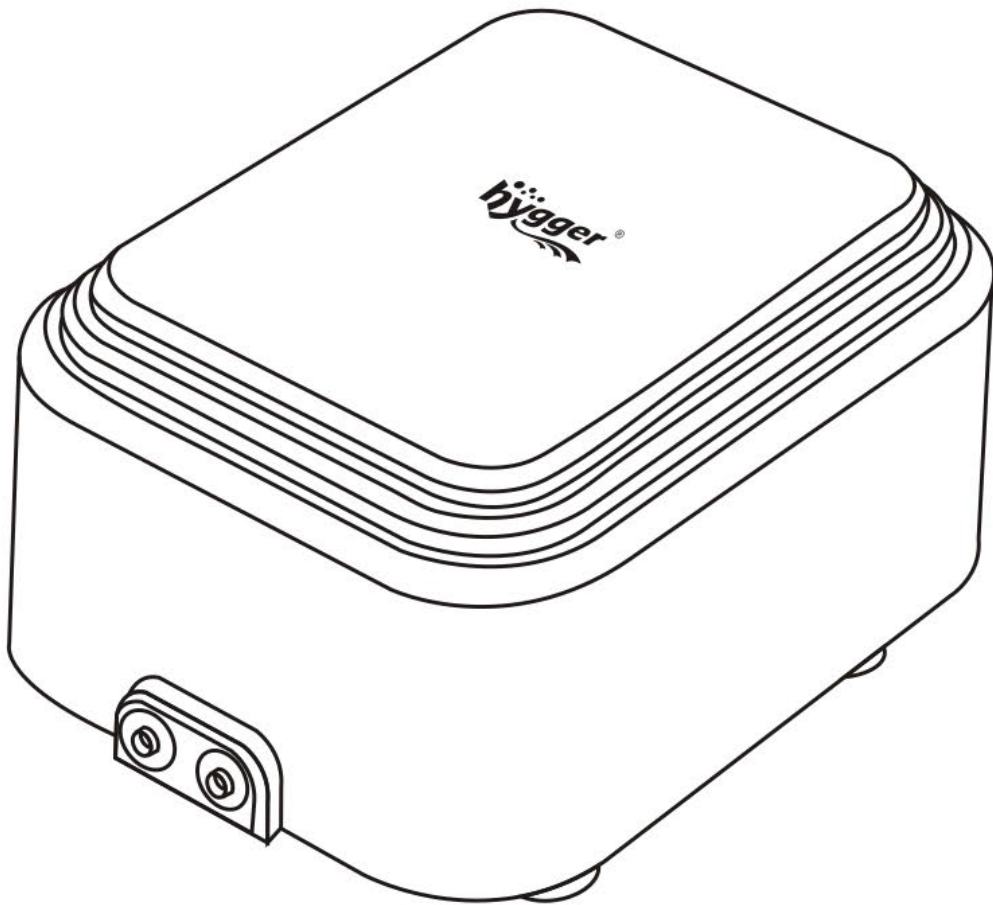




HG-958 USER MANUAL

Hygger Adjustable Eco Air Pump



The Hygger Adjustable Eco Air Pump is an amazing way to provide adjustable airflow to your aquariums!

****Please read this manual carefully before using and follow all instructions. ****

1. PRODUCT FEATURES

Energy-saving: Created with the latest technology, the air pump works more effectively, thus saving more energy with its economical design.

Ultra-quiet: Our air pumps use a bearing-less motor. It works using magnets, which means less vibration, resulting in lower noise than traditional bearing driven air pumps. Extra vibration and noise dampening systems on the pump further reduce the noise, making this ultra-quiet air pump perfect for bedroom aquariums!

Adjustable: The air pump outlet flow is fully adjustable, allowing you to set the air output you want.

Super-powerful: This pump is equipped with two outlet and is able to power two aquariums at once.

More durable: Made of durable material using precision design results in a long lasting pump!

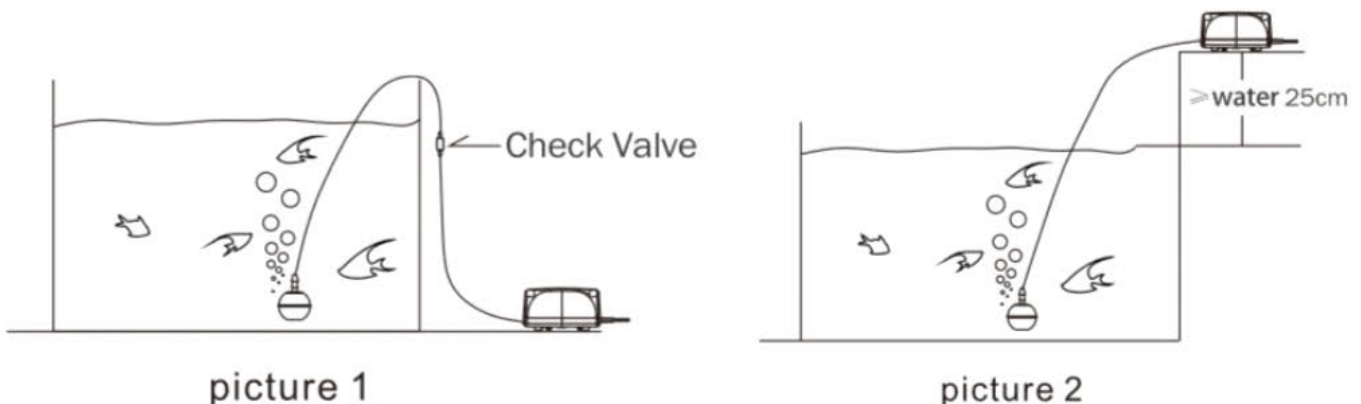
2. METHOD OF APPLICATION:

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

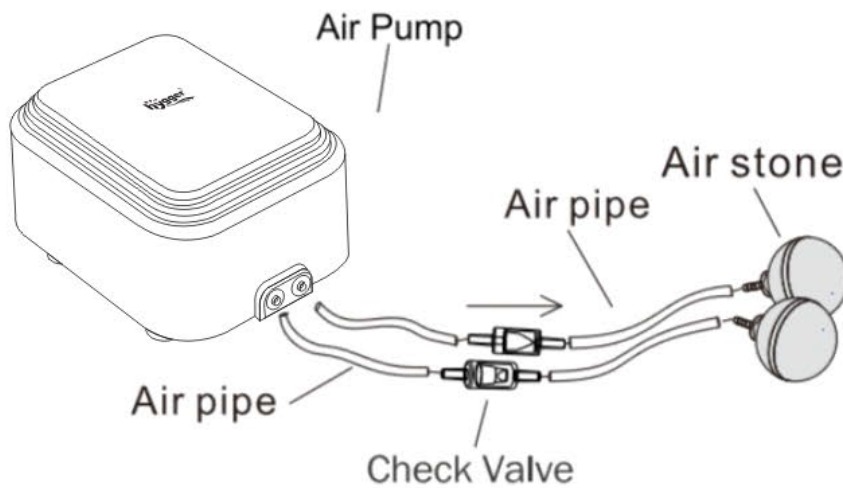
Picture 1: If the air pump is placed below the level of the water surface in the tank, you must install the air pump with check valves.

If you don't use a check valve this may result in water draining back to the pump damaging the pump.

Picture 2: Place the air pump 25cm (approximately 10 inches) higher than the surface of water in tank in order to avoid water backflow.

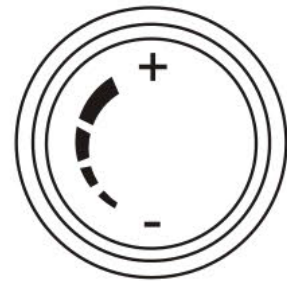


B. Installing the air pump with check valves:



C. Adjusting the air outlet flow:

To increase the amount of air, rotate the knob clockwise. Rotate the knob counterclockwise to reduce the amount of airflow.



3. TROUBLESHOOTING

Fault	Explanation	Solutions
Noise	Excess noise or vibration is usually caused by an unlevel surface or faulty connection.	Ensure the air pump is level and check all connections.
The pump is on, but no air or air flow is diminished.	Air filter cotton will accumulate dust after a period of use.	Clean the filter cotton.
	The air stone is placed too deep.	Move the air stone up in the tank.
	The air stone was not soaked in water before use.	Soak the air stone in water for half an hour before first use.
The pump is not turning on.	Not Connected to Power	Plug to cord into an outlet.
	Lack of Voltage	Please check the wire and voltage.

4.PRODUCT PARAMETERS

Locality	American	Europe/Britain
Voltage	AC 110-120/60 Hz	AC 230/50 Hz
Power	5W	5W
Air Flow	160GPH	160GPH
Sound	<30 dB	<30 dB
Pressure	0.02MPa	0.02MPa
Depth	4.5FT	4.5FT
Cord length	6FT	6FT
Application	Up to 300 Gal	Up to 300 Gal
Dimension	4.7"×3.9"×3.5"	4.7"×3.9"×3.5"

5.ATTENTION:

- ✓ Please read this manual carefully before using and follow strict 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 and potential damage to the pump.
 - ✓ Please place the air pump level on a flat surface. Putting a towel or rubber mat under the pump can reduce the sound even more.
 - ✓ Please keep the air pump away from water as the air pump is not waterproof.
 - ✓ Please keep the air pump away from open flame in order to avoid accidents.
 - ✓ Please unplug the power and contact the seller when the air pump is making abnormal sounds, is overheating or has no air output.
- **OPENING THE AIR PUMP WILL VOID THE 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. The air filter will accumulate a dust after a period of use. This is normal and to be expected with any air pump.

- ✓ Please note that airflow loss is usually caused by clogged air-stone. Clogged air stones can happen over time and is usually the result of algae, floating debris, and mineral deposits accumulating in the pores. If you notice a diminished air flow, try blowing through the air-stone yourself. If it is difficult, replace the air-stone.
- ✓ Please unplug the air pump from power before any maintenance.
- ✓ Please keep in mind that the temperature range for the air pump is 33.8~95°F.
- ✓ Please keep in mind that the maximum depth of water for the attached air stone is 4.5 feet.

6.PACKAGE INCLUDES:

- 1xAir pump
- 1xUser manual

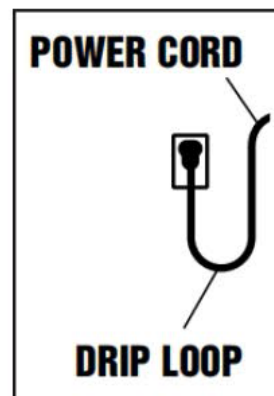


7.WARNING: To avoid possible electrical shock, do not immerse the pump in water. If the pump falls into the water, or otherwise becomes wet, do not touch it until you have unplugged it. Basic safety precautions should be observed including the following:

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

- 1.Read and follow this user manual strictly.
- 2.DANGER-To avoid possible electric shock, special care should be taken. For each of the following situations, do not attempt to repair yourself; return the pump to an authorized service facility for service or discard the pump.
 - 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 not intended to be wet.
 - C.Do not operate the pump if it has a damaged cord or plug, if it is malfunctioning, or if it is 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 aquarium stand and tank to one side of a wall mounted receptacle to prevent water from dripping onto the receptacle or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord connecting the pump to the outlet. The “drip loop” is the part of the cord below the level of the outlet, or the connector. If an extension cord is used, use a drip loop prevent water traveling along the cord and coming in contact with the outlet. If the plug or receptacle 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 unsure, consult a certified electrician.



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, and before maintenance or placing hands in the water. Never yank the cord to pull plug from outlet. Grasp the plug and pull gently to disconnect.
6. Do not use the pump for other than its intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
7. Do not install or store the pump where it will be exposed to weather or to temperatures below freezing. This pump is suitable for use in water temperatures less than 95°F.
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. A cord rated for less amperes or watts than the appliance 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.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 the recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources. Please, make sure the product is disposed in an environmental friendly and healthy way.



9.CONTACT INFORMATION

E-mail: service@hygger-online.com

Website: www.hygger-online.com

Thank you for choosing Hygger, “Making aquarium keeping easier. One product at a time.”

If you have any problems or suggestions for the Eco Air Pump, please contact us by email before leaving feedback or opening a case, as it will be the fastest way to solve your problem.

If you are satisfied with the Eco air pump, please leave positive feedback for our product, in order to let more customers enjoy it. Thanks again!