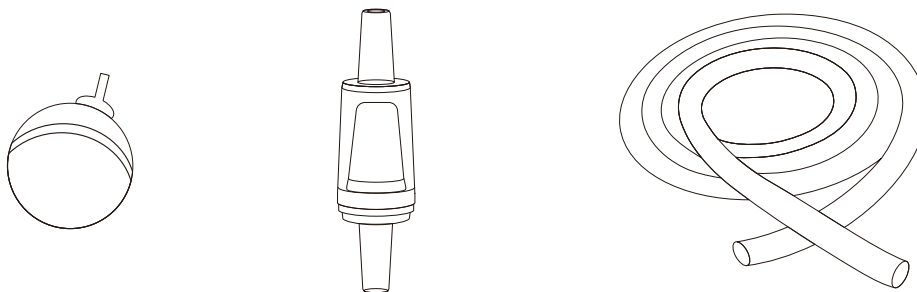
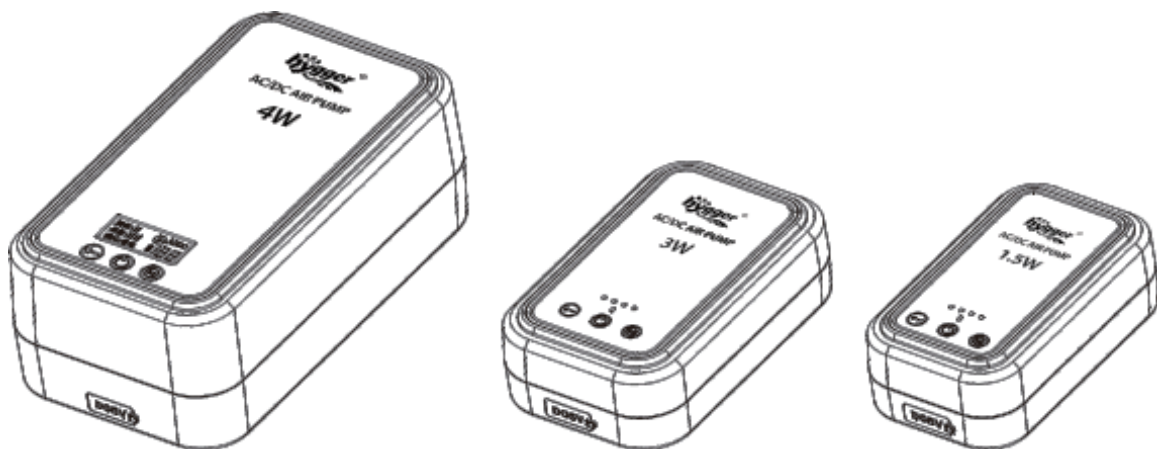




HG087 USER MANUAL

hygger rechargeable AC/DC aquarium air pump

hygger rechargeable AC/DC aquarium air pump provides constant aeration for the aquarium during power outages or when you are out fishing to keep your bait alive.



Important Reminder: To maintain optimal performance of the battery air pump, it is recommended to use it for at least 8-10 hours every month to establish a consistent circulation system. It is also advised to charge the pump at regular intervals, even if it is not being used for an extended period of time.

1. PRODUCT FEATURES

Efficient and Energy-Saving: Intermittent model with a 15 seconds interval ensures energy-saving operation, extending usage time. Quick recharging is possible using the supplied USB-C port with a laptop, power bank, and USB charger. A full charge can last at least 20 hours.

Super Texture Cover and Low Noise: The magnet driver design produces airflow surrounded with a thickening sealed ABS shell, while soft rubber pads effectively reduce noise.

Portable and Rechargeable via USB: Powered by a rechargeable battery, this air pump can be used as a daily aquarium air pump when plugged into a USB charger or backup air pump for emergency/power failures. Its compact size and cordless operation make it suitable for fishing and transporting purposes.

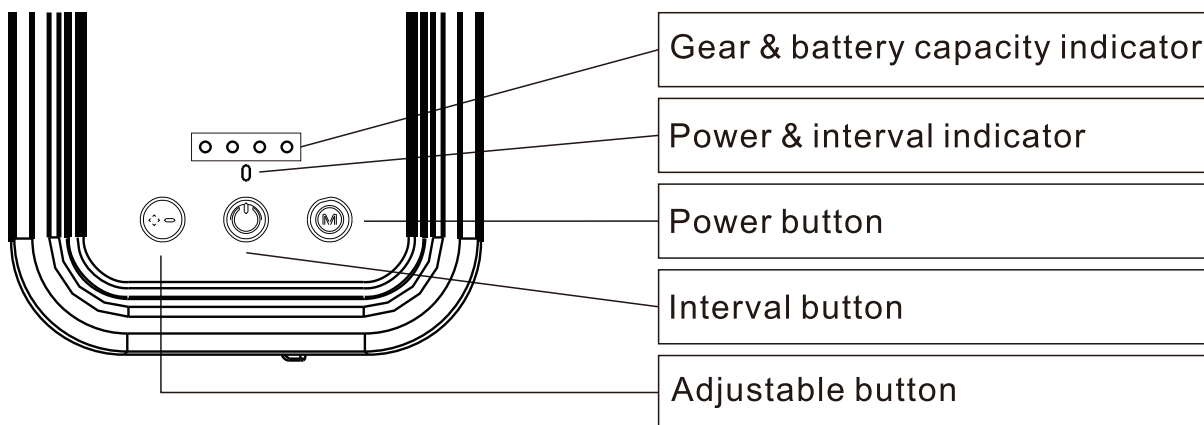
Classic Appearance and Durability: The air pump features a high-quality appearance and is built to last, providing quiet and reliable performance.


Simple Operation and Memory Function: Easy to operate, and it has a memory function that retains the previous settings.

Power off Automatic Restart Function (LCD PATTERN ONLY): The LCD pattern can automatically switch to a DC power supply when power failure.

2. INSTRUCTIONS FOR USE

A) NORMAL PATTERN



① Press the power button  to turn on the air pump. The green indicator light will illuminate. Press the power button again to turn off the air pump. The green indicator light will turn off.

Please pay more attention to that the air pump has a memory function, if you press the power button and the green indicator flashes, this means it is running the previous setup mode. You can press the “M” button to exit this mode.

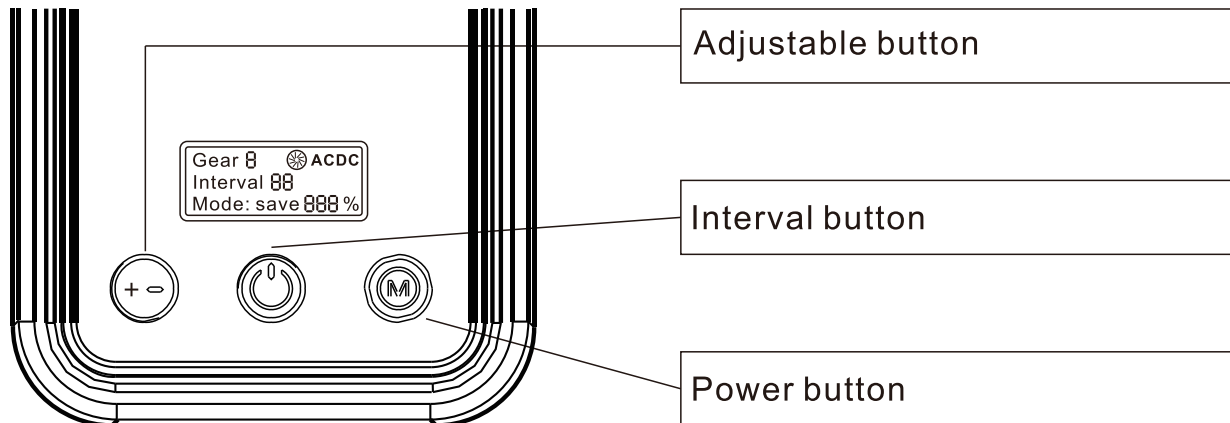
② Press the “M” button to activate the intermittent mode, the air pump will pause for 15 seconds and then repeat this cycle. When the intermittent mode is active, the green indicator light will flash. Press the “M” button again to switch to continuous operation mode. In this mode, the green indicator will remain on.

③ Press “±” button to adjust airflow volume. There are four gears available for adjustment.

④ The green indicator light represents the battery level, all four green lights are on, it indicates a full charge.

⑤ The green indicator lights also represent the airflow. When all four green lights are on when the maximum air flow is reached.

B) LCD DISPLAY PATTERN



① **Gear:** Adjust airflow from 1 to max.5 gear

② **Interval:** Choose between intermittent 30s/60s, and select 00 to exit intermittent mode and switch to continuous working mode.

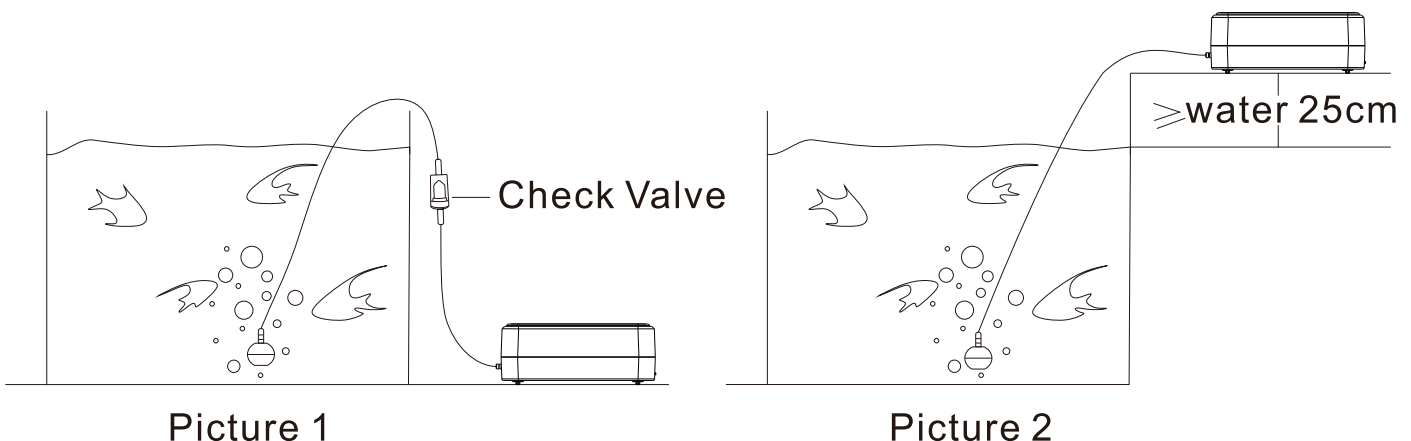
③ **Mode:** save --> long press "M" button enters into "save" mode. In save mode, the air pump will pause the intermittent mode for 60s and then operate 30s when the battery volume is less than 60%. To exit save mode, long press the button for 1.5s. Save mode does not support intermittent mode. but you can still use the "±" and power functions.

④ **AC/DC indicator:** When charging, the display will show "AC" and the AC indicator light will be on. In the event of a power failure, the DC indicator light will be on. **It's important to note that the air pump can automatically switch to a DC power supply in case of a power failure, ensuring continuous oxygen supply to your fish for their safety.**

Please note the below important reminder before using:

Picture 1: If the air pump is positioned below the water surface level in the tank, you must install the air pump with check valves. If you do not use a check valve, this could result in water draining back to the pump resulting in damage to the pump.

Picture 2: Place the air pump at least 25 cm (approximately 10 inches) above the water surface in the tank to prevent water backflow.



3.PRODUCT PARAMETERS

MODEL	HG087		
Voltage	AC 100-240V 50/60 Hz		
Power	1.5W	3W	4W
Air Flow	24GPH (2*1.5L/min)	80GPH (2*2.5L/min)	95GPH (2*2.6L/min)
Sound	≤35dB	≤35dB	≤35dB
Pressure	0.025MPa	0.025MPa	0.03MPa
Depth	2.6FT/0.8M	3.3FT/1.0M	4FT/1.2M
Cord length	2.6FT/0.8M	2.6FT/0.8M	2.6FT/0.8M
Application	Up to 33Gal (125L)	Up to 170Gal (650L)	Up to 200Gal (750L)
Dimension	4.33"x2.6"x1.6" 11 x 6.5 x 4CM	4.7"x2.8"x1.6" 12 x 7 x 4CM	5.5"x3.15"x1.77" 14 x 8 x 4.5CM
Continuous standby time	≤20hours	≤23hours	≤23hours
Intermittent work	≤28hours	≤24hours	≤24hours

4.TROUBLESHOOTING

Cause	Explanation	Solution
Air pump doesn't work	Check if the power source is connect properly	Connect the correct power
Airflow decrees	Check if the air tube is broken or damaged	Replace the air tube with a new one
Air temp is high	Check if the air tube is blocked	Replace the air tube with a new one
Abnormal noise	Check for any collisions with other products	Reposition the pump to a different location or clean the internal motor

5.ATTENTION

- ✓ Please read this manual carefully before use and follow in strict accordance with the manual.
- ✓ Install the air pump with check valves or place the air pump 25cm (9.8") higher than the surface of tank water in order to avoid water backflow and potential damage to the pump.
- ✓ Place the air pump level on a flat surface. Putting a towel or rubber mat under the pump can reduce the sound even more.
- ✓ Keep the air pump away from water as the air pump is not waterproof.

- ✓ Keep the air pump away from open flame in order to avoid accidents.
- ✓ Unplug the air pump and contact the seller if 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 first use to get perfect bubbles with this 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 source before any maintenance.
- ✓ Operating temperature range for this air pump is between 33.8~95°F(1-35° C).
- ✓ Maximum depth of water for the attached air stone is 6.5 feet(1.8M).
- ✓ When the air pump is idle for a long time, it should be plugged in and used for 8-10hours every 1-2 months.

6. PACKAGE INCLUDES:

- 1 x Aquarium air pump
- 1 x USB adapter
- 1 x Air stone (or 2pcs air stones for 3W&4W)
- 1 x Air tube (or 2pcs tubes for 3W&4W)
- 1 x Type-C wire cord
- 1x Check valve (or 2pcs for 3W&4W)
- 1x User manual

7. 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 environmentally friendly way.



8. CONTACT INFORMATION

E-mail: service@hygger-online.com

Website: www.hygger-online.com