

# Jecod®

## DC Pump OWNER'S MANUAL

DCT-4000, DCT-6000, DCT-8000, DCT-12000, DCT-15000

### Introduction

The DC pumps are carefully inspected and tested to ensure both safety and operating performance. However, failure to follow the instructions and warnings in this manual may result in pump's damage and/or serious injury. Be sure to read and save this manual for future reference.

### Pump Features

- High performance with innovational motor, and energy saving up to 50%, super quiet.
- Suitable for both marine and fresh water, Rust free
- With anti-resistant ceramic shaft, last longer

### Controller Features

- With 10 mode, adjustable the flow rate and head max.
- "Feed" Model, pause, timing, delay, restart function
- Memory function, ensure that the pump rework upon keeping the same parameter

### Operating instructions

1. The pump must be connected with the controller and the 24V adaptor correctly before work
3. Turn on the power, press "-" and "+" button, to adjust the pump flow rate and Head Max. and the LED instruction light will be on the relative mode.
4. **Lock / unlock function:** press the "+" or "-" button for three seconds until the LED light flash for two times, the controller locked; Similarly, press the "+" or "-" button for three seconds again, LED indicator light flashes for two times, the controller unlocked
5. "FEED" function: when the pump is working, press "FEED" button, pump stops working, the "10min" indicator lights up, the pump reworks automatically at previous level after 10 minutes. Or you can press the "FEED" button to make the pump rework.

### The LED flashing status instruction

No.	The controller working status	LED flashing status	Elimination of abnormal phenomena
1	Over voltage or under voltage	■ ■ ■ ■ □ □ ■ ■	Check the input supplying voltage
2	Controller overheating	■ □ □ □ □ □ ■	Check whether the controller exposed to the sunshine or in high temperature environment
3	The impeller stops running	■ ■ ■ □ □ □ □ ■	Check whether something in the pump or the parts are wrongly connected
4	Pump idling	■ □ □ □ □ ■ ■ ■	Check the pump work dry
5	Abnormal current of the controller	□ □ □ ■ ■ □ □ □	Check if the pump short of voltage or the controller broken
6	Lock or unlock	Press the "+" or "-" button for three seconds until LED indicator flashing for two times, then the controller will turn to be locked or unlocked	The key may be broken if the light don't flash

●the pump maximum diving depth is 1.5 meters.

●Note: for indoor use, the power socket must be installed with the leakage current protecting device, and the leakage current shall not exceed 30mA (please the consumer to install the leaking current protection device by themselves).

### Performance Parameters Table

No.	Model No.	Voltage	Control box (W)	Consumption (W)	Flow rate (L/H)	Head Max
1	DCT-4000	DC 24V	50	30	4000	3.0
2	DCT-6000	DC 24V	50	42	6000	3.8
3	DCT-8000	DC 24V	100	68	8000	4.5
4	DCT-12000	DC 24V	100	85	12000	5
5	DCT-15000	DC 24V	150	100	15000	5



## WARNING

- Do not connect to any other power supply over the rated voltage
- Do not put the pump in the flammable liquid.
- Do not use the pump in the water temperature above 35°C.
- Maximum water depth 1.5M
- Maximum head Max please see the parameter table.
- Do not immerse the plug into water or other liquid.
- This appliance is not allowed to use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

## CAUTION

Always disconnect the pump from the power supply before cleaning, maintenance and handling.

Do not let the pump work dry.

Do not lift the pump by holding the power cord only

Do not use the pump in the heating liquid.

The pump fits for fresh water and sea water only

Please use the pump only when it is completely submerged in water.

The pump can not run in the swimming pool.

Automatic shut off if no water for 2 minutes.

Pull the plug out, and re-insert for resuming work

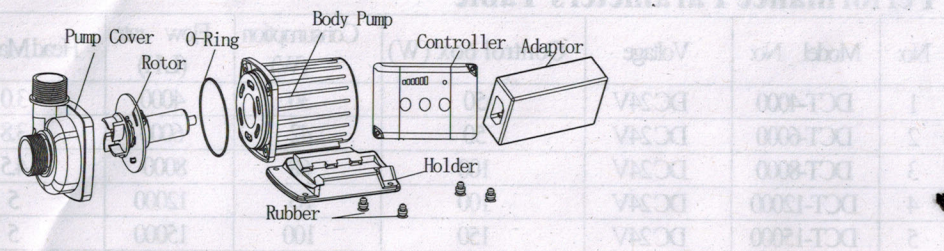
## Operation

Clogged or dirty intake screen will reduce the performance.

When the pump is used on a dirty surface, raise it slightly to reduce the amount of debris contacting the intake. If the flow is low, please adjust the regulator on the sealing cover.

Do not let the pump run in dry. The pump will be broken easily. Normally, put the pump into water, plug on. At the beginning, it probably can't pump water, because there is air in the pump and the connector fitting. Don't worry. Please plug on and off for several times. it will work normally.

## Installation diagram:



## MAINTENANCE

To clean the pump, remove the back cover, sealing cover and the impeller. Use a small brush or stream of water to remove any debris.

Note: the pump shaft can not be removed.

If the pump not work, check as following:

- Check the circuit. Please try to plug on another power socket, to ensure the pump switched on with power. Note, please do not plug on before operation.
- Check the pump outlet and tube, if blocked by dirty. Algae may block them, up it can clean the algae using the pond water with a garden hose.
- Check the inlet to ensure not clogged by debris.
- Remove the pump inlet to access the impeller. Turn around the rotor to check if broken or jammed.
- Monthly maintenance will prolong your pump's life..Clean the rotor, remove the dirt. etc

NOTE: Ensure the electrical cord loops below the power socket like a "Drip Loop". It will prevent the water from running around the cable into the power socket



## DISPOSAL:

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.

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