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fishkeeper FK061-6W

fishkeeper Battery Powered Aquarium Air Pump Instruction Manual

Model: FK061-6W

INTRODUCTION

Thank you for choosing the fishkeeper Battery Powered Aquarium Air Pump. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your new air pump. Designed for versatility, this pump is ideal for maintaining oxygen levels in aquariums, for outdoor fishing, and as a crucial backup during power outages.



Image: The fishkeeper Battery Powered Aquarium Air Pump and its main components.

PRODUCT FEATURES

- **Superior Performance:** Provides a maximum airflow rate of 110GPH, pressure of 0.025Mpa, and power of 6W. Suitable for 10-210 gallon freshwater and saltwater aquariums.
- **AC/DC Automatic Switching:** Functions as a regular air pump when connected to AC power and seamlessly switches to DC power from the built-in lithium battery during power outages, making it a reliable emergency choice.
- **Multi-Level Noise Reduction:** Incorporates magnetic levitation silent technology, a high-precision copper motor, ABS shell sound insulation, and anti-slip damping foot pads for quiet operation (Noise Level < 35 dB).
- **Large Capacity Lithium Battery:** Equipped with a 6000mAh high-capacity battery, offering 21-39 hours in continuous mode and 61-79 hours in intermittent mode. Includes a USB charging cable.
- **Adjustable Flow:** Offers four adjustable flow levels controlled by an intelligent button to meet specific air volume requirements.
- **Versatile Use:** Compatible with various aquarium accessories and suitable for outdoor fishing and emergency situations.

PACKAGE CONTENTS

Verify that all items are present in the package:

Item	Quantity
Aquarium Air Pump	1
Air Tube	2
Air Stone	2
Check Valve	2
Transparent Suction Cup	2
USB Cable	1
User Manual	1



Image: All components included in the fishkeeper Aquarium Air Pump package.

SETUP AND INSTALLATION

- 1. Prepare Air Tubes:** Cut the air tube from the middle or any desired position to fit your setup.
- 2. Connect Check Valves:** If the pump is placed below the water level, a check valve is required to prevent water backflow into the pump. Connect one end of a cut air tube to the air pump's outlet and the other end to the check

valve. Ensure the check valve's arrow points towards the air stone (away from the pump).

3. **Attach Air Stones:** Connect the remaining end of the air tube (from the check valve, if used) to an air stone.
4. **Positioning:** Place the air stones in your aquarium. The pump can be placed on a flat surface or clipped to the side of the tank or a bucket using the integrated metal clip.

PACKAGE INCLUDES



Battery Capacity: 6000mAh	Power: 6W
Flow: 110GPH	Pressure: 0.025Mpa
Noise: <35dB	Size: 6.1*3.35*2.04 inch

Image: Detailed steps for connecting air tubes, check valves, and air stones.

AS AN EMERGENCY PUMP



Image: The air pump functioning as an emergency pump for an aquarium.

ADJUSTABLE FLOW DESIGN

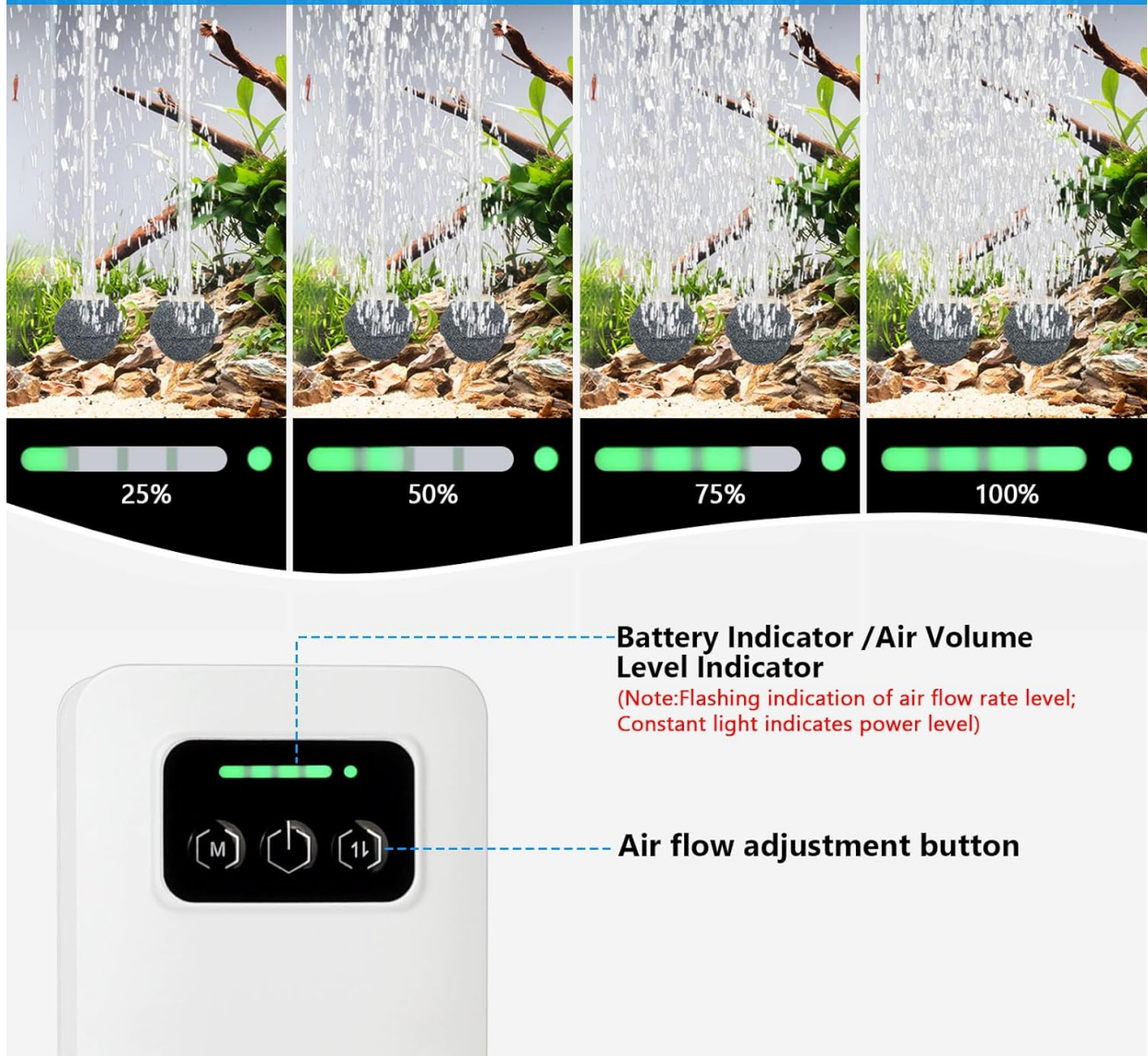


Image: The integrated metal clip and anti-slip rubber feet on the back of the air pump.

OPERATION

The air pump features an intuitive control panel:

- **Power Button (Center):** Press to turn the pump ON or OFF.
- **Flow Adjustment Button (Right):** Press to cycle through four adjustable airflow levels (25%, 50%, 75%, 100%). The indicator lights will show the current level.
- **Mode Button (Left - "M"):** Press to switch between continuous and intermittent modes.
 - **Continuous Mode:** Provides constant airflow.
 - **Intermittent Mode:** The pump will operate for 10 seconds and then stop for 10 seconds, repeating the cycle. This mode conserves battery life.
- **Battery Indicator / Air Volume Level Indicator (Top Bar):** Flashing lights indicate the air flow rate level. Constant lights indicate the power level.



Image: Overview of the air pump's control panel and indicators.

UP TO 79 HOURS OF RUNTIME

Multiple Airflow Setting modes

Maximum
Continuous Mode

39

Hours



Minimum
Continuous Mode

21

Hours



Maximum
Intermittent Mode

79

Hours



Minimum
Intermittent Mode

61

Hours



Image: Visual representation of adjustable 4-level airflow.

Your browser does not support the video tag.

Video: Demonstrates the fishkeeper Aquarium Air Pump in operation, highlighting its features like adjustable airflow and quiet design.

CHARGING

The air pump is equipped with a rechargeable lithium battery. Use the provided USB cable to charge the device. Multiple charging methods are supported:

- USB Charger (wall adapter)
- Power Bank
- Car USB Charger
- Computer USB Port

RECHARGEABLE LITHIUM BATTERY

Multiple USB Charging Methods



USB Charger



Power Bank



Car USB Charge



Computer

Image: Various methods for charging the air pump's lithium battery.

NOISE REDUCTION AND WATERPROOFING

- **Ultra-Quiet Design:** The pump is designed with multiple noise reduction techniques, including an ABS noise reduction enclosure, a full copper coil motor, and anti-slip shock-absorbing rubber feet, resulting in a noise level below 35 dB.
- **IP64 Waterproof:** The device has an IP64 waterproof rating, meaning it is protected from splashing water. *Note: Please do not soak the product in water.*

MULTI-NOISE REDUCTION

Noise Level < 35 dB



Image: Internal components and design features contributing to the pump's quiet operation.

MAINTENANCE

To ensure optimal performance and longevity of your fishkeeper air pump:

- Regularly check air tubes for kinks or blockages.
- Clean or replace air stones periodically as they can become clogged, reducing airflow.
- Keep the pump unit clean and dry. Avoid exposing it to excessive moisture or direct water immersion.

TROUBLESHOOTING

If you encounter issues with your air pump, consider the following:

- **No Airflow:**
 - Check if the pump is turned ON.
 - Ensure the battery is charged.
 - Verify that air tubes are not kinked or blocked.
 - Inspect air stones for clogging; clean or replace if necessary.
- **Weak Airflow:**
 - Adjust the flow level using the flow adjustment button.

- Check for partial blockages in air tubes or air stones.

- **Unusual Noise:**

- Ensure the pump is placed on a stable, flat surface.
- Check if rubber feet are intact and providing proper damping.

For persistent issues, please contact fishkeeper customer support.

SPECIFICATIONS

Attribute	Value
Brand	fishkeeper
Model Number	FK061-6W
Power	6W
Air Flow Capacity	110GPH (412 LPH)
Maximum Pressure	0.025Mpa (0.03 Pascal)
Battery Capacity	6000mAh Lithium Ion
Continuous Mode Runtime	21-39 hours
Intermittent Mode Runtime	61-79 hours
Noise Level	< 35 dB
Waterproof Rating	IP64
Product Dimensions	6.5"L x 3.93"W x 3.93"H
Item Weight	1.46 Pounds (0.66 Kilograms)
Material	Acrylonitrile Butadiene Styrene

WARRANTY AND SUPPORT

The fishkeeper Aquarium Air Pump comes with a standard manufacturer's warranty. For detailed warranty information, product support, or troubleshooting assistance not covered in this manual, please contact fishkeeper customer service directly through their official website or the retailer where the product was purchased.

For additional resources and product information, visit the [fishkeeper Store on Amazon](#).