pump body.
4. Close the filter screen and rotate clockwise to back to the pump body.
5. After cleaning and installation, it can be used normally.

- When there is water on the surface of the control box, please dry it with a dry cloth to prevent water from entering the control box;
- When the wave-making pump does not turn, first check whether the control box is powered on, and then use the above cleaning process method to open the main pumpbody, check the wave-making pump body and imperials are stuck with foreign bodies. If it is stuck with foreign matter, wipe it with a soft cloth and clean the pump body with water.
- This product is suitable for use in the home, but it is strictly forbidden to immerse the control box and adapter in water to avoid unnecessary damage.

(Note: Be careful when taking out and cleaning to avoid accidentally falling to the ground and breaking.)

Precaution Notes

Remarks: If the controller displays 5 indicator lights flashing, it means an abnormal alarm. There are several cases of abnormal alarm:

1/The wave pump is not placed in the water, or idling;

2/In order to ensure product performance, it is forbidden to run without water;

3/The installation position of the control box, pay attention to waterproof, prevent water splashing on the control box.

4/The wave pump body is not connected to the controller;

5/The wave pump is stuck, it needs to be cleaned and reassembled;

6/Non-professionals, please do not open the control box and adapter casually to avoid damage;

Disclaimer

Dear customer:

Thank you for choosing the high-quality products produced by Shenzhen Zhongke Century Technology Co., Ltd.

1. In the following cases, the product will get a free warranty:

During the warranty period, under the condition of normal use and maintenance of the product, if there is a problem with the material and workmanship of the product itself, we will provide the product with a warranty. If there is a quality problem with the sold

product, you can get free repair or compensation at the agent or designated point de signated by us. (excluding other miscellaneous expenses other than the product). When the product fails and requires after-sales service, please bring the product, purchase receipt and warranty card, and go to the place of purchase (the official company authorized outlet) to apply for warranty service. If the purchase receipt cannot be provided, the warranty period for the product will be automatically calculated based on the date the serial number of the product itself is on our system.

2. The following situations are not within the scope of the free warranty service:
   2.1 The product is not properly installed and used in accordance with the user's manual, resulting in damage;
   2.2 Products is not repaired/repaired by person designated by the company and damaged;
   2.3 Any consumables or normal tear (such as O- ring, gasket, rotors.etc.);
   2.4 Damage caused by negligence, accident or misoperation;
   2.5 The product is damaged during transportation, and the product is damaged during the user's use such as falling;
   2.6 Accidental natural disasters or other man-made failures or damages to the product;
3. The warranty scope is limited to Zhongke products sold through Shenzhen Zhongke Century Technology Co., Ltd. and purchased from authorized dealers.
4. The company is not responsible for any direct or indirect, special, incidental, punitive, exemplary consequential or economi closs or damage related to the use of our products or related to the warranty.
5. The Company is responsible for products that are covered by the warranty period of the inspection, but are limited to replacement or direct repair of the products with the same or equivalent products, whichever is lower.

Shenzhen Zhongke Century Technology Co., Ltd. is committed to continuous product development, we will reserve the right to modify product specifications or design, Versions are subject to change without notice. We reserves all rights to the final interpretation and modification of the terms and conditions of this warranty card. Thank you again for choosing to use our products

Product Warranty Card

Customer's Information				
Product name			Purchase date	
Product number				
Customer	Name		Telephone Number	
	Address			
Retailers	Name		Telephone Number	
	Address			
Maintenance Record	Date	Maintenance Instructions	User Signature	Repair Personnel
Inspector:			Inspection Date:	

*Slim Pro Series Warranty: 2 Year.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.