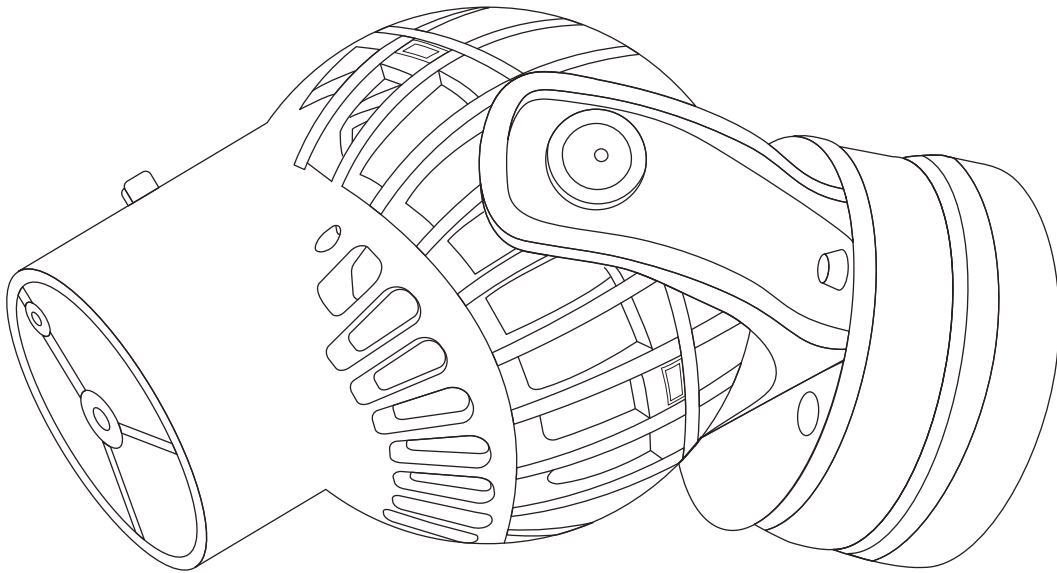




HG017 User Manual

hygger circulation and wave pump



Please provide your amazon order id (amazon invoice)
and shipping address by E-mail: Mago@hygger-online.com,
if you have any problems.Thanks.



WARNINGS:

1. To ensure performance, do not let the pump run dry.
2. Be careful when assemble the magnet base. Move the magnet base parallelly to the outside wall of fish tank to prevent it from breaking.
3. Do not immerse the plug into water or other liquid.
4. Do not allow children or inexperienced people to operate or play the product alone without safety supervision.

1. Introduction

The wave-making pump can make the water flow in the tank form large current and large circulation. It is beneficial to the stabilization of water quality, the increase of dissolved oxygen in water and the growth of fish.

Product Features:

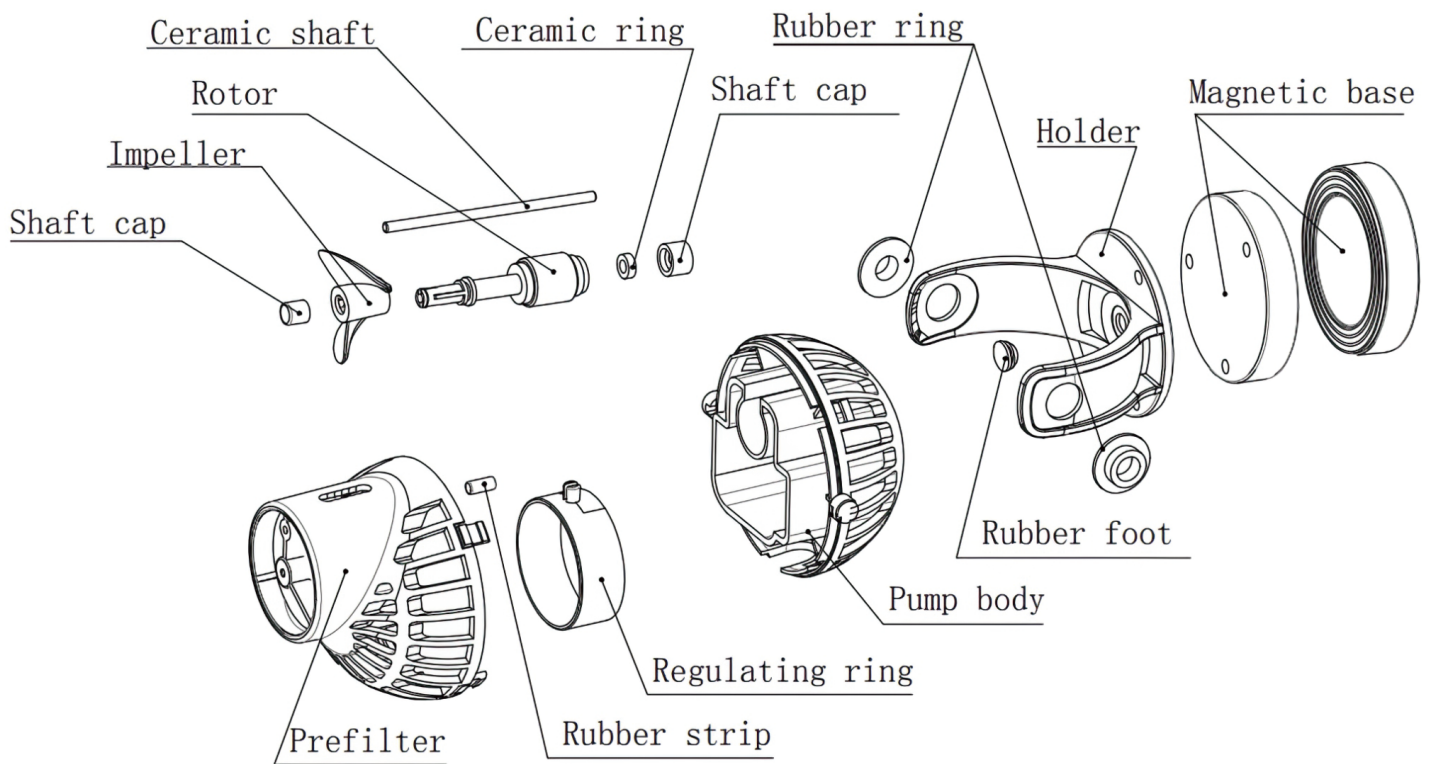
- Adjustable flow direction to different angles according to the needs.
- Adjustable flow rate according to the needs.
- High performance motor, low noise.
- Unique anti-reversal design.
- Wear-resistant ceramic shaft, suitable for fresh and salt water.
- Feeder function :The wave maker with switch can turn off when you feed the fish.

2. Product Specification:

Model	HG017-3000	HG017-5000	HG017-9000
Power (W)	4W	6W	12W
Volt/Freq	US standard:AC 110-120V/60Hz EU/UK standard: AC 220-240V/50Hz		
Flow rate (GPH)	792GPH (3000L)	1320GPH (5000L)	2378GPH (9000L)
Recommend tank size	3-15Gal (11~56L)	16-105Gal (60L~397L)	42-190Gal (159L~720L)
Recommend glass thickness	≤0.315" (8MM)	≤0.39"(10MM)	≤0.47"(15MM)

3. Installation Instructions

Installation Diagram:



1. Installation:

Remove the rear magnet base from the bottom of the pump.

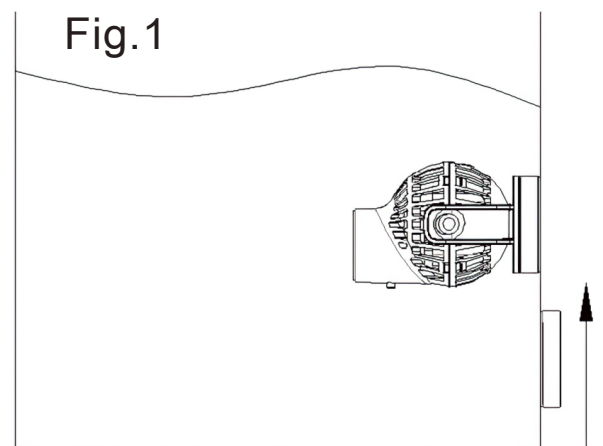
Place the pump at the center of the inner tank wall and hold it with one hand.

Shift the rear magnet base along the outside wall to the same position with the other hand to fix the pump.

(Fig. 1)

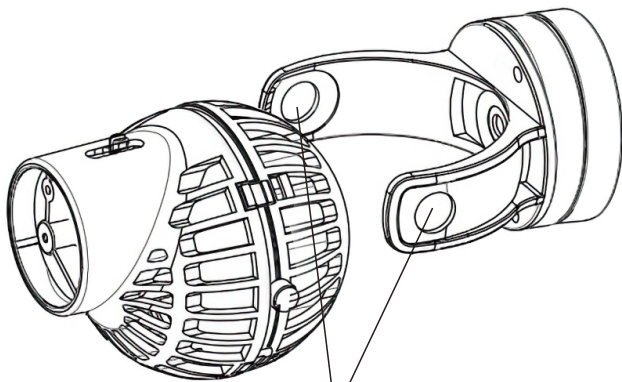
Caution: Be careful of fingers being clamped due to strong magnetism.

2. Plug in the power supply. The pump can start working.

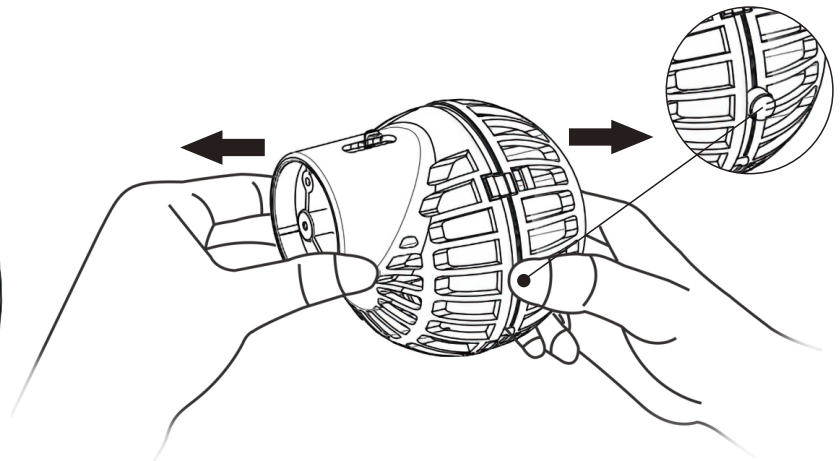


4. Maintenance:

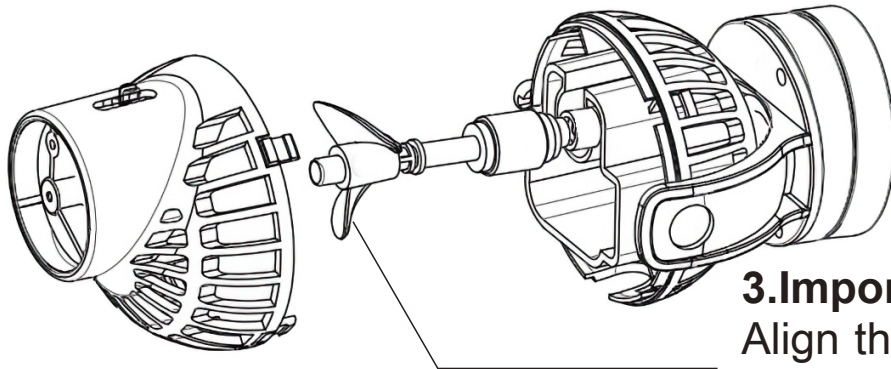
1. Clean the pump regularly to ensure performance.



1. Take off pump base



2. Hold the plastic nail with your right hand and pull it to the right, hold the front cover with your left hand and pull it to the left.

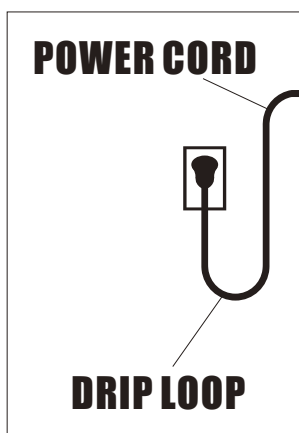


3. Important reminder:

Align the ceramic port, then insert it into the plastic cover.

2. Use soft cloth to clean the impeller and clean the pump with clear water.

3. The power cord of the pump must be below the power socket to form a drip loop to prevent water from flowing into the power socket along the power cord.



4. Disposal:

Please don't dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. Not put it together with the domestic waste which should be solved as an authorized place for recycling of electrical and electronic appliances for collecting and recycling waste. Please consult with your local seller to make sure the product is disposed in an environmental friendly way.

5. Package Included:

- 1 × Wave pump
- 1 × User manual

6. One Year Limited Warranty:

This product **MUST** be purchased from an authorized hygger reseller. Visit our website for a list of unauthorized resellers. Hygger warrants this product against defects in materials and workmanship for ONE(1) YEAR from the date of original retail purchase and is none transferable.

Warranty on all products, including aquariums. But it is limited to the replacement of the products and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage arising from the use of this product.

Note: hygger One-year limited warranty does not cover damage caused by the followings: improper installation saltwater corrosion, electrical surges or modifications.

If you discover a defect, please contact hygger, who will, at it's option, repair or replace the product at no charge to you, provided that you return it during the warranty period. A copy of the bill of sale is required as a proof of original purchase date in the event of the product needing repairs within the warranty period. Hygger does not warrant any products that are not belong to hygger.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication or if the product has been modified without the written permission of hygger.

7.Contact Information:

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