



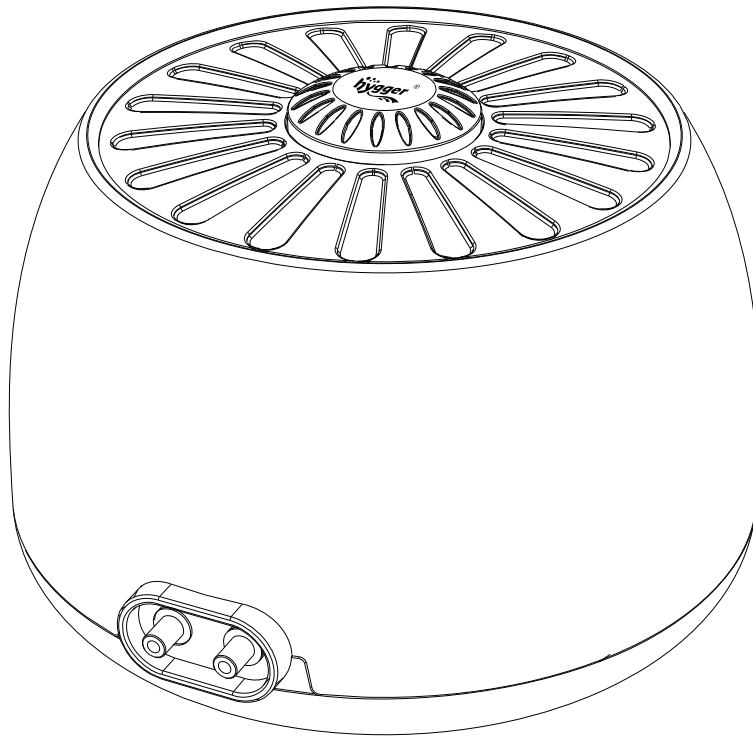
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HG235 USER MANUAL

hygger Adjustable Aquarium Air Pump



hygger Adjustable Aquarium Air Pump is amazing for aquariums. Please read this manual carefully before use and follow strictly in accordance with the manual.

1. PRODUCT FEATURES

Energy-saving: The air pump adopts the latest technology, featuring high efficiency, economical design, and greater energy conservation.

Ultra-quiet: We use a bearing-free motor in the air pump, which works through magnetic bearings to minimize vibration and noise. We also used additional shock absorption and noise reduction systems to reduce the noise. It's perfect for a bedroom aquarium!

Adjustable Air Pump: You can adjust the air output of the pump as required.

Ultra-powerful: The pump is equipped with 2 air outlets for high power output.

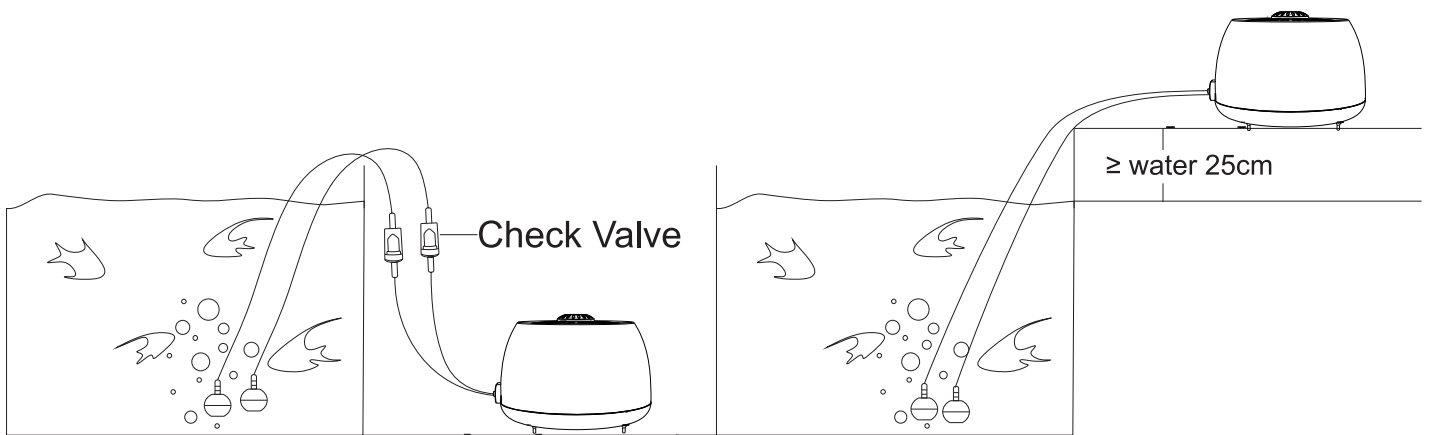
More Durable: Made of durable material and precise design for a long service life!

2. METHODS OF APPLICATION

A. There are two ways to install the air pump as following:

Picture 1: If you place the air pump below the surface of the water in the tank, you must install the air pump with check valves.

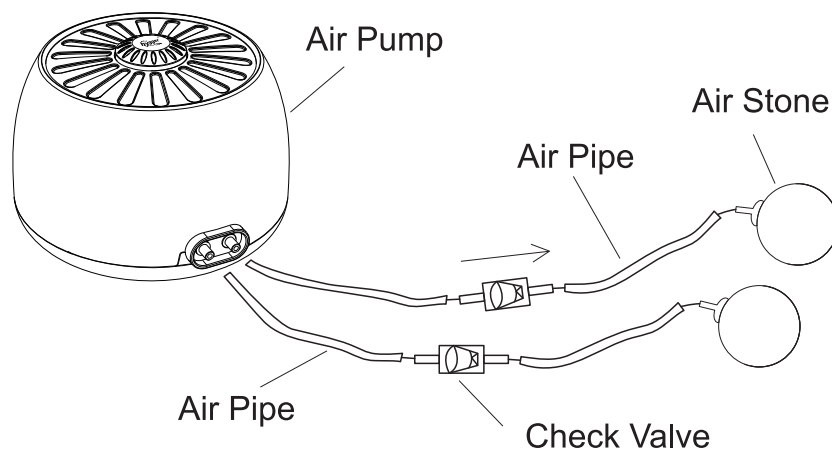
Picture 2: Place the air pump 25cm higher than the surface of water in tank in order to avoid water backflow.



Picture 1

Picture 2

B. Installing the air pump with check valves as following:



3. PRODUCT PARAMETERS

Model	HG235-5W	HG235-8W
Volt./Freq	US Standard:AC110-120V/60 Hz EU/UK /AU Standard:AC220-240V/50Hz	
Power	5W	8W
Air flow	143GPH(540LPH)	190GPH(720LPH)
Sound	≤35dB	≤35dB
Pressure	0.024Mpa	0.028Mpa
Depth	5FT/1.5M	5.9FT/1.8M
Cord length	5.9FT/1.8M	5.9FT/1.8M
Applicable tank size	≤150GAL (567L)	≤200GAL(757L)
Dimension	φ6.1*3.85inch/φ15.5*9.8CM	φ6.1*3.85inch/φ15.5*9.8CM

4. PACKING LIST

1x Air pump
 2x Air stone
 2x Check valve
 2x Air tube
 1x User manual
 2x Suction cup

5. TROUBLESHOOTING

Faults	Explanations	Solutions
Noise	There is no connection of air tube or air stone	Please connect the pump to the air stone by air tube or place it flat
The pump is on duty, but no air or air flow diminished	Air filter cotton will accumulate a lot of dust after a period of use	Please clean the filter cotton
	The air stone is placed deeply	Please place the air stone shallowly
	The air stone never soaked in water	Please soak the air stone in water for half hour
The pump is out-of-work	Failed to connect the power supply	Plug to cord into an outlet
	Lack of voltage	Check the wire and voltage

6. ATTENTIONS

- √ Please read this manual carefully before using and follow strictly in accordance with the manual.
- √ Please install the air pump with check valves or place the air pump 25cm higher than the surface of water in the tank, in order to avoid the water backflow.
- √ Please place the air pump level on a flat surface and put a towel under the pump can reduce the sound even more.
- √ Please keep the air pump away from water, because the air pump is not waterproof .
- √ Please keep the air pump away from flammable items, in order to avoid accidents.
- √ Please unplug the power and contact the seller when the air pump is abnormal sound, overheating or no air output. ****OPENING WILL VOID WARRANTY***
- √ Please soak the air stones for 1-2 hours before use to get perfect bubbles with this pump.
- √ Please clean the filter cotton monthly, because air filter cotton will accumulate a lot of dust after a period of use.
- √ Please note that airflow loss is usually caused by clogged air-stone, which over time become blocked as algae, floating debris, and mineral deposits accumulate in the pores. If you notice diminished air flow, try blowing through the air-stone yourself, if it is difficult, replace the air-stone.
- √ Please unplug the power before maintenance.
- √ Please mind that the temperature range for the air pump is 33.8°F~95°F(1°C~35°C)
- √ Please mind that the limit depth of water for the attached air stone is 6 feet (1.8m).

7. WARNING

To avoid possible electric shock, do not immerse the pump in the water. If the pump falls into the water or becomes wet, do not touch it until you have unplugged it. Basic safety precautions that should be observed are as follows:

CAUTION: To prevent possible electrical shock resulting from water back-siphoning, the pump should be used with a check-valve or positioned higher than the tank's water level.

1. Read and follow this user manual strictly.

2. **DANGER-** To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the followings situations, do not attempt to repair yourself, Instead, return the pump to an authorized service facility for maintenance or discard it.

A. If the pump falls into the water, do not touch it. First unplug it, then retrieve it. If electrical components of the pump get wet, unplug the pump immediately.

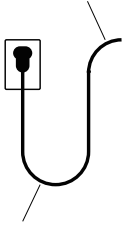
B. Carefully examine the pump after installation. it should not be plugged in if there is water on parts that are not intended to be wet.

C. Do not operate the pump if it has a damaged cord or plug, is malfunctioning, dropped or damaged in any manner. The power cord of this pump cannot be replaced. If the cord is damaged, the pump should be discarded.

D. To avoid the possibility of the pump plug getting wet, position the aquarium and its stand to one side of a wall mounted outlet to prevent water from dripping onto the outlet or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord, which connects the pump to the outlet. If an extension cord is used, the “drip loop” is the part of the cord below

the level of the outlet or the connector that prevents water from traveling along the cord and coming in contact with the outlet. If the plug or outlet does get wet, DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the pump. Then unplug and examine for the presence of water in the outlet. If you are not sure, consult a certified electrician.

POWER CORD



DRIP LOOP

3. Close supervision is necessary when the pump is used near children.
4. To avoid injury, do not contact moving or hot parts.
5. Always unplug the pump from the outlet when not in use, before putting on or taking off parts, maintenance or placing hands in the water. Never yank the cord to pull the plug from the outlet. Grasp the plug and pull to disconnect.
6. Do not use the pump for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition and will void the warranty.
7. Do not install or store the pump where it will be exposed to extreme weather or temperatures below freezing. This pump is suitable for use in water temperatures between 40°F~95°F (4°C ~35°C).
8. Make sure the pump is securely installed before operating it.
9. Read and observe all the important notices on the pump.
10. If an extension cord is necessary, a cord with a proper rating should be used, such as rated amperes or watts. A cord rated for fewer amperes or watts than the pump rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
11. The pump is intended FOR HOUSEHOLD USE ONLY.
12. SAVE THIS USER MANUAL.

8. HYGGER LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 3 (2) years from the date of sale if this product was purchased from a hygger®-authorised specialist dealer.

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by hygger® Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 3 (2) years from the date of the original purchase through an Authorized Dealer. Refer to the User Manual included with your product for specific warranty details.

Products have no warranty if:

- 1.) The product has been serviced, modified or tampered with by anyone other than hygger® Aquatic Supplies.
- 2.) The product has been abused or damaged (including broken or cracked bulbs), and/ or.
- 3.) The product has been transported without proper packaging.
- 4.) The product was purchased from an Unauthorized Reseller.

WARRANTY LIABILITY DISCLAIMER

In no event will hygger® be liable for any consequential or incidental damages, including but not limited to, lost aquatic life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any hygger® products.

1.0. Terms and Conditions of Warranty.

- 1.1. hygger® warrants to the purchaser, for 3 (2) years from date of original purchase through an Authorized hygger® Reseller, free to repair or replace parts where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
- 1.2. All claims for repair or replacement must be made at place of purchase.
- 1.3. Only the direct purchaser is entitled to warranty claims against us and these are not transferable without our consent.
- 1.4. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.5. Wear parts (e.g.: seals, suction devices, axes, pump wheels, light sources, pH electrodes, filter media, such as filter cartridges, as well as UVC burners), glass damage and the opening of the product, as well as structural changes or the use of non-hygger® original parts are excluded from the guarantee.
- 1.6. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection and hygger® must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, hygger® will request reimbursement of all reasonable costs incurred.
- 1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.
- 1.9. Our warranty obligation extends only to the delivery of newly manufactured products. Unless otherwise agreed, used products are sold as seen, excluding any warranty.

For more warranty information, please see the hygger website.

9. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.



10. CONTACT INFORMATION

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Have a question? We're here to help:

Mon-Fri: 9:00 am - 5:30 pm PST Sat-Sun: Closed



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