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› [EasBriight Submersible Water Pump CH-030 Instruction Manual](#)

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EasBriight Submersible Water Pump CH-030 Instruction Manual

Model: CH-030

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your EasBriight Submersible Water Pump, model CH-030. This high-performance pump is designed for various applications including fish tanks, aquariums, ponds, fountains, waterfalls, and hydroponic systems. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.



Figure 1: EasBright Submersible Water Pump CH-030, showing the pump unit, power cord, 5ft tubing, and three nozzle adapters.

2. KEY FEATURES

- **High Performance:** Equipped with a pure copper motor for enhanced efficiency and reliability.
- **Adjustable Flow Rate:** Features an adjustable knob for precise water flow control.
- **Quiet Operation:** Operates at under 20 decibels, suitable for environments requiring minimal noise.
- **Versatile Nozzles:** Includes three different nozzle sizes (0.51", 0.62", 0.75") to suit various applications.
- **Easy Maintenance:** Designed for tool-free disassembly and cleaning.
- **Compact Design:** Dimensions of 3.6 x 2.4 x 2.8 inches for easy placement.

HIGH-TECH GREEN ENVIRONMENT



**Adjustable
Water Flow Rate**



**Max Flow Rate
2000L/H(550GPH)**



**Max Lift Height
7.2ft(2.2m)**



**HQ Motor &
Energy Saving**



Figure 2: Overview of the pump's key performance features, including adjustable water flow, maximum flow rate of 550 GPH (2000 L/H), maximum lift height of 7.2 ft (2.2m), and an energy-saving motor.

3. SETUP AND INSTALLATION

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the pump and accessories for any signs of damage. If any damage is found, do not proceed with installation and contact customer support.

3.2 Component Identification

- Submersible Water Pump Unit
- Power Cord (6.5 ft)
- Tubing (5 ft)
- Nozzle Adapters (0.51", 0.62", 0.75")

DELICATE HIGH FUNCTION



5Ft hose Free For You



6Ft Power Cord



Figure 3: The pump unit displaying its dimensions (3.6" x 2.4" x 2.8"), the included 5ft hose, 6ft power cord, and the three interchangeable nozzle adapters (0.51", 0.62", 0.75").

3.3 Installation Steps

1. **Choose Nozzle:** Select the appropriate nozzle adapter based on your application's flow requirements. Attach it securely to the pump's water outlet.
2. **Connect Tubing:** Connect the provided 5ft tubing (or your own compatible tubing) to the chosen nozzle adapter. Ensure a tight fit to prevent leaks.
3. **Placement:** Place the pump completely submerged in water. The pump is equipped with suction cups on its base for stable placement on smooth surfaces within your tank, pond, or fountain.
4. **Power Connection:** Ensure your hands are dry. Plug the 6.5 ft power cord into a suitable electrical outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for safety.
5. **Adjust Flow:** Once powered, the pump will begin operating. Use the adjustable knob on the front of the pump to regulate the water flow rate as desired.

Important Safety Note: Always ensure the pump is fully submerged in water before connecting it to power. Operating the pump dry can cause damage and void the warranty.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To turn the pump on, plug the power cord into a suitable electrical outlet.
- To turn the pump off, unplug the power cord from the electrical outlet.

4.2 Adjusting Water Flow

The EasBright CH-030 pump features an adjustable flow rate. Locate the knob on the front of the pump. Rotate the knob to increase or decrease the water flow to meet your specific needs.

4.3 Quiet Operation

This pump is designed for ultra-quiet operation, producing less than 20 decibels of sound. This ensures a peaceful environment for your aquatic pets and surroundings.

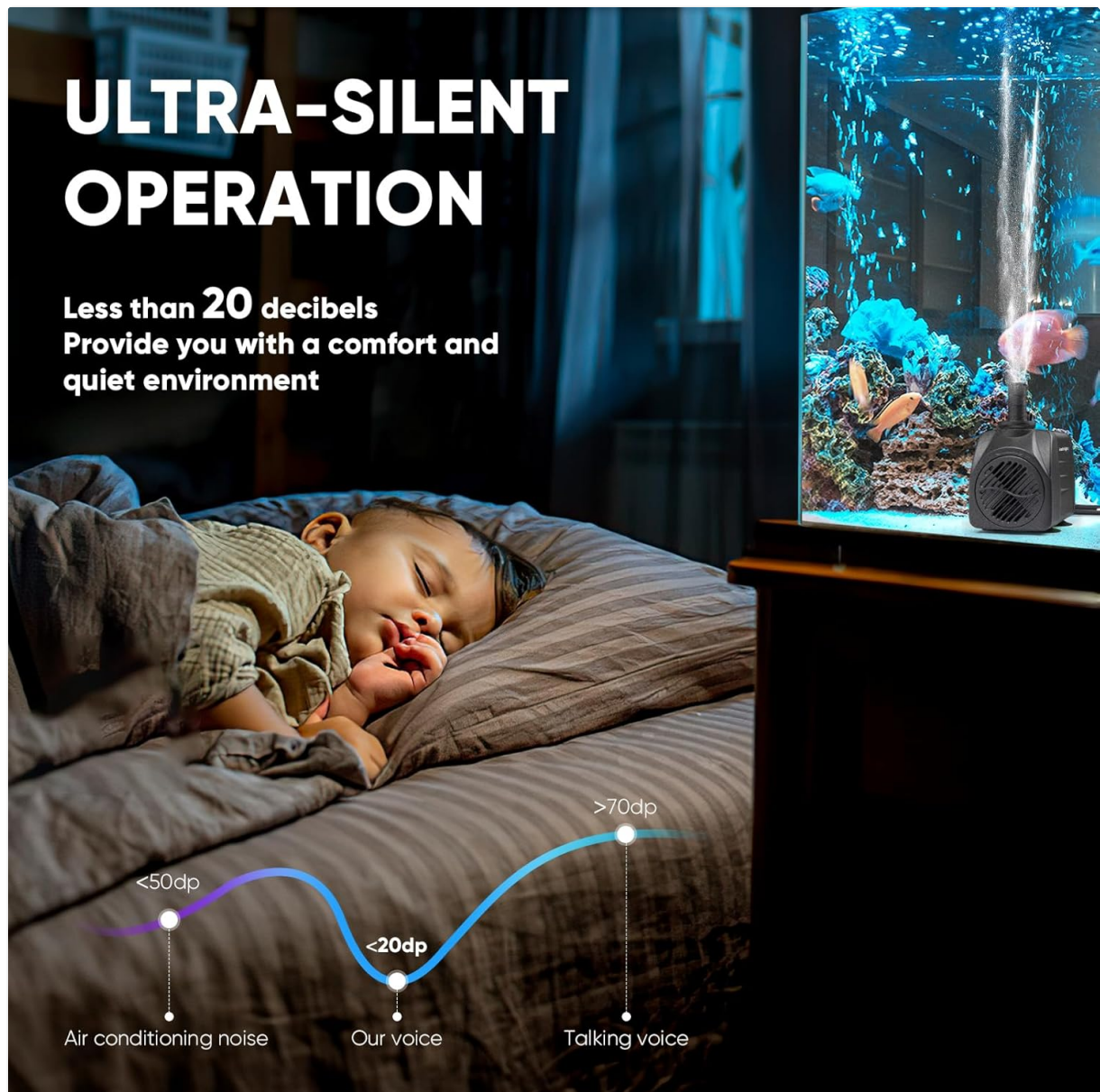


Figure 4: The EasBright pump operating in an aquarium, demonstrating its ultra-silent operation (less than 20 decibels) which contributes to a quiet and comfortable environment.

5. MAINTENANCE AND CLEANING

Regular cleaning of your EasBright pump is essential to maintain its performance and extend its lifespan. The pump features a tool-free design for easy disassembly.

5.1 Cleaning Steps

1. **Disconnect Power:** Always unplug the pump from the electrical outlet before performing any maintenance.
2. **Remove from Water:** Carefully remove the pump from its submerged location.
3. **Disassemble:**
 - Remove the filter cover by gently prying it off.
 - Remove the outlet nozzle.
 - Carefully remove the front plate and then the impeller.
4. **Clean Components:** Rinse all removed parts (filter cover, outlet nozzle, front plate, impeller) under clean water. Use a small brush or cotton swab to remove any debris, algae, or mineral buildup from the impeller and its housing.
5. **Reassemble:** Reassemble the pump in reverse order, ensuring all parts are securely fitted.
6. **Test:** Place the pump back into the water, ensuring it is fully submerged, and then plug it in to test its operation.



Figure 5: An exploded diagram illustrating the internal components of the pump, including the water outlet, impeller, front plate, pump shaft, regulating flow valve, filter cover, outlet nozzle, and motor. This view aids in understanding the disassembly process for cleaning.

Caution: Do not attempt to disassemble the pump shaft or the motor unit. This can damage the pump and void the warranty.

6. TROUBLESHOOTING

If you encounter issues with your EasBright submersible pump, refer to the following troubleshooting guide.

Problem	Possible Cause	Solution
Pump does not start or operate.	<ul style="list-style-type: none">• No power supply.• Impeller jammed by debris.• Motor failure.	<ul style="list-style-type: none">• Check power connection and outlet.• Unplug, disassemble, and clean the impeller and housing.• Contact customer support if motor failure is suspected.
Reduced water flow.	<ul style="list-style-type: none">• Clogged intake or impeller.• Flow rate adjustment knob set too low.• Tubing kinked or obstructed.	<ul style="list-style-type: none">• Unplug and clean the pump's intake and impeller.• Adjust the flow rate knob to a higher setting.• Inspect tubing for kinks or blockages.
Pump is noisy.	<ul style="list-style-type: none">• Debris in impeller.• Pump not fully submerged.• Vibration against hard surface.	<ul style="list-style-type: none">• Unplug and clean the impeller.• Ensure pump is completely underwater.• Reposition pump or place on a soft mat to reduce vibration.

If the problem persists after following these steps, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	CH-030
Brand	EasBriight
Max Flow Rate	550 GPH (2000 L/H)
Max Lift Height	7.2 ft (2.2 m)
Power	30 Watts
Voltage	110 Volts (AC)
Power Cord Length	6.5 ft
Tubing Length (Included)	5 ft
Nozzle Sizes	0.51", 0.62", 0.75"
Dimensions (L x W x H)	3.6 x 2.4 x 2.8 inches (9.14 x 6.1 x 7.11 cm)
Weight	670 g (0.67 kg)
Material	Plastic
Operating Noise Level	Under 20 decibels

MULTI-SCENARIO USE



Figure 6: The EasBright pump is suitable for multi-scenario use, including fish tanks, aquariums, ponds, and decorative fountains.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Specific warranty details for the EasBright Submersible Water Pump CH-030 may vary by region and retailer. Please refer to the warranty card included with your product or contact the seller/manufacturer directly for comprehensive warranty terms and conditions. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact EasBright customer support through the retailer where the product was purchased or visit the official EasBright website for contact information.

