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> [Boxtech Submersible Water Pump 15W - 265 GPH - 3.28 Ft High Lift Instruction Manual](#)

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Boxtech Submersible Water Pump Instruction Manual

Model: 15W - 265 GPH - 3.28 Ft High Lift

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Boxtech Submersible Water Pump. Please read these instructions thoroughly before use and retain them for future reference.

The Boxtech submersible water pump is designed for various applications including aquariums, fish tanks, sump tanks, fountains, ponds, hydroponic systems, waterfalls, garden statuary, and other water features. It offers multi-functional capabilities for water addition, water changes, circulation, and debris removal.



Image 1: Overview of the Boxtech Submersible Water Pump highlighting its multifunctional and amphibious capabilities.

2. SAFETY INFORMATION

- Always disconnect the power supply before handling, installing, or performing maintenance on the pump.
- Ensure the pump is completely submerged in water when operating in submersible mode to prevent overheating.
- Do not operate the pump if the power cord or plug is damaged.
- This pump is designed for use with 110 Volts (AC) power. Verify your power source matches this requirement.
- Keep children and pets away from the pump and water features during operation.
- Avoid lifting the pump by its power cord.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- 1 x Boxtech Submersible Water Pump (15W)
- 3 x Outlet Nozzles (0.51", 0.63", 0.75" diameter)
- 1 x Inlet Nozzle (0.75" diameter)

Note: Hoses are not included and must be purchased separately.



Image 2: Included outlet nozzles of different sizes for varied water flow requirements.

4. PRODUCT FEATURES

- **Multi-functional Design:** Capable of adding water, changing water, circulating water, and removing fish waste.
- **Amphibious Use:** Can be operated fully submerged or in a land-based setup.
- **Adjustable Flow Rate:** Features an adjusting knob to control water volume.
- **Quiet Operation:** Designed for ultra-quiet performance with low power consumption.
- **Durable Construction:** Equipped with a ceramic shaft for long service life and wear resistance.
- **High Lift Capability:** Max lift height up to 3.28 feet (1.5 meters).
- **High Flow Rate:** Maximum flow rate of 265 GPH (1000 L/H).

5. SPECIFICATIONS

Specification	Value
Brand	Boxtech
Model Number	15w - 265GPH - 3.28Ft High Lift
Power	15 Watts
Voltage	110 Volts (AC)
Maximum Flow Rate	265 GPH (1000 Liters Per Hour)
Maximum Lifting Height	3.28 Feet (1.5 Meters)
Outlet Nozzle Sizes	0.51", 0.63", 0.75"
Inlet Nozzle Size	0.75"
Power Cord Length	4.6 Feet
Material	Plastic
Item Weight	1.54 pounds (700 Grams)



Model	Power	Head	F.Max	Outlet/Inlet	Thread Length	Size
BT-P01	15W	3.28Ft (1.5M)	265GPH (1000L/H)	Φ0.51/0.62/0.74IN Φ 0.74IN	55IN	4.5×2.5×3.1IN
BT-P02	25W	6.56Ft (2M)	397GPH (1500L/H)	Φ0.51/0.62/0.74IN Φ 0.74IN	55IN	4.5×2.5×3.1IN
BT-P04	45W	9.84Ft (3M)	660GPH (2500L/H)	Φ0.62/0.74/0.86IN Φ 0.86IN	74IN	5.5×2.9×3.7IN
BT-P05	55W	11.48Ft (3.5M)	925GPH (3500L/H)	Φ0.62/0.74/0.86IN Φ 0.86IN	73IN	5.7×3.2×4.1IN

Image 3: Detailed specifications for various Boxtech pump models, including the 15W version.

6. SETUP AND INSTALLATION

6.1. Submersible Mode (Diving Mode)

1. **Attach Nozzle:** Select the appropriate outlet nozzle for your desired flow and attach it securely to the pump's outlet.
2. **Position Pump:** Place the pump completely into the water. Ensure the pump is fully submerged before connecting to power.
3. **Connect Power:** Plug the pump into a suitable 110V AC power outlet.

The pump supports both bottom suction mode (to prevent fish absorption) and side suction mode.



Image 4: Illustration of the pump operating in both bottom suction and side suction submersible modes.

6.2. Land Use Mode

1. **Attach Hoses:** Connect two hoses: one to the inlet nozzle and one to the outlet nozzle. Ensure connections are secure to prevent leaks.
2. **Position Pump:** Place the pump on a stable, dry surface near the water source.
3. **Prime Pump:** When using in land mode, ensure the pump is primed (filled with water) before connecting power to prevent dry running.
4. **Connect Power:** Plug the pump into a suitable 110V AC power outlet.

Land use mode

Connect two hoses for use on land.



Image 5: Setup for land use mode, demonstrating hose connections for external operation.

7. OPERATION

1. **Power On:** Once installed and submerged (or primed for land use), connect the pump to the power supply. The pump will begin operating.
2. **Adjust Flow Rate:** The pump features an adjusting knob on the side (for side suction mode) to regulate the water flow. Rotate the knob to increase or decrease the flow as needed.



Image 6: Detail of the pump's internal copper core motor and the external flow regulation knob.

8. MAINTENANCE

Regular cleaning is crucial for maintaining the pump's performance and extending its lifespan.

1. **Disconnect Power:** Always unplug the pump from the power source before any maintenance.
2. **Disassemble:** Carefully remove the inlet cover and impeller cover.
3. **Clean Impeller:** Remove the impeller and clean any debris, algae, or mineral buildup from the impeller and its housing. A small brush can be helpful.
4. **Clean Nozzles:** Ensure all nozzles are free from blockages.
5. **Rinse:** Rinse all components with clean water.
6. **Reassemble:** Reassemble the pump, ensuring all parts are correctly seated and covers are securely fastened.

Note: Debris blockage is a common cause of reduced performance or pump failure. Clean regularly based on your water conditions.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; Impeller jammed; Damaged motor	Check power connection; Clean impeller; Contact support if motor is damaged
Reduced water flow	Clogged inlet/outlet; Dirty impeller; Kinked hose	Clean inlet/outlet and impeller; Straighten hose
Pump is noisy	Debris in impeller; Not fully submerged (submersible mode); Dry running (land mode)	Clean impeller; Ensure full submersion; Prime pump for land use
Pump vibrates excessively	Impeller unbalanced or damaged; Improper seating	Inspect and clean impeller; Ensure all parts are correctly assembled

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Boxttech customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the official Boxttech store online or contact their support channels.