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Pawfly B0DBCCFFZJ

Pawfly Aquarium Air Pump & LED Light User Manual

Model: B0DBCCFFZJ

PRODUCT OVERVIEW

The Pawfly Aquarium Air Pump 50 GPH with Aquarium LED Light is designed to provide essential aeration and illumination for your fish tank. This integrated system ensures a healthy environment for aquatic life by supplying steady airflow and full-spectrum lighting.



Image: The complete Pawfly Aquarium Air Pump and LED Light kit, showing the air pump, LED light fixture, tubing, air stones, and connectors.

PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- 1 x Pawfly Air Pump
- 1 x Aquarium LED Light
- 1 x 6.5-foot (3/16" ID) Airline Tubing
- 2 x Air Stone Cylinders
- 2 x Check Valves
- 2 x Connectors (1 straight, 1 T-shape)

Sturdy Metal Bracket

Stably support the lighting panel without bending



Telescopic



Detachable



Heavy-duty

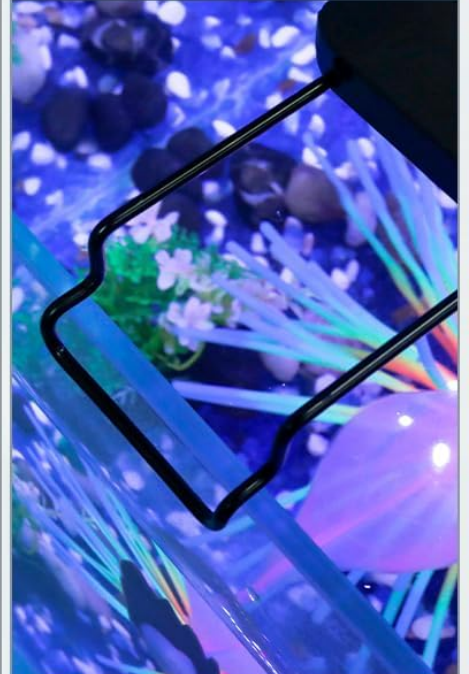


Image: A detailed view of the Pawfly Air Pump and LED Light, highlighting the main components included in the package.

SETUP INSTRUCTIONS

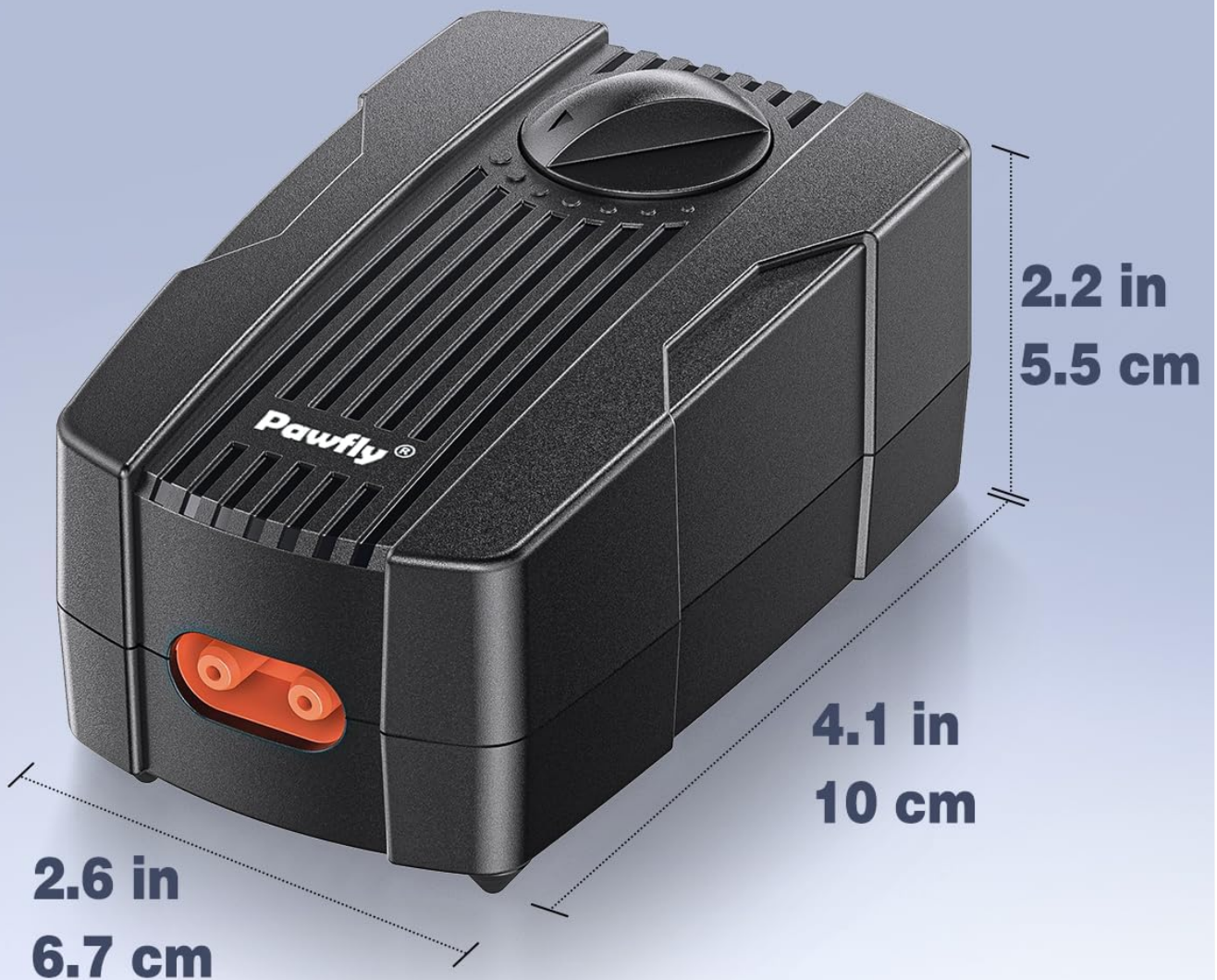
Air Pump Setup:

1. Connect one end of the 6.5-foot airline tubing to one of the dual outlet ports on the Pawfly Air Pump.
2. Attach an air stone cylinder to the other end of the airline tubing.

3. For optimal performance and to prevent water backflow into the pump, install a check valve along the airline tubing, ensuring the arrow on the valve points towards the air stone.
4. Place the air stone at the desired location within your aquarium. Ensure the air pump is placed above the water level or use a check valve to prevent water from siphoning back into the pump during power outages.
5. If using both outlets, repeat steps 1-4 for the second outlet.

Steady Output

Work great for 10-60 gallon fish tanks or buckets



Noise:	Max Flow Rate	Power	Pressure
< 30 dB	50 GPH	1.25 W	0.013 MPa

Image: The Pawfly Air Pump with its dimensions (2.6 in / 6.7 cm, 4.1 in / 10 cm, 2.2 in / 5.5 cm) and key specifications: Noise < 30 dB, Max Flow Rate 50 GPH, Power 1.25 W, Pressure 0.013 MPa.

All in One Package



Image: Close-up view of the air pump accessories, including the T-shape connector (0.5" x 1.2"), air stone (0.8" x 1.2"), straight connector (1.1" x 0.4"), and check valve (2.1" x 0.4").

LED Light Setup:

1. Attach the sturdy metal brackets to the ends of the LED light fixture. These brackets are telescopic and detachable for flexible installation.
2. Extend the brackets to fit the length of your aquarium. The light is designed for tanks 12 to 18 inches long.

3. Position the LED light securely on the rim of your aquarium.
4. Connect the power adapter to the LED light and then plug it into a suitable power outlet.

Extendable Design

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Work best on fish tanks of **12 to 18** inches long

LUX: 2500

PAR: 55

CRI: 90

Power: 9 W

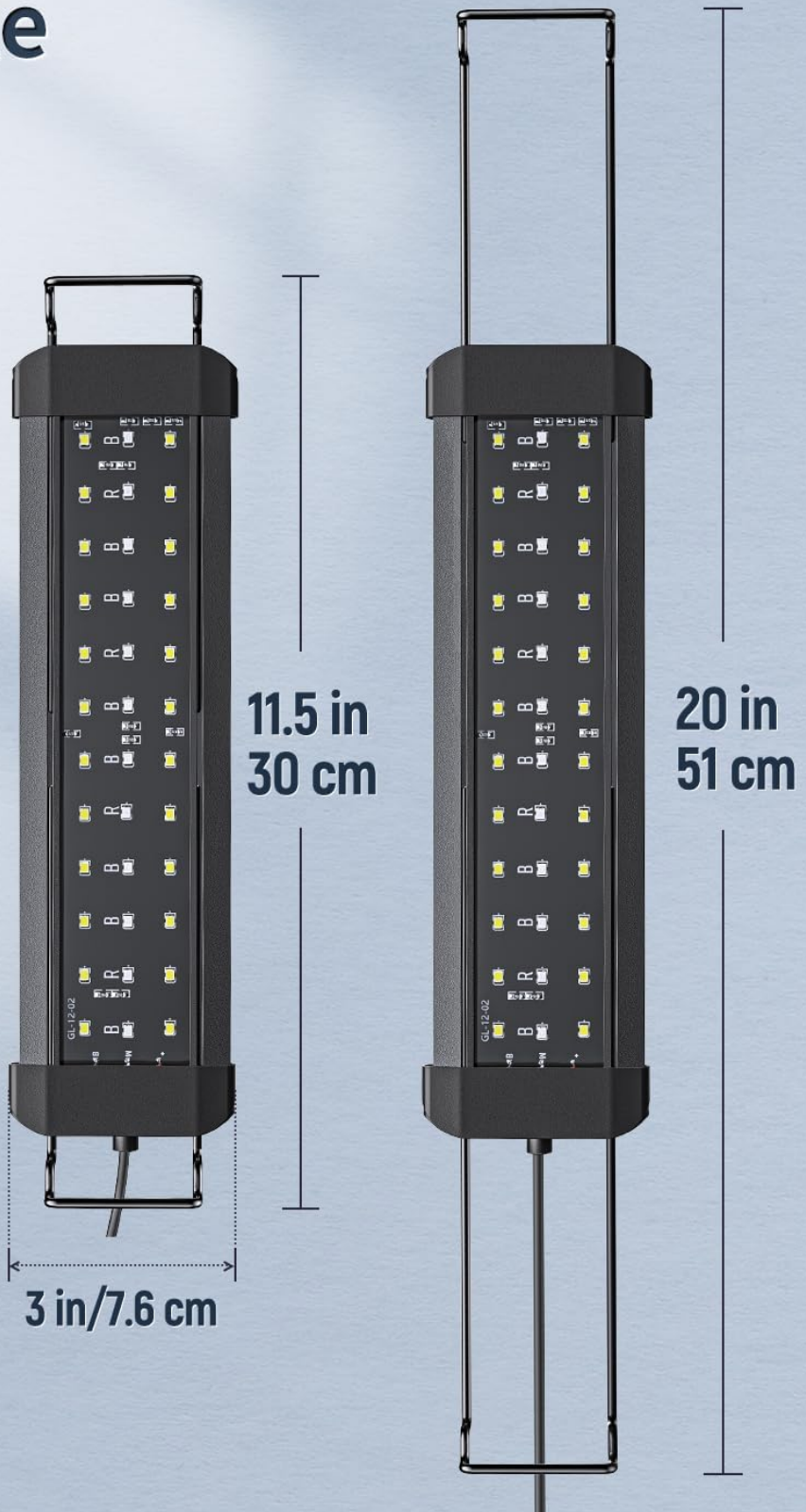


Image: The Pawfly LED Light demonstrating its extendable design, suitable for 12 to 18-inch tanks. Specifications include LUX: 2500, PAR: 55, CRI: 90, Power: 9 W. Dimensions shown are 11.5 in (30 cm) extending to 20 in (51 cm) with a width of 3 in (7.6 cm).

Sturdy Metal Bracket

Stably support the lighting panel without bending



Telescopic



Detachable



Heavy-duty

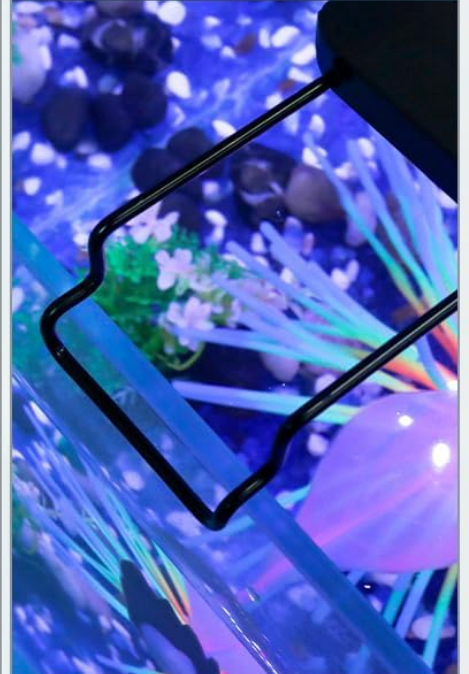


Image: The Pawfly LED Light featuring its sturdy metal bracket, which is telescopic, detachable, and heavy-duty, providing stable support for the lighting panel.

OPERATING INSTRUCTIONS

Air Pump Operation:

Once connected to power, the air pump will begin to operate, providing a steady stream of air bubbles to your aquarium.

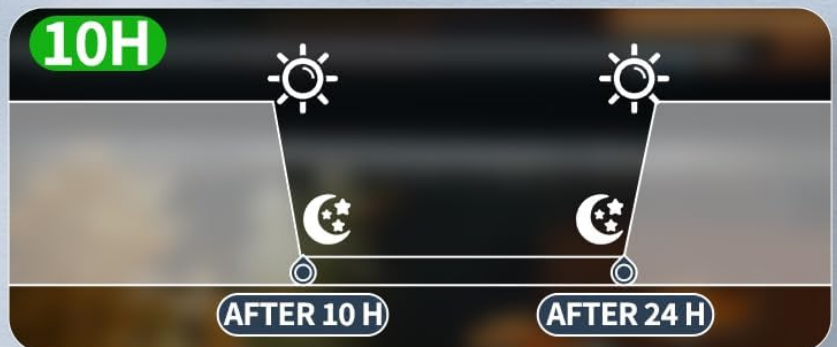
The dual outlet ports allow for running two air stones or filters simultaneously.

Auto On/Off

Customize the most suitable lighting time for your fish



Only work within the first 8 h of a 24-hour period



Only work within the first 10 h of a 24-hour period



Only work within the first 12 h of a 24-hour period

Image: The Pawfly Air Pump highlighting its dual outlet ports, ideal for running two air stones or filters at the same time.

LED Light Operation:

The LED light features a controller for customizing lighting time and modes. It offers full spectrum lighting with 6500K white, 450nm blue, and 660nm red light.

- **Power Button:** Press to turn the light On/Off.
- **Mode Button (M):** Cycle through different lighting modes (e.g., white, blue, red, or mixed spectrum).
- **Timer Button:** Set the automatic on/off timer for 8, 10, or 12 hours. The light will operate for the set duration within a 24-hour period.
- **Brightness Adjustment:** Use the up/down arrows to adjust light intensity.



6.5 ft. Standard Tubing



Flexible, durable
and kink-resistant
for constant use

Dual Outlet Ports



Ideal for running
2 air stones or filters
at the same time



Image: The Pawfly LED Light controller, illustrating the auto on/off timer settings for 8H, 10H, and 12H. The light operates for the set duration within a 24-hour cycle.

MAINTENANCE

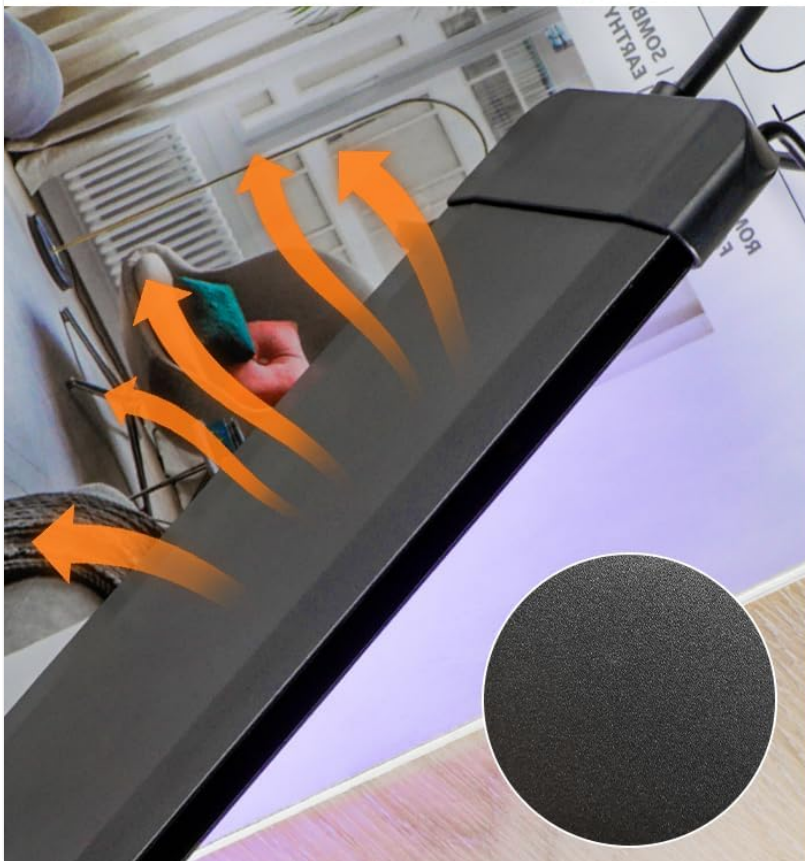
- **Air Stones:** Periodically check air stones for clogging. If bubbles decrease, clean or replace the air stones to maintain optimal airflow.
- **Airline Tubing:** Inspect tubing for kinks or damage. Replace if necessary to ensure uninterrupted air supply.
- **LED Light:** Wipe the LED light fixture with a soft, damp cloth to remove water spots or algae. Ensure the light is unplugged before cleaning. The light is IP67 waterproof, designed to resist water vapor and droplets, but should not be submerged.
- **Air Pump:** The air pump requires minimal maintenance. Ensure its air intake is clear of obstructions. Do not submerge the air pump in water.

IP67 Waterproof

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Effectively keep out water vapor and droplets

(Do not submerge it in the water)



Solid Aluminum Shell

=

Fast heat dissipation
& resistance
to impact

Image: The Pawfly LED Light showcasing its IP67 waterproof rating, effectively keeping out water vapor and droplets (not for submersion), and its solid aluminum shell for fast heat dissipation and impact resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Air pump not producing bubbles or weak airflow.	<ul style="list-style-type: none"> Power not connected. Kinked or blocked airline tubing. Clogged air stone. Air pump placed below water level without check valve. 	<ul style="list-style-type: none"> Ensure power adapter is securely plugged in. Straighten tubing or clear obstruction. Clean or replace air stone. Install a check valve or reposition pump above water level.
LED light not turning on.	<ul style="list-style-type: none"> Power not connected. Timer setting. 	<ul style="list-style-type: none"> Ensure power adapter is securely plugged in. Check timer settings and adjust as needed.
LED light flickering or dim.	<ul style="list-style-type: none"> Loose connection. Dirt or water spots on LEDs. 	<ul style="list-style-type: none"> Check all connections. Clean the LED surface with a soft, dry cloth.

SPECIFICATIONS

Feature	Detail
Brand	Pawfly
Model	B0DBCCFFZJ
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Corded Electric
Air Pump Max Air Flow Rate	50 GPH (Gallons per Hour)
Air Pump Pressure	0.013 MPa (1.89 PSI)
Air Pump Power	1.25 W
Air Pump Noise Level	< 30 dB
Hose Length	6.5 Feet (3/16" ID)
LED Light Spectrum	6500 K White, 450 nm Blue, 660 nm Red
LED Light LUX	2500
LED Light PAR	55

Feature	Detail
LED Light CRI	90
LED Light Power	9 W
LED Light Tank Compatibility	12 to 18 inches long
LED Light Waterproof Rating	IP67 (Do not submerge)

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Pawfly customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can also visit the official Pawfly store on Amazon for more information and support resources:

[Visit the Pawfly Store](#)

