JAD®

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Instruction Book of POND PUMP

Please read this instruction manual carefully before use, and keep it properly for future reference.

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Introduction:

Dear User:

Thank you for purchasing JAD TJB series ECO pumps. To assure that this product can be safely and correctly used and exert its optimal performance, and to prevent failure and accident, please read this instruction book carefully before use, and obey the instru-ction manual and safety instruction strictly. And keep it properly for future consultation.

Attention:

1. Make sure the electricity voltage/frequency is the same as the one required on the label.
2. Please do not replace the adaptor by any other adaptor which is not belongs to this product. any replacement must be done by professional.
3. The drip loop is needed as a part of the cord below the level of the receptacle or the connector if an extension cord is used. It is used to prevent water traveling along the cord and coming in contact with the receptacle.
4. For safe, the electricity leakage protection switch must be installed when used the device, and there must be a earthing device to the power socket. This residual working current should not exceed 30Ma. Please check the electricity leakage protection switch regularly to make sure that the device works reliable.
5. Working long time without water inside the pump is strictly prohibited.
6. The pump may not be working under the water contained solid particles or strips, otherwise, it will accelerate the mechanical wear and tear, and its service life is influenced.

7. The device must not be used to pump any flammable liquids or water of which the temperature is higher than 35 ℃.（As picture 1）

picture 1

picture 2

8. When moved or cleaned the product, make sure the power is off and the device is not running.
9. When the hands are wet（As picture 2）, it's not allowed to pull out the cable plug. Don't pull the cable.
10. When the device is out of order or any leakage of electricity, the power supply must be cut off at once and use it until all are fixed.
11. The electric cable or any relevant electrical problems must be required or replaced by professional.
12. The power cable of the pump is un-replaceable. If any damage, the pump can not be used, and it must be scraped. If there is any damage at the controller's cable, it must be replaced by professional.
13. Must be installed at the area that children can not reach. Supervise children and make sure they will not take playing the product.
14. The appliance is not intended for 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.

Features:

- with high efficient and eco energy saving, big water flow and high lift.
- External controller with key operation and digital display, convenient for operation and maintenance.
- Flow rate adjustable for different needs.
- 6 pole 3 phase motor drive with big starting torque, Steady and quiet performance.
- Single chip microcomputer control, with multiple protection function.
- Permanent magnet brushless motor drives, adaptive directional variable frequency drive control, high efficiency and long life.
- Good quality ceramic shaft and shaft sleeve with high rub resistance
- fully epoxy sealed motor for water proof, safe and reliable.
- Industrial plastic casing. Nice looking and elegant appearance

Use scope:

Suitable for pumping water for garden ponds, aquaculture, restaurants and so on. The pump can work for a long time without stop under water.

Technical data:

Technical data please see nameplate.

Remark:

Model with suffix	Adaptor	Controller
without suffix	No	
D		
L		
S		

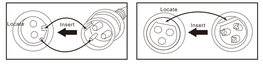
- The models without suffix are not equipped with adaptor(the pump run on high voltage),waterproof controller is equipped for indoor and outdoor use.
- The models with "D" suffix are equipped with AC24V adaptor and waterproof controller for indoor and outdoor use.
- The models with "L" suffix are equipped with AC12V adaptor and waterproof controller for indoor and outdoor use.
- The models with "S" suffix are equipped with DC24V adaptor and waterproof controller for indoor use only.

Cautions:

1、Please read this instruction book carefully before use. And use this device according to the instruction.

2、To besure that there is no abnormalities, please check the product appearance before use.

3、Please connect cable between the pump and controller, and then connect the cable between the contoller and the adaptor (note that different model has different connector).Make sure that the pins are align the holes.



4、For submersible use, please mount the filter casing at the water inlet first, mount the pump in water or the pool's wall, and then connect the water pipe to the water outlet. Mare sure that the controller and adaptor should be mounted away from water.

5、When installed in dry, please do not mount the filter casing, connect the water pipe to the inlet first, make sure that the pump is install in land securely and all the connection must be not water leakage. Pour water to fill the pump body before start.

6、Please check if the device is correctly installed before connect to the power supply. When connected the power at the first time, it's supposed to spend 30 minutes to check if the water pump is running steady, normal and without any abnormal, or leakage.

7、There is "power supply key ⏻","increase key ⏶","decrease key ⏷" on the controller. Press the "power supply key ⏻" to start or turn off the pump, press "increase key ⏶" or "decrease key ⏷" to add or reduce the power of the pump from 0-100%.

8、There is a filter casing. Please clean the filter regularly if there are too many dirties attached.

9、Please take the pump out of the water when it is not in use anymore. Un-connect the power ,wipe it up and keep it in cool and dry place for future use.

Maintenance:

1、If the pump is not working after connected, please check if the plug is loose, or if it is properly connected to the powersupply, or the cable is damaged.

2、In case less water flow or water pressure, please check if the filter casing or the pipe is blocked.

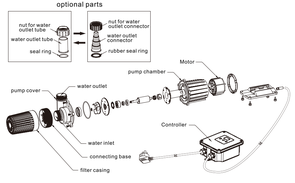
3、When installed in dry, please pour water to fill the pump body before start.

4、The water pump can be restarted once all the faults are solved and observe the running in 30 minutes.

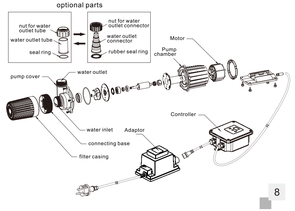
5、When some ones are in the water, please don't use the device and make sure the power is off.

6、The electric cable or any relevant electrical problems must be required or replaced by professional. The power cable of the pump is unreplaceable. If any damage, the pump can not be used, and it must be scraped. If there is any damage at the controller's cable, it must be replaced by professional.

TJB-12000



TJB-12000D
TJB-12000L



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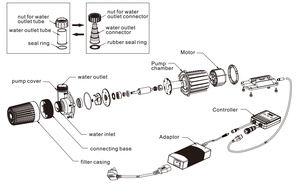
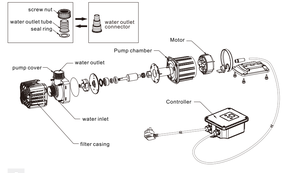
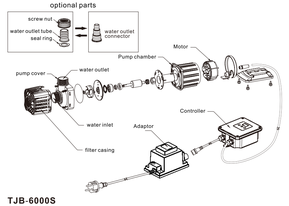
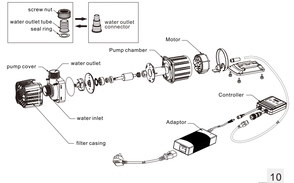


TJB-6000



TJB-6000D
TJB-6000L



TJB-6000S