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› hygger Battery Backup Aquarium Air Pump (Model HG267) User Manual

hygger HG267

hygger Battery Backup Aquarium Air Pump

Model: HG267 | Brand: hygger

INTRODUCTION

This manual provides comprehensive instructions for the hygger Battery Backup Aquarium Air Pump, Model HG267. Designed for reliable oxygen supply, this pump features automatic AC/DC switching, multiple operating modes, and adjustable airflow, suitable for aquariums up to 120 gallons, fish transportation, and outdoor fishing. Please read these instructions carefully before use to ensure proper operation and longevity of your device.

WHAT'S IN THE BOX

The package includes:

- 1 x hygger Aquarium Air Pump
- 2 x Air Stones
- 2 x Air Tubes
- 2 x Check Valves
- 1 x DC Adapter
- 1 x User Manual

Packaging List



Image: Contents of the hygger HG267 air pump package, including the pump, air stones, tubes, check valves, adapter, and manual.

KEY FEATURES

- **Automatic AC/DC Switching:** Seamless transition to battery power during outages, ensuring continuous oxygen supply.
- **Long-Lasting Battery:** Built-in 5000mAh*2 lithium battery provides up to 20 hours of continuous operation on a full charge.
- **Multiple Operating Modes:** Offers Continuous, Intermittent, and Feeding modes with adjustable settings for varied aeration needs.
- **Adjustable Airflow:** Digital display and touch-sensitive buttons allow for precise control over airflow levels.
- **Powerful Dual Outlet:** 10W pump delivers up to 254 GPH airflow, suitable for efficiently oxygenating tanks up to 120 gallons.
- **Ultra-Quiet Operation:** Multi-stage noise reduction technology and shock-absorbing pads keep operating noise below 35 decibels.
- **Versatile Application:** Ideal for indoor aquariums, ponds, fish transportation, and outdoor fishing (Note: Not waterproof).

Rechargeable Aquarium Air Pump

Maximum airflow continuous operation: 20 hours



Image: The hygger air pump highlighting its rechargeable battery and 20-hour continuous operation capability.

Whisper-Quiet

≤ 35dB



Shockproof Pad

Image: Depiction of the hygger air pump's ultra-quiet operation, showing a noise level of 35dB.



Image: Examples of the hygger air pump's versatile uses, including for aquariums, fish transportation, and outdoor fishing.

SETUP INSTRUCTIONS

- 1. Unpack Components:** Carefully remove all items from the packaging and ensure all listed components are present.
- 2. Connect Air Tubes and Air Stones**
 - If using check valves, cut the air tube into two sections.
 - Install a check valve between the two air tube sections, ensuring the "IN" side faces the pump and the "OUT" side faces the air stone.
 - Connect one end of the air tube to an air outlet on the pump.
 - Connect the other end of the air tube to an air stone. Repeat this process for the second air outlet.

Installation Steps with Check Valves



Image: Step-by-step guide for connecting air tubes, check valves, and air stones to the pump.

3. Positioning the Pump:

- If not using check valves, ensure the air pump is placed above the water level to prevent water backflow into the pump.
- If using check valves, the pump can be placed below the water level, as the check valves will prevent backflow.

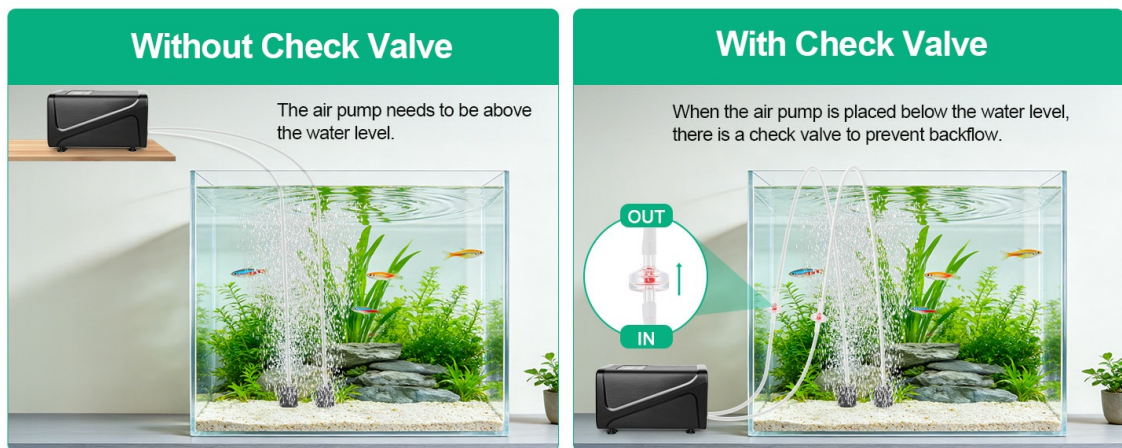


Image: Illustration demonstrating correct air pump placement relative to water level, with and without check valves.

4. **Power Connection:** Connect the DC adapter to the pump's power input and then plug the adapter into a standard electrical outlet. The pump will automatically begin charging its internal battery and operate in AC mode.

OPERATING INSTRUCTIONS

Power On/Off

Press the **POWER ON/OFF** button (labeled with a power symbol) on the control panel to turn the pump on or off.

AC/DC Automatic Switching

When the pump is connected to AC power, it functions as a standard air pump. In the event of a power outage, the pump will automatically switch to its internal lithium battery (DC power) to ensure an uninterrupted oxygen supply to your aquarium or bait bucket.



Rechargeable Aquarium Air Pump



Adjustable Flow



Ultra Silent



Large
Lithium Battery



AC/DC
Auto Switch



Image: Visual representation of the air pump operating on AC power and automatically switching to battery power during an outage.

Selecting Operating Modes

Press the **MODE** button (labeled with a gear symbol) to cycle through the three available operating modes:

- **Continuous Mode (CONTI.):** Provides a steady and constant stream of bubbles for maximum aeration. The airflow rate can be adjusted in this mode.
- **Intermittent Mode (INT.):** Produces bubbles with customizable on/off cycles. This mode helps conserve battery power while maintaining adequate oxygen levels. The duration of the on/off cycles can be set.
- **Feeding Mode (FEED):** Temporarily pauses aeration for a user-defined period, allowing fish to feed without being disturbed by bubbles. After the set time, the pump will automatically resume operation in the previously selected mode.

3 Oxygenation Modes



Continuous
Non-stop Aeration



Intermittent
Custom Bubble/Pause
Cycles



Feeding
Timed Pause for
Feeding



Image: Explanations and visual examples of the three oxygenation modes: Continuous, Intermittent, and Feeding.

Adjusting Airflow and Time Settings

Use the **UP/DOWN ADJUSTMENTS** buttons (+ and -) to modify settings:

- In Continuous Mode, these buttons adjust the airflow intensity.
- In Intermittent Mode, they adjust the duration of the on/off cycles.
- In Feeding Mode, they set the pause duration.

The smart digital display provides real-time feedback on current airflow levels, battery indicator, and time settings.

Adjustable Airflow

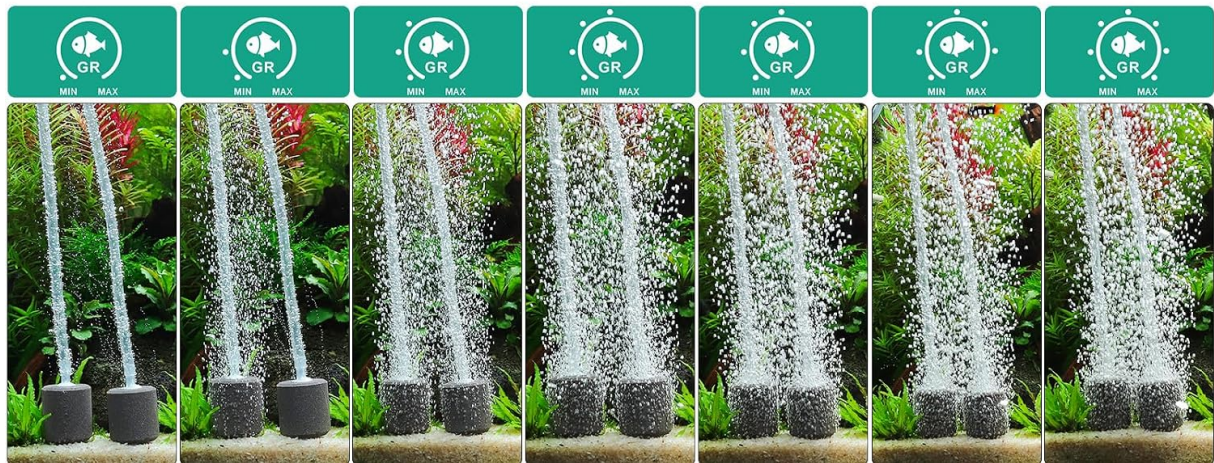
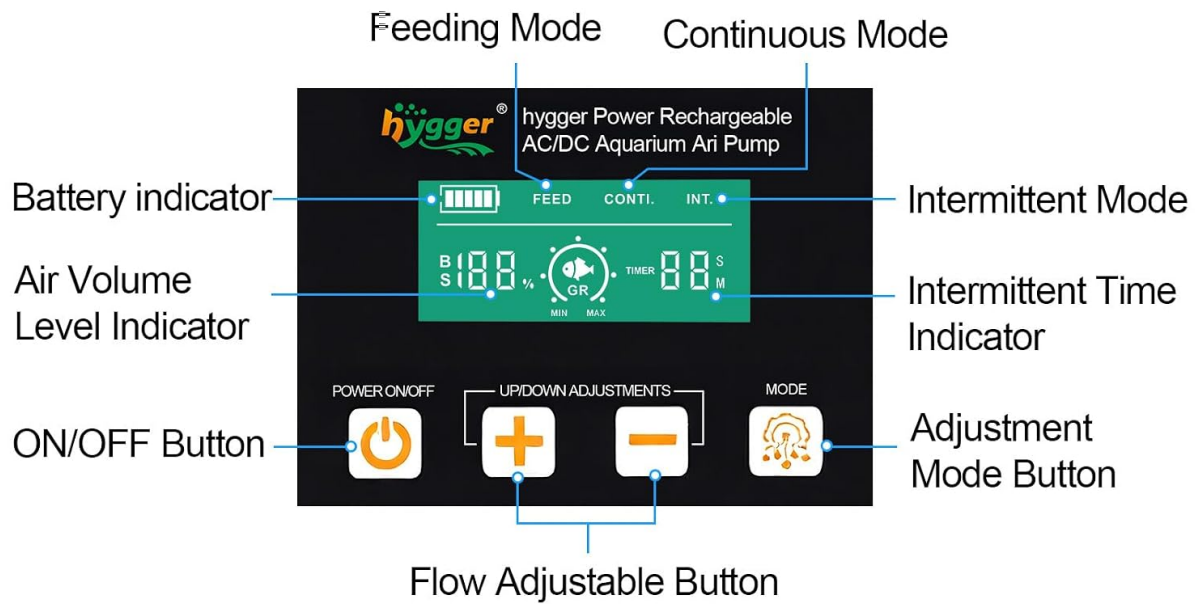


Image: Close-up of the hygger air pump's control panel, showing the digital display, power button, adjustment buttons, and mode button.

Adjustable Flow Rate

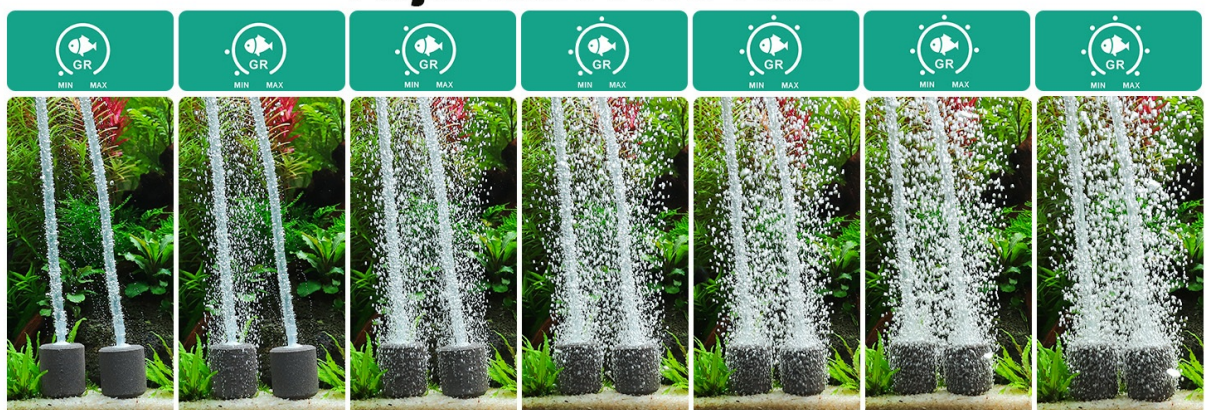


Image: Visual demonstration of varying bubble intensity with adjustable flow rate settings.

Video Demonstration

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Video: A demonstration of the hygger Battery Backup Aquarium Air Pump's features and operation, provided by the seller.

MAINTENANCE

- **Air Stone Cleaning/Replacement:** Regularly clean the air stones to prevent mineral buildup and clogging, which can reduce airflow. Replace air stones when they become too dirty or worn to maintain optimal performance.
- **Air Filter Check:** Periodically inspect and clean the internal air filter (if applicable) to ensure efficient air intake and prevent dust or debris from entering the pump mechanism.
- **Battery Care:** For extended storage, fully charge the battery before storing the pump in a cool, dry place. Avoid completely draining the battery frequently to prolong its lifespan.
- **External Cleaning:** Wipe the exterior of the pump with a soft, damp cloth. Do not immerse the pump in water as it is not waterproof.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Airflow	Pump not powered on; Power adapter disconnected; Battery depleted; Kinked or blocked air tube; Clogged air stone; Incorrectly installed check valve.	Press the POWER ON/OFF button; Ensure DC adapter is securely plugged in; Charge the battery; Straighten or clear air tubes; Clean or replace air stones; Verify check valve direction (IN to pump, OUT to air stone).
Weak Airflow	Low airflow setting; Clogged air stones; Leaks in air tubing connections; Low battery charge.	Increase airflow using the + button; Clean or replace air stones; Check all connections for airtight seals; Recharge the pump.
Pump is Noisy	Unstable placement; Damaged shock-absorbing pads; Loose internal components.	Place the pump on a flat, stable surface; Check and adjust shock-absorbing pads; If noise persists, contact customer support.
Battery Not Charging / Holding Charge	Faulty DC adapter or power outlet; Battery degradation.	Verify DC adapter and power outlet functionality; If the issue persists, the battery may need replacement or the unit may require service.

SPECIFICATIONS

Feature	Detail
Brand	hygger
Model Number	HG267
Color	Black
Material	Plastic
Power Source	Corded Electric (AC/DC Automatic Switching)
Battery Type	Lithium-ion (5000mAh*2)
Air Flow Capacity	4.23 gpm (254 GPH)

Feature	Detail
Max Tank Size	Up to 120 Gallons
Noise Level	Max 35 dB
Included Components	Aquarium air pump, DC adapter, Manual, 2 air stones, 2 air tubes, 2 check valves

WARRANTY & SUPPORT

This hygger product comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any questions regarding your hygger Battery Backup Aquarium Air Pump, please contact hygger customer service. Refer to the contact information provided in your product packaging or visit the official hygger website for assistance.