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› boxtech K2 Ultra-Quiet Aquarium Air Pump User Manual

## boxtech K2

# boxtech K2 Ultra-Quiet Aquarium Air Pump

## USER MANUAL

### Introduction

Thank you for choosing the boxtech K2 Ultra-Quiet Aquarium Air Pump. This manual provides essential information for the proper setup, operation, and maintenance of your new air pump. Please read it thoroughly before use to ensure optimal performance and longevity of the product.



Figure 1: The boxtech K2 Ultra-Quiet Aquarium Air Pump in an aquatic environment, demonstrating its powerful and quiet operation.

## Safety Information

### WARNING:

- Ensure the rated voltage is correct for your region before plugging in the device.
- Do not place the pump where it might come into contact with liquid.
- Do not place the pump in direct sunlight.
- Do not place the pump near flammable or other dangerous materials or objects.
- Use only to pump air; do not use for other gases or liquids.
- Install the pump horizontally on a stable surface.



Figure 2: Product packaging highlighting important safety warnings and manufacturer details.

## Product Features

- **Ultra-Quiet Operation:** Designed for minimal noise, making it suitable for various environments, including bedrooms. Ideal for 10-120 gallon freshwater and marine aquariums.
- **Adjustable Airflow:** Features an easy-to-use knob to customize air volume, ensuring optimal oxygen levels for your specific aquarium needs.
- **Dual Air Outlets:** Equipped with two outlets, allowing you to drive two 4-inch air stones or filters simultaneously, or one air stone using a 'T' connector.
- **Durable Construction:** Built with a full copper wire motor for energy efficiency and a longer service life. The membrane is made of special synthetic rubber for enhanced durability.
- **Efficient Air Filtration:** A bottom air intake filter blocks contaminant particles, ensuring cleaner air output and normal pump operation.

# Super Quiet Air Pump



| noise | power | exhaust    | pressure |
|-------|-------|------------|----------|
| <35dB | 5W    | 2.0L/min*2 | 0.020MPa |

Figure 3: Key features of the boxtech K2 Air Pump, including the adjustable gas volume knob, non-slip anti-vibration rubber pads, suction filter hole, and double air outlet.

## Setup Instructions

1. **Unpack:** Carefully remove the air pump from its packaging. Inspect for any damage.
2. **Placement:** Place the air pump on a stable, flat surface, ensuring it is installed horizontally. It should be positioned above the water level of your aquarium to prevent water backflow. If placing below water level, use a check valve (not included).

3. **Connect Air Tubing:** Connect standard aquarium air tubing (not included) to the dual air outlets on the pump. You can connect two separate air stones or filters, or use a 'T' connector for a single air stone.
4. **Connect Air Stones/Accessories:** Attach your desired air stones, sponge filters, or other air-driven accessories (not included) to the other end of the air tubing and place them in your aquarium.
5. **Power Connection:** Plug the power cord into a suitable AC 110-120V, 60Hz power outlet.



Figure 4: The dual air outlets of the boxtech K2 Air Pump, designed to drive two air stones or filters simultaneously.

## Operating Instructions

1. **Power On:** Once connected, the pump will begin operating.
2. **Adjust Airflow:** Use the adjustable knob located on the top of the pump to control the air volume. Turn the knob clockwise to increase airflow and counter-clockwise to decrease it. Adjust the airflow according to the size of your fish tank and the requirements of your air discs or accessories.

# Air Volume Adjustment Knob



Turn the knob to adjust the air volume

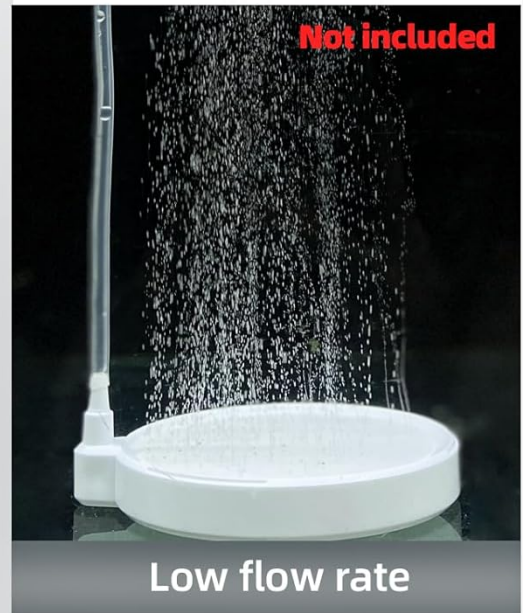


Figure 5: The air volume adjustment knob allows precise control over the air output, from low to high flow rates.

Your browser does not support the video tag.

Video 1: Demonstration of the boxtech K2 Aquarium Air Pump's powerful and quiet operation, showcasing its adjustable airflow and dual outlets in a fish tank environment.

## Maintenance

Regular maintenance ensures the longevity and efficient operation of your boxtech K2 Air Pump.

- **Clean Air Intake Filter:** Periodically check and clean the bottom air intake filter to prevent the accumulation of dust and debris. A clogged filter can reduce airflow and strain the pump. Gently remove the filter cover and clean the filter material with clean water. Ensure it is completely dry before reinserting.
- **Inspect Air Tubing and Air Stones:** Regularly check air tubing for kinks or blockages and air stones for clogs. Replace if necessary to maintain optimal bubble production.

- **General Cleaning:** Wipe the exterior of the pump with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

## Troubleshooting

| Problem                       | Possible Cause   | Solution   |
|-------------------------------|--|--|
| No air output or weak airflow | <ul style="list-style-type: none"> <li>• Power not connected</li> <li>• Air intake filter clogged</li> <li>• Air tubing kinked or blocked</li> <li>• Air stone clogged</li> <li>• Pump placed below water level without check valve</li> </ul> | <ul style="list-style-type: none"> <li>• Ensure pump is plugged in and power outlet is active.</li> <li>• Clean the air intake filter.</li> <li>• Check and clear any kinks or blockages in the air tubing.</li> <li>• Clean or replace the air stone.</li> <li>• Relocate pump above water level or install a check valve.</li> </ul> |
| Pump is noisy                 | <ul style="list-style-type: none"> <li>• Pump not on a flat, stable surface</li> <li>• Vibrations transferred to surrounding objects</li> <li>• Internal component issue</li> </ul>  | <ul style="list-style-type: none"> <li>• Ensure pump is placed on a flat, stable surface.</li> <li>• Check that the pump's rubber feet are intact and not touching other objects.</li> <li>• If noise persists and is excessive, contact customer support.</li> </ul>  |

## Specifications

| Attribute                  | Value                        |
|----------------------------|------------------------------|
| Model                      | K2 (White-K2 5W)             |
| Brand                      | boxtech                      |
| Material                   | Synthetic Rubber             |
| Item Weight                | 0.71 Kilograms (1.57 pounds) |
| Product Dimensions (LxWxH) | 5.9" x 3.8" x 2.7"           |
| Power Source               | Corded Electric              |
| Air Flow Capacity          | 2 LPM (Liters Per Minute)    |
| Maximum Pressure           | 0.02 MPa (2.9 PSI)           |
| Operation Mode             | Automatic                    |

| Attribute | Value        |
|-----------|--------------|
| UPC       | 784133414414 |

# Double Air Outlet



Drive two 4inch air stones or filters together;  
Or drive one air stone by using a "T" connector

**Package included: air pump and user manual**

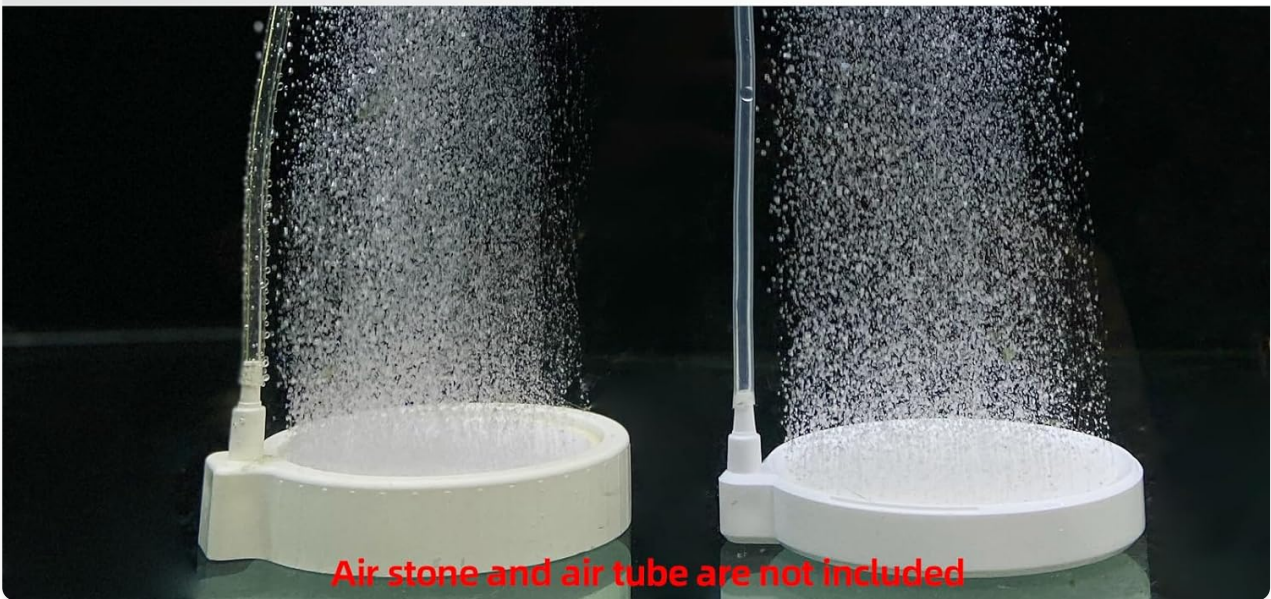


Figure 6: Product dimensions of the boxtech K2 Air Pump.

## Warranty and Support

For any product inquiries, technical support, or warranty claims, please contact boxtech customer service:

- **Email:** [aquariumfilter@163.com](mailto:aquariumfilter@163.com)
- **Website:** For additional resources and product information, visit [www.upettools.com](http://www.upettools.com)

