

bnafes 2 Way Inline Manifold Air Flow Pump Tubing Splitter Lever Control Valve

bnafes Aquarium 2 Way Inline Manifold Air Flow Pump Tubing Splitter Lever Control Valve User Manual

Model: 2 Way Inline Manifold Air Flow Pump Tubing Splitter Lever Control Valve | Brand: bnafes

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your bnafes 2 Way Inline Manifold Air Flow Pump Tubing Splitter Lever Control Valve. This device is designed to efficiently control and distribute air flow from a single air pump to multiple outlets in aquarium and aquaculture systems. Please read this manual thoroughly before use to ensure safe and optimal performance.

2. SAFETY INFORMATION

- Always disconnect the air pump from its power source before installing or performing maintenance on the air flow control valve.
- Ensure all tubing connections are secure to prevent air leaks, which can reduce efficiency.
- This product is intended for use with aquarium and aquaculture air systems only. Do not use for other purposes.
- Keep out of reach of children. Small parts may pose a choking hazard.
- Inspect the valve and tubing regularly for any signs of wear, damage, or corrosion. Replace components as necessary.

3. PRODUCT OVERVIEW

The bnafes 2 Way Inline Manifold Air Flow Pump Tubing Splitter is constructed from copper with a nickel-plated finish, ensuring durability and resistance to rust. It features a single inlet and two adjustable outlets, each controlled by an individual lever valve, allowing precise regulation of air flow to different aquarium accessories.



Figure 1: Side view of the bnafe's 2 Way Inline Manifold Air Flow Pump Tubing Splitter. This image shows the overall construction and the two lever valves for air flow control.

4. SETUP INSTRUCTIONS

1. **Identify Ports:** Locate the single inlet port (typically larger) and the two outlet ports (smaller) on the manifold.
2. **Connect Air Pump Tubing:** Connect the air tubing from your air pump to the inlet port of the manifold. The inlet diameter is 8mm (0.31 inches), suitable for 8x10mm tubing. Ensure a snug fit.



Figure 2: Top view showing the 3/8 inch (approximately 8mm) inlet connection point for the air pump tubing.

3. **Connect Outlet Tubing:** Attach air tubing from your air stones, decorations, or other aquarium accessories to each of the two outlet ports. The outlet diameter is 4mm (0.16 inches), suitable for 4x6mm tubing.



Figure 3: Bottom view illustrating the two 3/16 inch (approximately 4mm) outlet connections for distributing air to aquarium accessories.

4. **Secure Connections:** Verify that all tubing is firmly attached to prevent air leakage.
5. **Positioning:** Place the manifold in a convenient location, ensuring it is easily accessible for adjustment.

5. OPERATING INSTRUCTIONS

Once the valve is installed and connected to your air pump and accessories, you can control the air flow:

- **Turning On/Off Air Flow:** Each outlet has an individual lever valve. To allow air to flow through an outlet, turn its lever to the open position (typically aligned with the tubing). To stop air flow, turn the lever to the closed position (perpendicular to the tubing).
- **Adjusting Air Flow:** The lever valves allow for fine-tuning of air flow. Partially opening or closing a lever will increase or decrease the amount of air passing through that specific outlet. Adjust as needed for your aquarium's requirements.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air flow control valve:

- **Periodic Inspection:** Regularly check the valve and all tubing connections for any signs of wear, cracks, blockages, or corrosion.
- **Cleaning:** If mineral deposits or debris accumulate, disconnect the valve from the air system. Rinse the valve thoroughly with clean water. For stubborn deposits, a soft brush may be used. Ensure the valve is completely dry before reconnecting.
- **Lubrication:** No lubrication is typically required for the lever mechanisms. If operation becomes stiff, ensure no debris is obstructing the movement.

7. TROUBLESHOOTING

If you encounter issues with your air flow control valve, refer to the following common problems and solutions:

- **No Air Flow from an Outlet:**
 - Ensure the air pump is operating correctly.
 - Check that the lever valve for the affected outlet is in the fully open position.
 - Inspect the tubing connected to the outlet for kinks or blockages.
 - Verify the inlet connection from the air pump is secure and not leaking.
- **Reduced Air Flow:**
 - Confirm the air pump is providing sufficient pressure.
 - Check for partial blockages in the tubing or the valve itself. Clean if necessary.
 - Ensure all connections are airtight.
- **Air Leaks:**
 - Tighten all tubing connections to the valve and to the air pump/accessories.
 - Inspect tubing for cracks or damage and replace if necessary.

8. SPECIFICATIONS

Feature	Specification
Product Name	Air Flow Control Valve
Brand	bnafes
Material	Copper, Nickel Plated
Color	Silver Tone
Overall Size (L x W x H)	43 x 53 x 21 mm (1.7" x 2.1" x 0.8")
Inlet Diameter	8 mm (0.31")
Compatible Inlet Tube Diameter	8 x 10 mm (0.31" x 0.39")

Outlet Diameter	4 mm (0.16")
Compatible Outlet Tube Diameter	4 x 6 mm (0.16" x 0.24")
Item Weight	40 Grams
Operation Mode	Manual

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the product packaging or contact the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question