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## hygger HG202

# hygger Aquarium Air Stone HG202 Instruction Manual

Model: HG202 (2.4 inch)

## 1. INTRODUCTION

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The hygger Aquarium Air Stone HG202 is designed to efficiently diffuse oxygen into aquatic environments. Its unique volcanic-inspired design features a durable corundum material disc for fine bubbles and a stable stainless steel base. This aerator is suitable for various applications including aquariums, fish tanks, hydroponic systems, and small ponds, enhancing the oxygen solubility to support aquatic life.



*Image 1: The hygger air stone effectively diffusing oxygen in an aquarium.*

## 2. PACKAGE CONTENTS

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Please verify that all the following components are included in your package:

- Aquarium Air Stone (1)
- Control Valve (1)
- Check Valve (1)
- Suction Cup (1)
- T-Shaped Connector (1)
- Airline Tubing (1)





Image 2: Overview of the hygger Aquarium Air Stone and included accessories.

### 3. SPECIFICATIONS

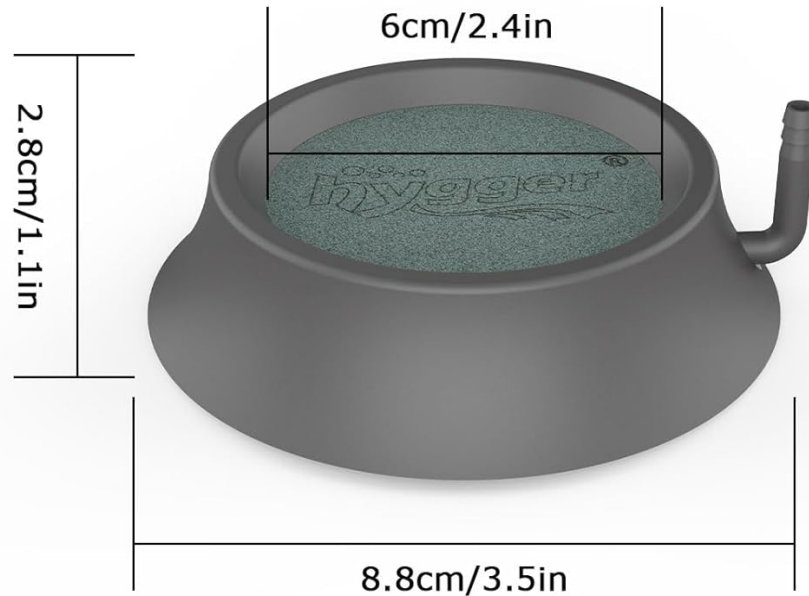
Model Number	HG202
Size	2.4 inch (3.5" OD x 1.1" T)
Product Dimensions	8.89 x 8.89 x 2.79 cm
Item Weight	191 g
Material	Corundum (disc), 304 Stainless Steel (base)
Recommended Air Pump Power	≥3W (Note: Higher wattage may be required for deeper water levels)
Connector Diameter	3/16" (4mm)

## Specifications

Name: **Air Stone Disc**

Pump Power Needed: **≥3W**

Connector Diameter: **3/16"(4mm)** Weight: **3.25 oz**



Airline Tubing



Hose Clip



Air Volume Control Valve



T-shaped Shunt Tube



Check Valve

Image 3: Detailed specifications and dimensions of the air stone.

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your hygger Aquarium Air Stone:

1. **Pre-soak the Air Stone:** Before initial use, soak the air stone in water for at least 1 hour. This helps to saturate the material and promote uniform bubble distribution.
2. **Connect Airline Tubing:** Attach one end of the provided airline tubing to the inlet nozzle of the air stone.
3. **Install Check Valve:** Connect the check valve to the airline tubing. Ensure the check valve is oriented correctly (usually indicated by an arrow for 'IN' and 'OUT') to prevent water backflow into your air pump.
4. **Install Control Valve:** Connect the control valve to the airline tubing after the check valve. This valve allows you to regulate the air flow.
5. **Connect to Air Pump:** Connect the remaining end of the airline tubing to your air pump (air pump not included).
6. **Position the Air Stone:** Place the air stone at the desired location in your aquarium or pond. The stainless steel base provides stability. Use the suction cup if additional securing is needed for the airline tubing.

7. **Dredge the Air Stone (Optional but Recommended):** Repeatedly plug and unplug the hose connected to the air pump approximately 4 times. This action helps to clear any initial blockages and ensures more uniform bubble production.



Image 4: Step-by-step installation guide for the air stone system.

## 5. OPERATING INSTRUCTIONS

Once the air stone is set up and connected to an operational air pump, it will begin to produce bubbles. The bubble output can be adjusted:

- **Adjusting Air Flow:** Use the control valve (blue knob) to regulate the strength and volume of the bubbles. Twist the knob to increase or decrease the air flow as needed for your specific aquatic environment.
- **Optimal Bubble Production:** The air stone is designed to produce a cascade of fine bubbles, significantly increasing oxygen solubility. Adjust the control valve until the desired bubble density is achieved.



# Adjustable Air Flow

*Freely regulate bubble strength by simple twists*



*Image 5: Demonstrating adjustable air flow from low to high bubble output.*

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air stone:

- **Cleaning Frequency:** Clean the air stone once a month to prevent clogging from algae or mineral buildup.
- **Cleaning Method:** Gently brush the surface of the air stone with a soft brush (e.g., an old toothbrush) under running water to remove any accumulated debris. Avoid harsh chemicals.
- **Re-soaking:** After cleaning, it is recommended to re-soak the air stone for a short period before reintroducing it to the aquarium to ensure proper saturation.





Image 6: Visual guide for pre-use soaking, pump power, and regular cleaning.

## 7. TROUBLESHOOTING

If you encounter issues with your hygger Aquarium Air Stone, consider the following:

- **Low or No Bubble Output:**

- **Air Pump Power:** Ensure your air pump meets the recommended power of at least 3W. For deeper water levels, a higher wattage air pump may be necessary to overcome water pressure.
- **Clogging:** The air stone may be clogged. Refer to the Maintenance section (Section 6) for cleaning instructions.
- **Tubing Kinks:** Check the airline tubing for any kinks or blockages that might restrict air flow.
- **Check Valve Orientation:** Verify that the check valve is installed in the correct direction.
- **Control Valve Position:** Ensure the control valve is open sufficiently to allow air flow.

- **Uneven Bubble Distribution:**

- **Initial Saturation:** Ensure the air stone was properly soaked for at least 1 hour before first use.

- **Dredging:** Perform the dredging step (repeatedly plugging/unplugging the air pump hose) as described in Section 4, point 7.
- **Clogging:** Clean the air stone as per maintenance instructions.


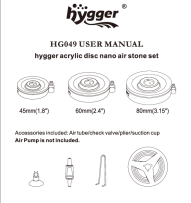
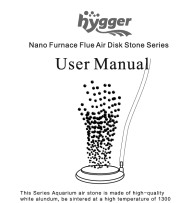


## 8. WARRANTY AND SUPPORT

Specific warranty details for the hygger Aquarium Air Stone HG202 are not provided in this manual. For warranty information, technical support, or any product-related inquiries, please contact the manufacturer, hygger, directly or refer to the seller's return and support policies where the product was purchased.

You may find additional information or contact details on the official hygger website or through your retailer.

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### Related Documents - HG202

 <p>hygger®</p> <p>E-mail: <a href="mailto:info@hyggeraquarium.com">info@hyggeraquarium.com</a> Website: <a href="http://www.hyggeraquarium.com">www.hyggeraquarium.com</a></p>	<p><a href="#">Hygger HG202 Volcano Aquarium Air Stone User Manual</a></p> <p>Comprehensive user manual for the Hygger HG202 Volcano Aquarium Air Stone, providing detailed information on product features, specifications, installation, troubleshooting, and warranty. Designed for freshwater aquariums and ponds.</p>
 <p>hygger®</p> <p>HG049 USER MANUAL</p> <p>hygger acrylic disc nano air stone set</p> <p>45mm(1.8") 60mm(2.4") 80mm(3.15")</p> <p>Accessories included: Air tubes/check valves/bubble cup Air Pump is not included.</p>	<p><a href="#">Hygger HG049 Acrylic Disc Nano Air Stone Set User Manual   Aquarium Accessories</a></p> <p>Comprehensive user manual for the Hygger HG049 acrylic disc nano air stone set. Learn about its features, specifications, setup instructions, and what's included for optimal aquarium aeration.</p>
 <p>hygger®</p> <p>Nano Furnace Flue Air Disk Stone Series</p> <p>User Manual</p> <p>This Stone-Aeration air stone is made of high-quality silica ceramic, is sintered at a high temperature of 1300 degrees Celsius. No heavy, strong, durable.</p> <p>To achieve the desired ideal use effect, please read this manual carefully and follow it strictly.</p>	<p><a href="#">Hygger Nano Furnace Flue Air Disk Stone Series User Manual</a></p> <p>User manual for the Hygger Nano Furnace Flue Air Disk Stone Series aquarium air stones. Provides instructions, features, specifications, and contact information for models S50 and S100.</p>
 <p>hygger®</p> <p>HG069 USER MANUAL</p> <p>hygger aquarium aeration strip kit</p> <p>Accessories included: air tube/check valves/silicone suction cup with ring pipe clip Air Pump is not included.</p>	<p><a href="#">Hygger HG069 Aquarium Aeration Strip Kit User Manual</a></p> <p>Comprehensive user manual for the Hygger HG069 Aquarium Aeration Strip Kit, detailing product features, specifications, installation instructions, and warranty information. Enhances aquarium oxygen levels with a bubble wall design.</p>
 <p>hygger®</p> <p>E-mail: <a href="mailto:info@hyggeraquarium.com">info@hyggeraquarium.com</a> Website: <a href="http://www.hyggeraquarium.com">www.hyggeraquarium.com</a></p>	<p><a href="#">Hygger HG252 Flat Aquarium Heater User Manual</a></p> <p>User manual for the Hygger HG252 Flat Aquarium Heater. Provides detailed information on product features, specifications, installation instructions, maintenance, troubleshooting, safety warnings, and warranty.</p>





[Hygger Nano Furnace Flue Air Disk Stone Series User Manual](#)

User manual for the Hygger Nano Furnace Flue Air Disk Stone Series aquarium air stones, providing instructions, features, product parameters, and warranty information.