



Changzhou Dewo International Trade Co., Ltd

## Water Pump Manual

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Before operating this appliance, please read this instruction manual completely and keep it handy for future reference!

Dear Users:

Thank you for choosing our company products, in order to give our best services to you, please read the user manual carefully before using.

## Application:

This products is used for pumping. And it can be widely used for various purposes:

- ❖ Suitable for fish tank pump filter, aquarium landscape, fountains, waterways, waterfalls, etc;
- ❖ Seafood holding tanks, aquarium circulating water supply and drainage;
- ❖ Garden watering or cleaning equipment;
- ❖ Sea water or acid and alkaline liquid supply and emissions.



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## Characteristic:

- ❖ This product is installed thermal protection, when the motor is overheating because of abnormal operation, the motor will automatically cut off the power.
- ❖ The pump casing and all the parts with contact with the outside are using acid, alkaline and salt-tolerant material. It can be use in salt, acid and alkaline environment.
- ❖ This pump can be used as the amphibious pump.
- ❖ This product uses a unique design of the motor and pump body structure, it has characteristics such as lower power consumption, longer life.
- ❖ This product equipped with multiple connecting ways. It can connect with tubes of a variety of specifications in different occasions.

## Usage:

Before using, take the pump and fix to a suitable outlet, and then connect with the hose. Sucker has a fixed and a cushioning effect. Please fix the suckers on the bottom plate when lying flat or adsorbing on the wall. If fixing the pump with the rope, it is no need to fix the sucker. It also can use the right sticks, nails to fix the pump through fixing the holes of bottom plate. After fixing firmly, you can connect with the appropriate power supply, and the pump start working.



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## Caution:

- ❖ Before using the pump, please make sure the rated voltage marked on the nameplate and the voltage of actual use is consistent.
- ❖ When installing, removing and cleaning the pump, you must unplug the power plug to ensure safety.
- ❖ If the pump has been a serious collision, please check the pump, if broken, please stop using immediately.
- ❖ Not intended to be moved when plugged in or in operation.
- ❖ The supply cord can not be replaced, if the cord is damaged, the appliance has to be scrapped.
- ❖ Do not lift the pump by the power cord
- ❖ Please make sure the pump working in clean water.

Do not pump heated liquids with a temperature higher than 35°C.

## Maintenance:

If the pump will be not used for long-term, please take the pump out of the water, and let the pump work in the clean water for a while, and then clean the parts of pump and wipe clean.

If the temperature is below 0°C, please take the water pump from the water immediately and discharge accumulation of water in the pump, in case pump is broken because of freezing.



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### Simple troubleshooting method:

Status	Reason	Solution
Water pump is not working	Power is not turned on	Turn on the power
	The plug is not interpose firmly	Plug firmly
	The motor out off the power supply automaticly because of improper use	Use in the normal condisions
Moises appear	Something in the pump	disassemble the pump and clean
Pump is working but effluent is insufficient	Impeler damage	change the impeler
	connecting tube blocking, Filter cover blocking	remove obstruction
	The depth of the wwter is insufficient	Put the pump under 15cm of the water level
	Power supply voltage is low	Adjust the appropriate voltage



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### Model & Specification of Products:

MODEL	POWER	H-MAX	Q-MAX (L/H)
200	2W	40cm	180
228	3W	50cm	200
238	4W	65cm	300
336	7W	90cm	500
338	8W	1.2m	600
386	15W	1.6m	800
500	18W	1.8m	1000
333	18W	1.8m	1000
510	20W	2m	1100
630	35W	2.2m	2000
650	45W	2.5m	2500
680	70W	3m	3000
<b>680B</b>	<b>75W</b>	<b>3.2m</b>	<b>3200</b>
700	95W	4m	4000
690	75W	3m	3000
750	100W	4.5m	4500
800	150W	5m	5000
3000	60W	2.8m	2800



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