


**ASC-050B Aquarium
Bubble Diffuser**



Pawfly ASC-050B Aquarium Bubble Diffuser User Manual

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Pawfly ASC-050B Aquarium Bubble Diffuser



Launch Date: October 24, 2017

Price: \$8.99

Introduction

The Pawfly ASC-050B Aquarium Bubble Diffuser is an important part of your aquarium that will improve the flow and oxygenation of the water. This small but powerful diffuser makes very small bubbles that clean the water, which is good for both plants and fish. Mineral stone of high quality makes it strong and resistant to clogging, so it will work well for a long time. Because it works quietly, the Pawfly ASC-050B creates the best conditions for aquatic life without disturbing the peace of your aquarium. This diffuser is easy to set up and keep up and works with freshwater, saltwater, and hydroponic systems. It's perfect for tanks of all sizes, but especially for smaller setups because it's small. The Pawfly ASC-050B is an easy and inexpensive way to make your aquatic environment healthier, no matter how much experience you have with aquariums.

Specifications

- **Brand:** Pawfly
- **Model:** ASC-050B
- **Material:** High-quality mineral stone
- **Bubble Size:** Fine bubbles
- **Dimensions:** 1.77" x 0.79" (45mm x 20mm)
- **Weight:** 0.03 kg (approx. 1 oz)
- **Air Pump Compatibility:** Compatible with most standard air pumps
- **Recommended Air Pump Power:** 2-4 W
- **Airline Tubing Compatibility:** Standard 3/16 inch (5mm)
- **Jetting Volume:** 1 L/min
- **Color:** Grey
- **Shape:** Round disc

- **Application:** Aquariums, fish tanks, hydroponic systems

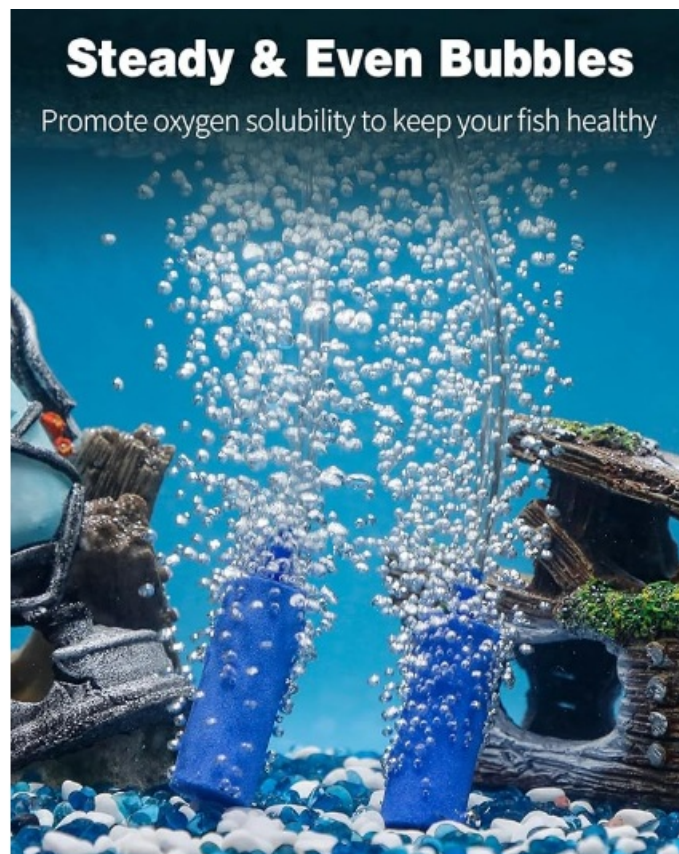
Package Includes

- 1 x Pawfly ASC-050B Aquarium Bubble Diffuser
- 1 x Suction Cup for mounting

Features



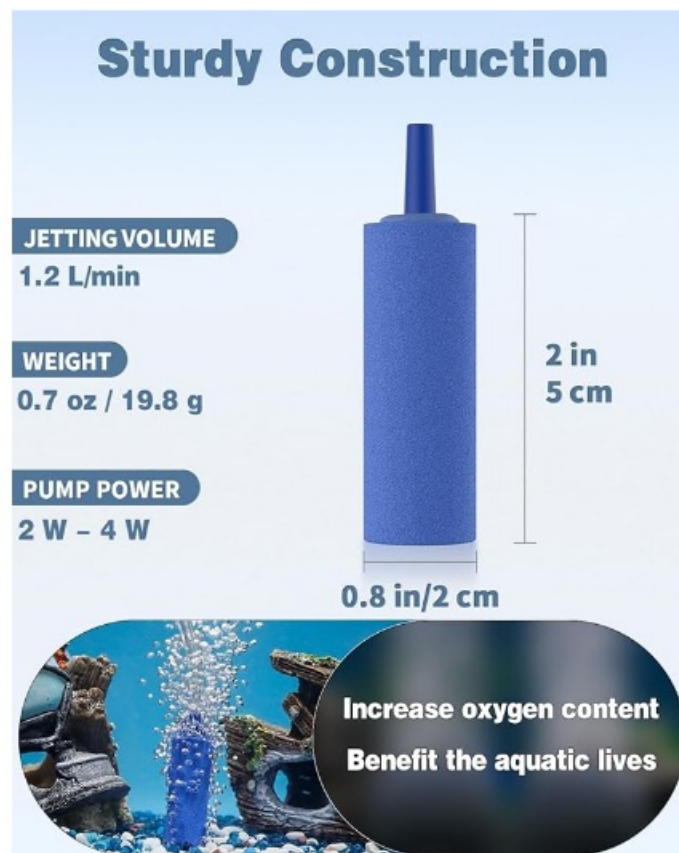
1. **Fine Bubble Production:** The Pawfly ASC-050B is made to make very small bubbles that help the water dissolve oxygen better. These tiny bubbles are very important for improving the water quality in your aquarium, helping aquatic life stay healthy, and increasing the flow of oxygen. It is the smaller bubbles that dissolve oxygen better than the bigger ones. This makes sure that fish and plants get enough oxygen to grow.



2. **Material That Lasts:** This bubble diffuser is made from high-quality mineral stone that has been heated and sinterized, so it doesn't wear down or get clogged easily. This makes sure that the product lasts a long time and keeps working well even after being used for a long time in your aquarium or hydroponic system.
3. **Energy-Efficient:** The Pawfly ASC-050B is designed to use little energy, so it doesn't need much power to work. When used with a compatible air pump, it ensures continuous and cost-effective use, so you can keep the oxygen level in your aquarium healthy without making your energy bills go up by a lot.
4. **Quiet Operation:** The Pawfly ASC-050B's quiet operation makes it stand out. The diffuser doesn't make a lot of noise, so it's a good choice for people who want to keep their aquarium quiet. Like this, it's great for places like the office or home where noise might be an issue.
5. The Pawfly ASC-050B can be used in both freshwater and saltwater aquariums, as well as hydroponic systems. Because it's so flexible, you can use it in a lot of different water environments, like fish tanks, ponds, and nutrient systems. This makes it a great tool for both new and experienced aquarium owners.
6. **Easy to Install:** The diffuser is made to be simple to install. The diffuser stays in place without the need for extra tools because it comes with a suction cup for secure placement inside your aquarium. Users of all skill levels can easily set it up because the steps are clear.
7. **Small designs:** The Pawfly ASC-050B is small, but it has powerful performance. It only measures 0.8" D x 2" H, so it fits into smaller tanks and doesn't take up much room when it's put in place. This small design gives users with different tank sizes and setups more options.
8. **Better Water Quality:** The Pawfly ASC-050B helps improve water circulation and oxygenation by making tiny bubbles and increasing oxygenation. This is important for the health and well-being of your fish and plants. Having the right amount of oxygen in your aquarium also helps keep it stable and healthy by stopping harmful waste from building up.
9. Weighing only 0.8" in diameter and 2" high, the Pawfly ASC-050B is small, but strong. It is built to keep bubbling. However, its small size makes it perfect for fish tanks or aquariums with limited space. It still works well enough to improve oxygenation and water quality in these smaller setups.
10. **Medium-Sized Bubbles:** The Pawfly ASC-050B can make dense, medium-sized bubbles that are good at

oxygenating the water. All of these bubbles help to aerate the water, which makes sure that oxygen dissolves quickly and effectively. This helps keep aquatic life healthy.

11. **Material You Can Trust:** The diffuser is made from mineral materials and is built to last so it won't harm the health of your aquatic environment. It's meant to keep fish and plants healthy by ensuring consistent oxygenation and better water flow, which is good for both the fish and any plants in the tank.
12. **Simple to Use:** The Pawfly ASC-050B is simple to use. Soak it in water for about an hour to get rid of any air or dust that might be in the pores before you use it for the first time. The diffuser may gather dirt over time, so it needs to be cleaned with a brush on a regular basis to keep the airflow at its best. Cleaning the diffuser on a regular basis will keep the bubbles the same and make sure it keeps working well.
13. **What Kind of Air Pump Works with the Pawfly ASC-050B?** It works with 1.2 L/min of jetting volume, which is great for small to medium-sized aquariums. It is best to use an air pump that puts out between 2.5 W and 4 W of power. The diffuser works with 3/16-inch airline tubing, which is the size that most aquarium air pumps use.



Usage

- **Aquarium Aeration:** The **Pawfly ASC-050B** is perfect for improving oxygen levels in your aquarium, which is crucial for maintaining a healthy environment for fish and aquatic plants.
- **Hydroponic Systems:** It can also be used in hydroponic setups to oxygenate the nutrient solution, promoting healthier root development.
- **Water Circulation:** Enhances water movement to prevent stagnation, ensuring a balanced ecosystem in your tank.

Care and Maintenance

- **Initial Setup:** Before first use, soak the **Pawfly ASC-050B** in water for about 15-30 minutes to remove any dust or debris.

- **Regular Cleaning:** Over time, the diffuser may accumulate dirt or algae. Clean it regularly using a soft brush or sponge to prevent clogs and maintain optimal performance.
- **Air Pump Check:** Periodically check your air pump to ensure it is working efficiently and providing enough airflow to the diffuser.
- **Replace When Needed:** If you notice reduced bubble production or clogging that cleaning doesn't resolve, it may be time to replace the diffuser.

Troubleshooting

No Bubbles: If the **Pawfly ASC-050B** is not producing bubbles:

- Check if the air pump is working properly and providing sufficient airflow (2-4 W recommended).
- Ensure the airline tubing is properly connected and not clogged.
- Make sure the diffuser is clean and free of any debris that could block airflow.

Weak or Irregular Bubbles:

- Clean the diffuser using a brush to remove any buildup that could be obstructing the flow of air.
- Check the air pump to ensure it's functioning at its optimal power.

Suction Cup Not Sticking:

- Clean both the suction cup and the surface of the aquarium where it attaches to ensure a secure hold. Wet the suction cup slightly before attaching it to improve adhesion.

Pros and Cons

Pros	Cons
Affordable and cost-effective	Requires regular maintenance
Produces fine bubbles for better oxygenation	May clog if not cleaned regularly
Durable and made from non-toxic materials	Limited effectiveness with low-power pumps

Contact Information

For customer service inquiries or support, please contact Pawfly at:

- **Email:** support@pawfly.com
- **Phone:** 1-800-Pawfly

Warranty

The Pawfly ASC-050B comes with a standard warranty covering manufacturing defects for one year from the date of purchase. Always retain your receipt for warranty claims.

FAQs

What is the Pawfly ASC-050B Aquarium Bubble Diffuser designed for?

The Pawfly ASC-050B is designed to improve oxygenation and circulation in aquariums, helping to create a healthier environment for fish and plants.

How does the Pawfly ASC-050B improve water quality?

The Pawfly ASC-050B produces ultra-fine bubbles that help increase oxygen solubility in the water, promoting better circulation and improving water quality for healthier aquatic life.

What material is the Pawfly ASC-050B made of?

The Pawfly ASC-050B is made from high-quality mineral stone that is durable, resistant to clogging, and sintered at high temperatures for long-lasting performance.

What size air pump is compatible with the Pawfly ASC-050B?

The Pawfly ASC-050B is recommended to be used with an air pump with a power output between 2.5 W to 4 W for optimal performance.

What are the dimensions of the Pawfly ASC-050B?

The Pawfly ASC-050B is a compact diffuser measuring 0.8D x 2H, making it ideal for small to medium-sized tanks.

How does the Pawfly ASC-050B improve the health of aquatic life?

By promoting better oxygenation and water circulation, the Pawfly ASC-050B helps create a healthier environment for fish, plants, and other aquatic organisms.

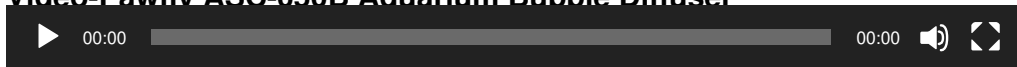
How can I clean the Pawfly ASC-050B?

To clean the Pawfly ASC-050B, soak it in water for about 1 hour before use, and clean it regularly with a brush to prevent clogging and maintain consistent bubble production.

What is the jetting volume of the Pawfly ASC-050B?

The Pawfly ASC-050B has a jetting volume of 1.2 L/min, which is ideal for small to medium-sized aquariums.

Video-Pawfly ASC-050B Aquarium Bubble Diffuser



<https://www.manuals.plus/wp-content/uploads/2024/11/Pawfly-ASC-050B-Aquarium-Bubble-Diffuser.mp4>

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