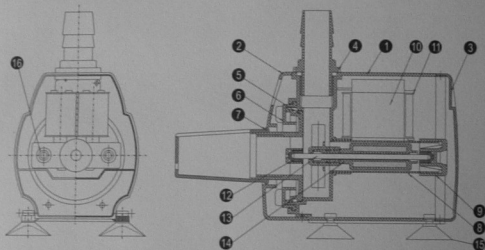


# HAILEA® 海利 高扬程多功能水陆两用潜水泵

## ■ 前言

我们非常地感谢您选购海利集团生产的高扬程多功能水陆两用潜水泵。本产品采用稀土钕铁硼磁转子,具备理想磁感应强度,扬程高、流量大;为了使您一开始就能享用本潜水泵优越的功能也为了安全,请在使用前详细阅读本说明书并妥善保存以备日后参考之用。

## ■ 产品各部分名称



- ① 主体 ② 前盖 ③ 后盖 ④ 出水接头 ⑤ 水腔盖 ⑥ 水腔盖卡 ⑦ 过滤罩  
⑧ 转子套筒 ⑨ 转子后座 ⑩ 铁心 ⑪ 线架 ⑫ 轴座 ⑬ 芯轴 ⑭ 转子  
⑮ 吸盘 ⑯ 连通管

- ① Main housing ② Front cover ③ Back cover ④ Water outlet adapter  
⑤ Water chamber cover ⑥ Water chamber cover clip ⑦ Filter cover  
⑧ Rotor case ⑨ Back rotor base ⑩ Core ⑪ Bobbin ⑫ Shaft base ⑬ Shaft  
⑭ Rotor ⑮ Sucker ⑯ Connection tube

### ■ PREFACE

Thanks a lot for purchasing a HAILEA series high jet inside/outside water double use multifunctional immersible pump. The pump adopts rare earth NdFeB magnet rotor, perfect magnet induction, high jet & large flow. It stands out for its versatile range of application. It is applied for water draining, oxygen supplying, wave-making, filtration, fountain and so on. For optimum performance and safety, please read these operating instructions completely before operating this product.

### ■ FEATURES

1. Super quality ABS plastic case, which is anti-corrosive and anti-strike;
2. Adopts high quality resin to seal the winding and no electricity leakage;
3. Double water-cooled structure for rapid heat dissipation;
4. Precise high aluminum ceramic shaft , for fresh and sea water double use;
5. Double use for under or above water;
6. It is applied for water draining, oxygen producing, wave making, filtration, fountain;
7. Adopts strong sucker to fix pump intensively, which is never chapped.

### ■ FUNCTIONS

1. It is used for supplying and draining sea water or acid-alkali liquid.
2. It is used for water circulating and draining for sea fish breeding pond.
3. It is used for wave-making for aquarium, garden watering, water supplying and circulating for rockery, fountain landscape, water cleaning and draining for underground pond.

### ■ MOUNTING INSTRUCTIONS

If the HX-6830/6840/6850 series high jet inside/outside water multi-functional immersible pump is used in water, place the pump with a filter cover and a water outlet adapter in desired place, position suckers on pump and attach to aquarium or other place before connecting power source. Do not put the plug with the pump into water together. If the plug is dropped in water, power should be turned off so as to avoid electric shock. If pump is used outside water, mount it

# HAILEA®

HIGH JET FRESH / SEA WATER DOUBLE  
USE MULTIFUNCTIONAL IMMERSIBLE PUMP

with a water intake, outlet adapter & pipe on a flat base. Remove supply cord from socket before doing any maintenance such as cleaning work. The pump is suitable to be used indoor. The supply cord can't be changed or replaced, so please don't bend it or lift the pump with it. If the supply cord is found to be damaged, the pump can't be used.

## ■ USAGE CAUTION

### (1). BEFORE OPERATION

1. Check the power voltage and frequency if they are conformed with those on the nameplate.
2. Don't lift or lower the pump with the cable.
3. Always switch off before doing any maintenance or placing your hands into the water to which this pump is connected.
4. To reduce risk of electric shock, connected only to a circuit protected by a proper ground fault circuit interrupter.
5. Do not add any lubricant for the appliance, do not operate the pump without water. It will damage the pump.
6. In case that the pump is used in the pond or river, mount it on a flat base with clear water or it will suck up sand and silt.
7. It is prohibited to apply for water which temperature is higher than 40°C degree in centigrade as it remarkably shortens the life of the pump.
8. It should be unplugged before examination.

### (2). THE SUBMERSIBLE PUMP SHOULD NOT BE USED IF

1. The supply cord cannot be replaced. If the cord is damaged, the appliance should be scrapped.
2. The current of voltage or frequency doesn't conform to those shown on pump nameplate.
3. The pump with a wet plug or wet receptacle.
4. Water output of pump is reduced.
5. Any part of the pump is damaged.
6. Anything abnormal occurs.

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HIGH JET FRESH / SEA WATER DOUBLE  
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## (3). DURING OPERATION

1. If the pump is clogged by foreign matters, it will make the unit heat up. Power supply must be turned off at once to protect the motor. The pump can go on working after the foreign matters are cleaned out.
2. Please consult with your local dealers or our branch office in which you purchased it if you do not find out the cause of the trouble. Unauthorized person is prohibited to disassemble or assemble as it may result in the inferior of capacity and motor damage.

## (4). AFTER OPERATION

1. If the freezing temperature is predicted, lift up the pump from water and restore it after drying out the impeller chamber completely.
2. If the pump is in the water for a long period of time without operation, floating matters may accumulate inside the pump. Please make it run in the clean water for a while and remove floating matters from the pump. Restore it after drying.

## ■ MAINTENANCE

The motor unit is hermetically sealed by super quality resin & so that it does not require any other care. The impeller assembly is stalled behind an easy-open cover to allow occasional check for grime & dirt. The impeller chamber has an effective self-cleaning feature, but regular maintenance will lengthen the life of the impeller & the motor unit. Clip the two cover sides, draw the front cover from the pump. Gently grasp the impeller cover by counterclockwise. Please note that soap or detergents are not recommended for pump maintenance because they are bad for fishes' health.

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## ■ A GUIDE TO SIMPLE PROBLEMS SOLVING

Before calling service personnel, please check the following chart for a possible cause to the trouble you are experiencing

SYMPTOM	CAUSE	COUNTERMEASURE
The pump doesn't run	Power is not turned on	Turn on the power
	Plugged in insufficiently	Be sure the power cord is plugged in sufficiently
The motor repeats on and off immediately without running. The motor suddenly stops and doesn't start again.	Impeller binding	Remove foreign matters from impeller
	Apply to wrong voltage	Apply to correct voltage
	The water intake or outlet pipe is clogged with foreign matters	Clean up inside
The pump runs with reduced or no performance	Apply to wrong frequency	Apply to correct frequency
	Impeller worn out	Replace it with a new one
	Water level goes down and the pump is exposed on the water source	Put the pump into water
The pump runs normally at the beginning but the water flows sluggishly or there is no water	Hose is too long or clogged with foreign matters	Shorten the hose or clean out the foreign matters
	There is air in the impeller chamber	In order to get rid of the air, put the pump into the water. Turn the switch to "ON" then "OFF" intermittently twice or 3 times

## 制造商: 广东海利集团有限公司

ISO14001:2004 环境管理体系认证 广东省高新技术企业  
总机: 0768-888 8888 销售热线: 0768-888 5829 传真: 0768-888 3813  
www.hailea.com E-mail: jungd@pub.chaozhou.gd.cn

工厂: 广东省饶平县新力路新力工业园  
FACTORY ADDRESS: SHU INDUSTRIAL AREA, SHU ROAD, RAOPIING COUNTY, GUANGDONG PROVINCE, 515703, CHINA

北京 BEIJING	电话 TEL: 010-63343993	传真 FAX: 010-63342022
上海 SHANGHAI	电话 TEL: 021-63581166	传真 FAX: 021-63581177
广州 GUANGZHOU	电话 TEL: 020-81518626	传真 FAX: 020-81518681
深圳 SHENZHEN	电话 TEL: 0755-25147689	传真 FAX: 0755-82270103
香港 HONGKONG	电话 TEL: 852-24935286	传真 FAX: 852-24902700
福建 FUJIAN	电话 TEL: 0595-22501338	传真 FAX: 0595-22502338
汕头 SHANTOU	电话 TEL: 0754-8870888	传真 FAX: 0754-8730888
潮州 CHAOZHOU	电话 TEL: 0768-2386299	传真 FAX: 0768-2386299