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> Blue Thumb Large Mag-Drive 1495 GPH Fountain Pump (Model PB2613) Instruction Manual

Blue Thumb PB2613

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1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Blue Thumb Large Mag-Drive 1495 GPH Fountain Pump, Model PB2613. Please read these instructions thoroughly before using the pump to ensure proper function and longevity.

The Blue Thumb Large Mag-Drive 1495 GPH Fountain Pump is designed for versatile use in both indoor and outdoor water features. Its magnetic drive motor is engineered for energy efficiency, consuming less power compared to many similar pumps. The adjustable flow rate allows for precise control over your water feature's output. Constructed with heavy-duty components, including a removable pre-filter and replaceable ceramic shaft impellers, this pump is built for durability and reliable performance.



Image 1: The Blue Thumb Large Mag-Drive 1495 GPH Fountain Pump. This image displays the pump unit with its outlet nozzle and suction cups on the base.

2. KEY FEATURES

- **Indoor/Outdoor Water Feature Pump:** Capable of both inline and submerged operation, suitable for a variety of water installations.
- **Energy Efficient Mag-Drive Motor:** Utilizes a magnetic drive motor for reduced power consumption compared to conventional pumps.
- **Adjustable Flow Rate:** Allows for easy fine-tuning of water output to achieve desired effects in your water feature.
- **Heavy Duty Construction:** Equipped with a removable pre-filter, replaceable ceramic shaft impellers, and durable power cords for extended service life.

3. SPECIFICATIONS

Brand	Blue Thumb
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Model Number	PB2613
Flow Rate	1495 GPH (Gallons Per Hour)
Power Source	AC/DC
Item Weight	3 Pounds
Material	Plastic
Style	Submersible
Included Components	Pump & accessories
UPC	852366002613



Image 2: Comparison of Blue Thumb Mag-Drive pumps, showing Mini, Small, Medium, and Large sizes. The Large model (PB2613) is on the far right, illustrating its relative size and hose connection options.

4. SETUP

4.1 Unpacking and Inspection

- Carefully remove the pump and all accessories from the packaging.
- Inspect the pump for any signs of damage that may have occurred during shipping. Do not operate a damaged pump.
- Ensure all included components (pump, pre-filter, hose adapters) are present.

4.2 Hose Connection

The pump comes with multi-size hose adapters to accommodate various tubing diameters. Select the appropriate adapter for your application.

- Attach the desired hose adapter to the pump's outlet.
- Connect your tubing to the adapter. Ensure a secure, watertight connection. Hose clamps (not included) may be necessary for larger tubing sizes to prevent leaks.



Large



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Ponds / Waterfalls / Fountains

Image 3: Close-up of the Blue Thumb Large Mag-Drive Pump's outlet, showing indicators for 3/4", 1", and 1 1/4" hose connections. This illustrates the multi-size hose adapter.

4.3 Placement

This pump can be used either submerged or inline.

- **Submerged Use:** Place the pump directly into the water feature, ensuring it is fully submerged and resting on a stable, level surface. The suction cups on the base can help secure it. Ensure the pump is positioned away from heavy debris accumulation.
- **Inline Use:** For inline applications, the pump must be installed below the water level to ensure it is gravity-fed and does not run dry. Connect appropriate plumbing to both the inlet and outlet of the pump.

4.4 Electrical Connection

Connect the pump's power cord to a properly grounded electrical outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for safety, especially in outdoor or wet environments. Do not modify the power cord or plug.

5. OPERATING INSTRUCTIONS

5.1 Initial Start-up

- Before plugging in, ensure the pump is correctly installed and, if submerged, fully covered by water.
- Plug the pump into the GFCI-protected electrical outlet. The pump should start immediately.
- Observe the water flow to ensure it is consistent and free of air bubbles, which may indicate an airlock or insufficient water.

5.2 Adjusting Flow Rate

The Blue Thumb Mag-Drive pump features an adjustable flow rate. Locate the flow control lever or dial on the pump's intake side. Rotate or slide this control to increase or decrease the water flow as desired for your fountain or waterfall effect.

5.3 Continuous Operation

The pump is designed for continuous operation. However, regularly check the water level in your feature to ensure the pump remains submerged (if applicable) and does not run dry, which can cause damage.

6. MAINTENANCE

Regular maintenance will extend the life of your pump and ensure optimal performance.

6.1 Cleaning the Pre-Filter

- **Frequency:** Clean the pre-filter regularly, especially if you notice a decrease in water flow.
- **Procedure:** Unplug the pump from the power source. Remove the pump from the water. The pre-filter housing can be detached (often by twisting or unclipping). Rinse the pre-filter thoroughly with clean water to remove any accumulated debris, leaves, or algae. Reattach the pre-filter securely.

6.2 Impeller and Housing Cleaning

- **Frequency:** Periodically inspect the impeller and its housing for blockages or mineral buildup.
- **Procedure:** After removing the pre-filter, you may need to remove the impeller cover (usually by unscrewing or prying gently) to access the impeller. Carefully remove the impeller and clean any debris, scale, or mineral deposits from the impeller and the inside of the pump housing. Use a soft brush and clean water. The ceramic shaft impellers are replaceable if damaged.



Image 4: An illustration of the Blue Thumb Large Mag-Drive Pump, providing a visual reference for the pump's structure and where the pre-filter and impeller might be located for maintenance.

6.3 Winterization (for Outdoor Use)

In regions where temperatures drop below freezing, it is crucial to winterize your pump to prevent damage.

- Disconnect the pump from power.
- Remove the pump from the water feature.
- Clean the pump thoroughly as described above.
- Store the pump in a frost-free location, preferably submerged in a bucket of water to keep seals moist, or ensure it is completely dry.

7. TROUBLESHOOTING

If your pump is not operating correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Pump does not start or run	No power; GFCI tripped; Impeller jammed; Airlock	Check power connection and GFCI. Unplug, remove pump, inspect impeller for debris. For airlock, ensure pump is fully submerged and gently shake to release trapped air.
Low water flow	Clogged pre-filter; Clogged impeller; Kinked tubing; Flow rate adjusted too low	Clean pre-filter. Inspect and clean impeller. Check tubing for obstructions. Adjust flow control to increase output.
Pump is noisy	Debris in impeller; Pump not stable; Running dry	Unplug and clean impeller. Ensure pump is on a stable surface. Verify pump is fully submerged (if applicable).
Pump stops intermittently	Overheating (due to low water or blockage); Electrical issue	Check water level and for blockages. Allow pump to cool. If problem persists, consult an electrician.

If troubleshooting steps do not resolve the issue, please contact Blue Thumb customer support.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Blue Thumb Large Mag-Drive 1495 GPH Fountain Pump (Model PB2613) is covered by a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, neglect, unauthorized repairs, or natural disasters.

Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or to order replacement parts, please contact Blue Thumb customer support. Refer to the official Blue Thumb website or product packaging for current contact information.

When contacting support, please have your pump's model number (PB2613) and date of purchase readily available.