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hygger HG-067

hygger Rechargeable Aquarium Pond Air Pump (301GPH/19L/Min) Instruction Manual

Model: HG-067

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1. SETUP GUIDE

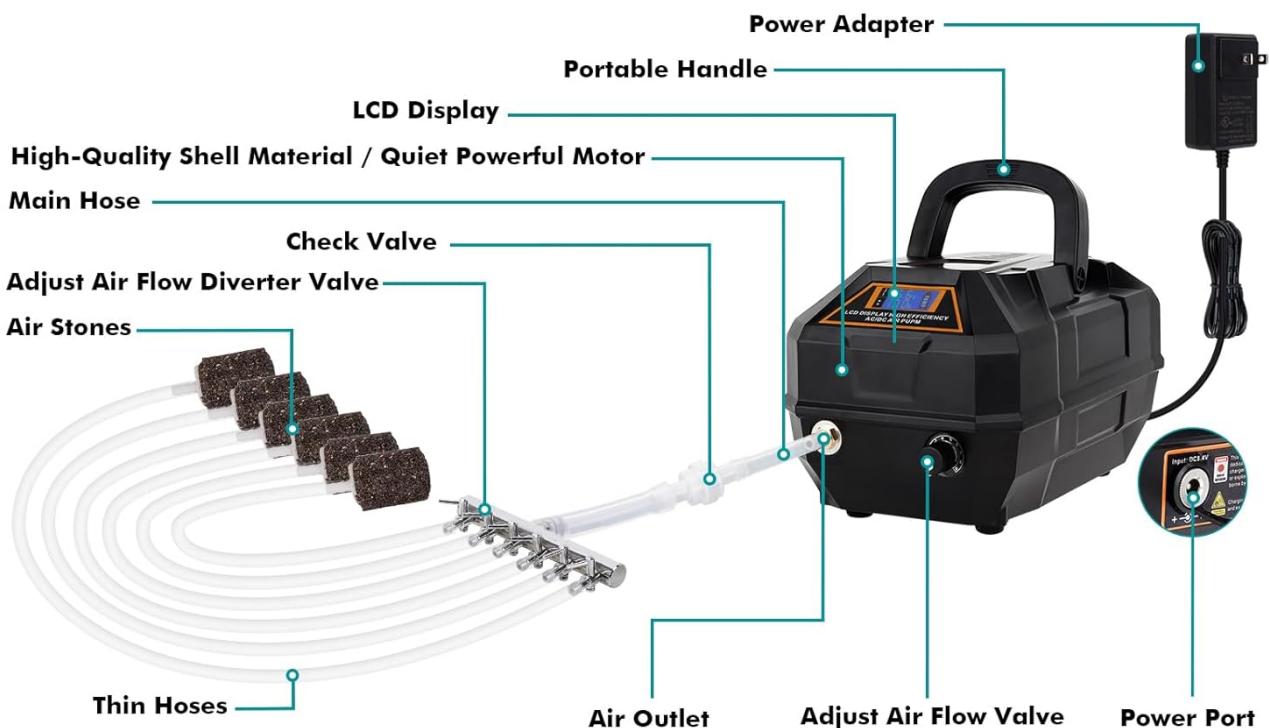
This section provides instructions for setting up your hygger Rechargeable Aquarium Pond Air Pump. Ensure all components are present before beginning installation.

1.1 Unpacking and Component Identification

Carefully remove all items from the packaging. The package includes:

- 1 x Air Pump Unit
- 1 x Power Adapter
- 1 x Main Hose
- 1 x Diverter Valve (with 4 or 6 outlets depending on model)
- 1 x Check Valve
- 4 x Thin Hoses
- 8 x Air Stones

PRODUCT SPECIFICATIONS



Volt./Freq	Input:AC 100-240V/50-60 HzOutput: DC 7.8V
Power	18W
Air flow	301GPH(19L/Min)
Pressure	0.024Mpa
Cord length	4.9FT/1.5M
Recommended for breeding	Up to 80KG
Dimension	10.8x5.7x5.1inch(27.5x14.5x13cm)

Image: Overview of the hygger air pump and its included accessories, such as the main unit, hoses, air stones, and valves.

1.2 Connecting the Air Hoses and Air Stones

1. Connect the main hose to the air outlet on the air pump unit.
2. Attach the diverter valve to the other end of the main hose.
3. Connect the thin hoses to the outlets of the diverter valve.
4. Attach an air stone to the end of each thin hose.
5. Install the check valve in-line on the main hose to prevent water backflow into the pump.



Image: Close-up of the diverter valve with multiple thin hoses and air stones attached, ready for use.

1.3 Initial Charging

Before first use, fully charge the air pump using the provided power adapter. The LCD display will indicate the battery status.



Image: A close-up view of the charging port on the air pump unit, showing where the power adapter connects.

2. OPERATING INSTRUCTIONS

Understand the various operating modes and features of your hygger air pump for optimal performance.

2.1 Power On/Off and Mode Selection

Press the 'ON/OFF' button to power the unit on or off. The pump operates in both AC (when plugged in) and DC (battery-powered) modes. The LCD display shows the current voltage and battery percentage.



Image: A detailed view of the air pump's LCD screen, displaying battery voltage and charge percentage.

2.2 Adjustable Air Flow

The air pump features a 9-level adjustable air volume control knob. Rotate the knob to increase or decrease the airflow. The diverter valve also allows for individual adjustment or closure of specific air outlets.



Image: Close-up of the air volume adjustment knob and air outlet on the side of the pump.

VARIOUS FLOW ADJUSTMENTS



Method one

Via the air pump itself (there are 9 level).



15% 35% 50% 65% 80% 100%

Method two

Via accessories diverter valve (with 4 or 6 outlets).

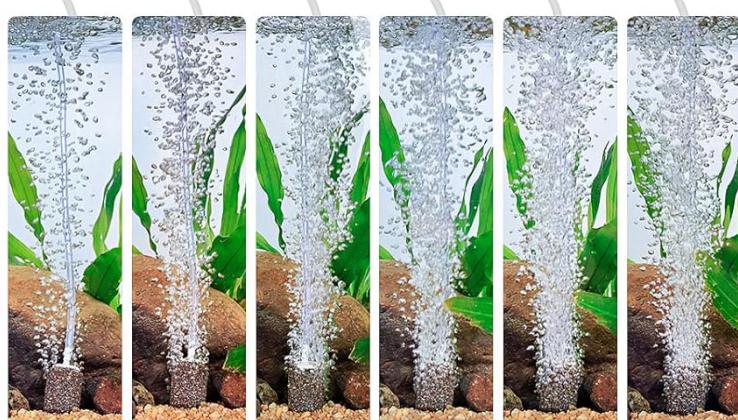


Image: Visual representation of different airflow levels from air stones, demonstrating the 9-level adjustment and diverter valve functionality.

2.3 Power Outage Protection

When the unit is plugged into a power adapter, it operates on AC power and simultaneously charges the internal battery. In the event of a power failure, the pump will automatically switch to battery power, ensuring continuous oxygen supply to your aquatic environment. The minimum flow setting can provide up to 100 hours of operation, while the maximum flow can last for approximately 8 hours (based on single air stone experiment).

NO FEAR OF POWER OUTAGES, A MUST FOR FISH



Image: Depiction of the air pump's automatic switch to battery power during an outage, showing battery life at minimum and maximum airflow.

Video: Demonstrates the hygger Rechargeable Aquarium/Pond Air Pump's battery backup feature, highlighting its functionality during power interruptions.

3. MAINTENANCE

Proper maintenance ensures the longevity and efficient operation of your air pump.

3.1 Air Stone Care

Soak new air stones in water before initial use to ensure optimal bubble diffusion. Periodically clean or replace air stones to prevent clogging and maintain consistent airflow.

3.2 Battery Care

Avoid overcharging the battery. While the unit is designed for continuous charging, prolonged excessive charging can impact battery life. Disconnect the charger once fully charged if not needed for immediate backup.

4. TROUBLESHOOTING

If you encounter issues with your air pump, refer to the following common troubleshooting tips:

- **No Airflow:** Check all hose connections for kinks or blockages. Ensure air stones are not clogged. Verify the unit is powered on and the battery is charged or the power adapter is connected.
- **Weak Airflow:** Adjust the air volume control knob to a higher setting. Inspect air stones for partial clogging. Ensure the diverter valve outlets are fully open for the desired hoses.
- **Unit Not Charging:** Confirm the power adapter is correctly plugged into both the unit and a working power outlet. Check the power adapter for any damage.
- **Unusual Noise:** Ensure the unit is placed on a stable, flat surface. Check for any loose connections or foreign objects obstructing the air intake/outlet.

5. SPECIFICATIONS

Detailed technical specifications for the hygger Rechargeable Aquarium Pond Air Pump (Model: HG-067, 301GPH/19L/Min).

Feature	Detail
Model Name	HG-067
Color	Black
Material	Plastic (ABS high-quality shell)
Item Weight	2.72 Kilograms
Power Source	Corded Electric (AC/DC Dual-purpose)
Air Flow Capacity	301 Gallons Per Hour (19L/Min)
Operation Mode	Automatic
Battery Life (Min Flow)	Up to 100 hours
Battery Life (Max Flow)	Up to 8 hours
Included Components	1*Diverter Valve, 1*check valve, 1*main hose, 4*thin hoses, 8*air stones



Image: The hygger Rechargeable Aquarium Pond Air Pump unit, showcasing its design and features.

6. WARRANTY & SUPPORT

6.1 Product Warranty

This hygger product comes with a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

6.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please contact hygger customer support. Refer to the product packaging or the official hygger website for contact details.

