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WinZo Compact Sink Pump WL300B-1 Instruction Manual

Model: WL300B-1

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1. INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your WinZo Compact Sink Pump, Model WL300B-1. Please read this manual thoroughly before use and retain it for future reference.

1.1 Product Overview

The WinZo Compact Sink Pump is designed for efficient waste water disposal in areas without direct gravity drainage, such as basements, utility rooms, or RVs. Its compact size and quiet operation make it suitable for various applications, including kitchen sinks, laundry sinks, showers, bathtubs, washing machines, and bathroom sinks (excluding toilets).

1.2 Package Contents

Verify that all components are present before beginning installation:

- WinZo Compact Sink Pump unit
- Hose clamps (various sizes)
- Inlet adapters
- Outlet adapter
- Mounting screws and anchors
- Instruction Manual (this document)



Figure 1.1: WinZo Compact Sink Pump with all included accessories, such as hose clamps, inlet adapters, and outlet adapter.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in electric shock, fire, serious injury, or property damage.

- Always disconnect power before performing any service or maintenance.
- Ensure the pump is installed in a dry, well-ventilated area.
- Do not immerse the pump in water.
- This pump is designed for waste water disposal only. It is not suitable for potable water.
- **Do not pump strong chemicals or items such as plastic, cardboard, sanitary towels, diapers, hair, tampons, metal objects, stones, building materials, floor cloths, condoms, and similar items.**
- **Do not connect this pump to a toilet.**
- Ensure all electrical connections comply with local codes and regulations.
- The pump operates on 110V-120V/60Hz. Verify your power supply matches these requirements.
- Keep children and unauthorized personnel away from the pump during operation.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	WL300B-1
Power	300 Watts
Voltage	110V-120V / 60Hz
Max Vertical Pumping	Up to 20 feet
Max Horizontal Pumping	Up to 250 feet
Max Flow Rate	22.5 gallons/minute (approx. 1350 GPH)
Noise Level	Low 45 dB
Water Inlets	3 (for kitchen sink, laundry sink, shower, bathtub, washing machine, bathroom sink, AC drainage)
Dimensions (L x W x H)	13.5" x 6.8" x 6.2"
Weight	11 Pounds
Material	Plastic
Waterproof Rating	IP54
Insulation Class	155 (F)

300W Sewage Pump

WinZo

Size:

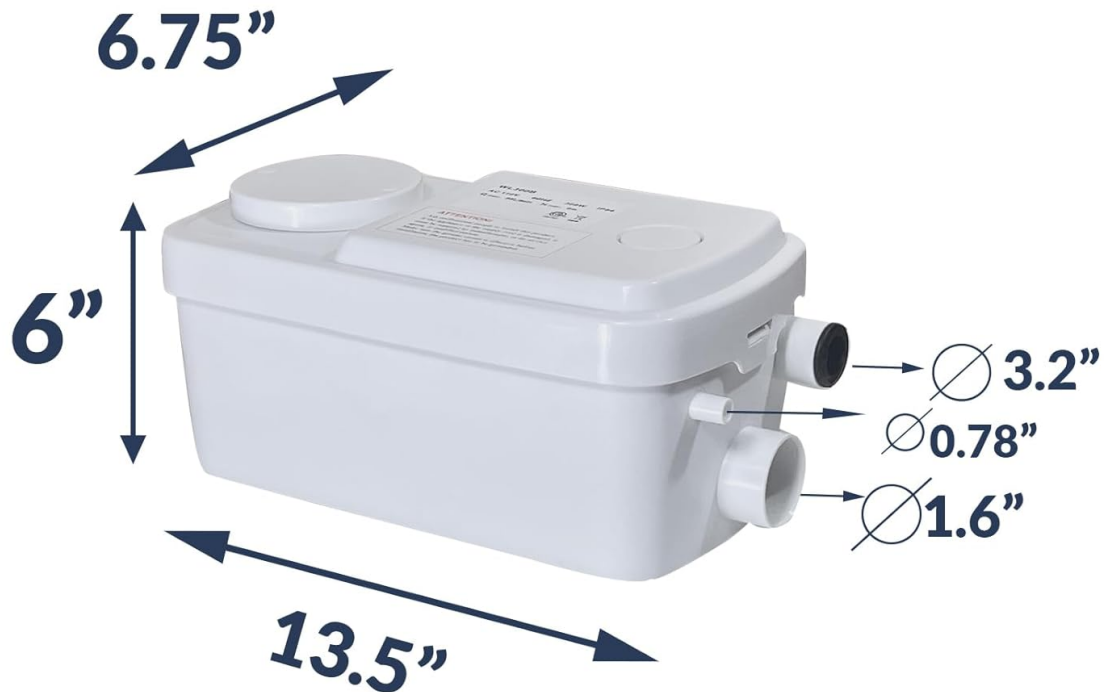


Figure 3.1: Dimensional diagram of the WinZo Compact Sink Pump, indicating length, width, and height, along with inlet/outlet sizes.



Figure 3.2: Illustration of the pump's maximum lift (25ft) and flow rate (1356 GPH), demonstrating its pumping capabilities.

4. SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and longevity. If you are unsure about any step, consult a qualified plumber.

4.1 Placement

- Place the pump on a stable, level surface near the fixtures it will serve.
- Ensure adequate space for ventilation and future maintenance access.
- The pump is designed for under-sink or similar discreet installations.



Figure 4.1: Example installation of the WinZo Compact Sink Pump discreetly placed under a bathroom vanity.

4.2 Connecting Inlets and Outlet

The pump features three water inlets and one outlet. Use the provided adapters and hose clamps to secure connections.

- Connect drainage pipes from your sink, shower, washing machine, or other fixtures to the available inlets.
- Ensure all connections are watertight using the provided clamps.
- Connect the pump's outlet to the discharge pipe, ensuring it leads to an appropriate drainage system.
- The pump is equipped with a vent cap; ensure it is clear and unobstructed.

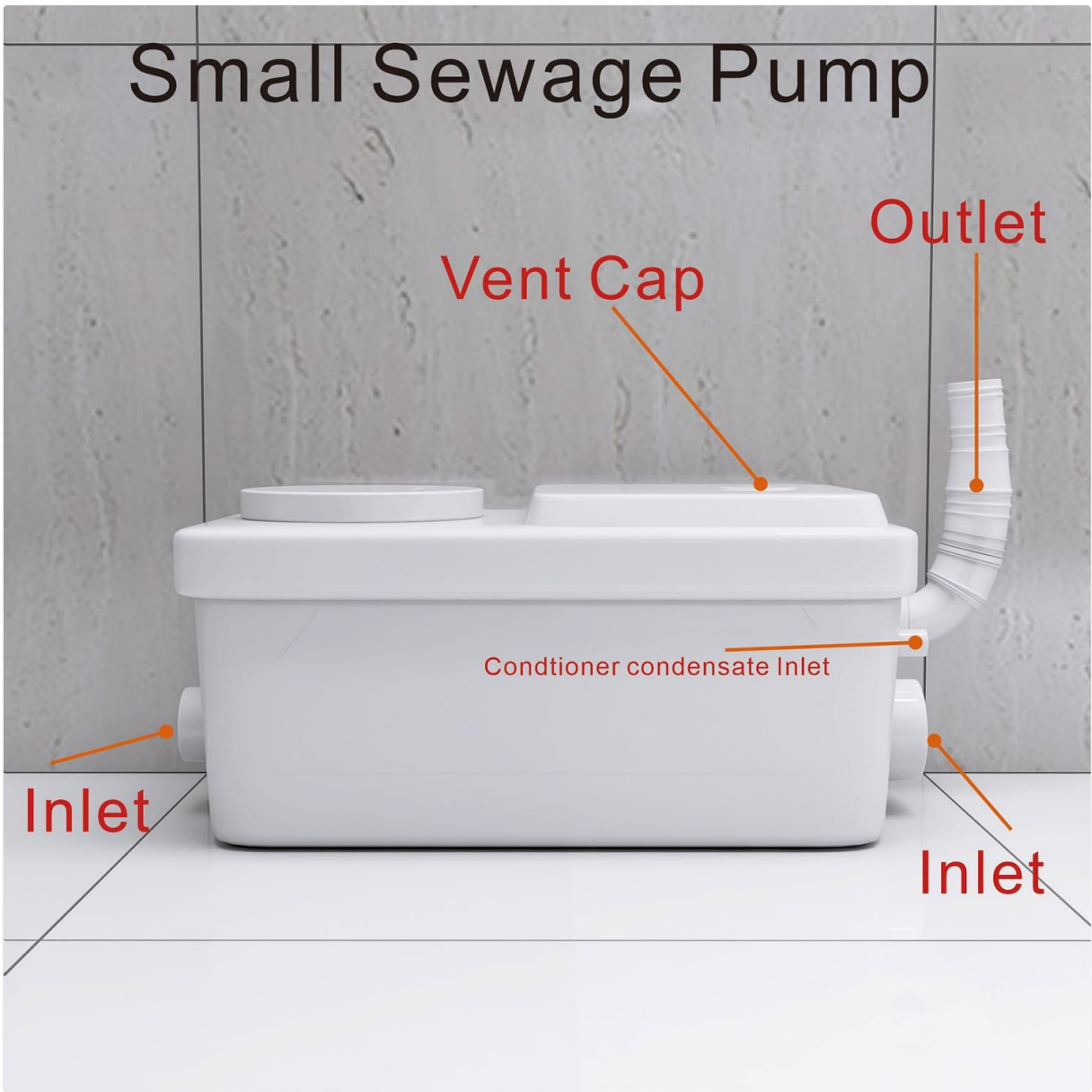


Figure 4.2: Diagram highlighting the inlet ports, outlet, and vent cap on the WinZo Compact Sink Pump for proper connection identification.

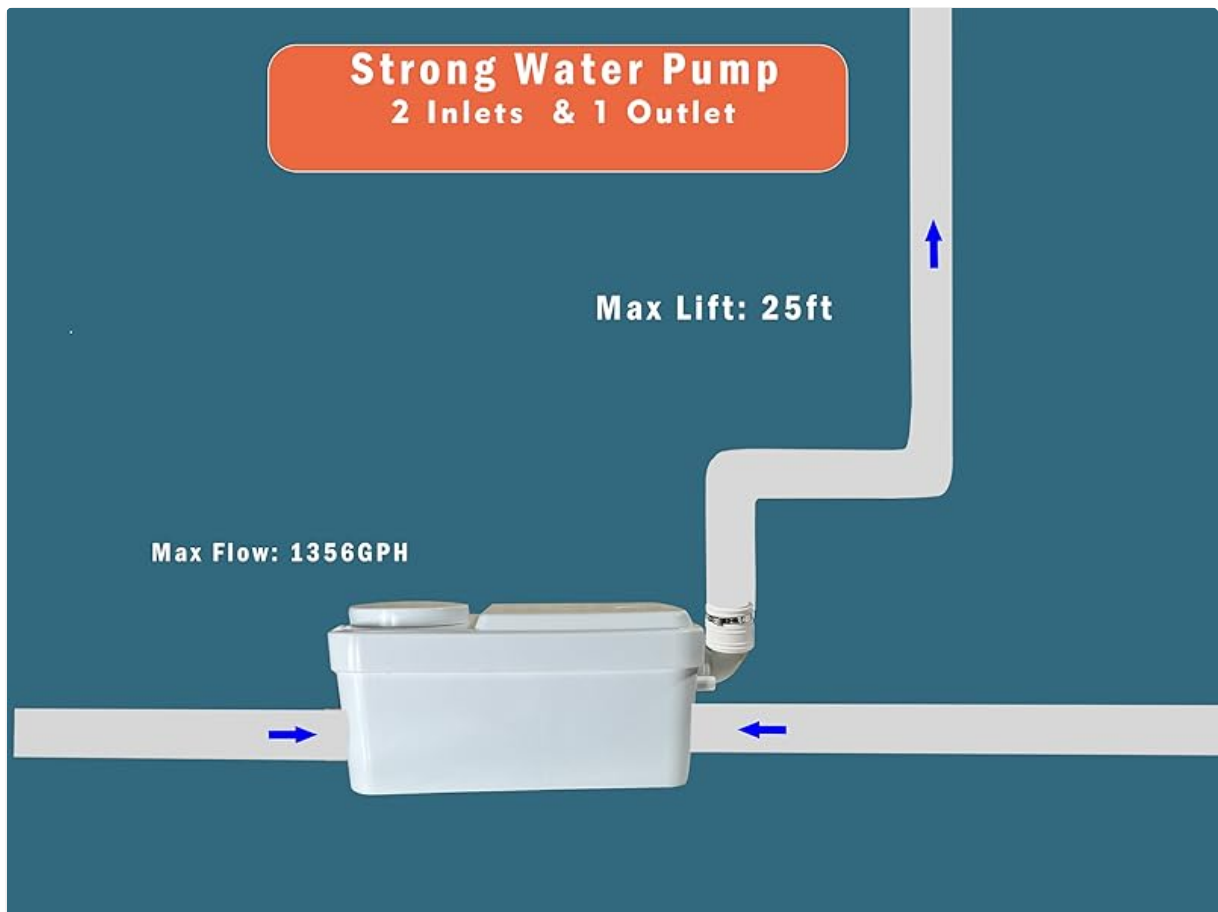


Figure 4.3: Illustration demonstrating multiple connection possibilities for the pump, including washing machines, bathroom sinks, kitchen sinks, shower rooms, urinals, and bathtubs.

4.3 Electrical Connection

- Connect the pump to a grounded 110V-120V/60Hz electrical outlet.
- Ensure the circuit is protected by a Ground Fault Circuit Interrupter (GFCI) for safety.
- Do not use extension cords.

5. OPERATING INSTRUCTIONS

The WinZo Compact Sink Pump operates automatically when water enters the unit.

- Once installed and connected to power, the pump will activate when the water level inside reaches a predetermined threshold.
- The 300W motor will then pump the waste water through the discharge pipe.
- The pump is designed for quiet operation, with a noise level of approximately 45 dB.
- After pumping, the unit will automatically shut off when the water level drops.

IMPORTANT: Regularly check for any leaks or unusual noises during initial operation and periodically thereafter.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your pump.

6.1 Routine Checks

- **Monthly:** Inspect all connections for leaks. Check the discharge pipe for any obstructions.
- **Quarterly:** Verify the vent cap is clear and free of debris.
- **Annually:** For systems with an activated carbon module, replace it to ensure odor-free performance.

6.2 Cleaning

- **Always disconnect power before cleaning.**
- Clean the exterior of the pump with a damp cloth. Avoid abrasive cleaners.
- Do not use harsh chemicals inside the pump, as this can damage internal components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Pump does not start	No power; Clogged inlet/outlet; Float switch malfunction.	Check power connection and GFCI. Inspect for blockages. Contact support if float switch is suspected.
Pump runs continuously	Float switch stuck; Continuous water inflow; Backflow.	Check float switch for obstructions. Verify no constant water source. Ensure check valve is functioning.
Reduced pumping efficiency	Partial blockage; Worn impeller; Excessive vertical lift.	Inspect and clear blockages. Review installation for proper lift. Contact support for internal component issues.
Unusual noise or vibration	Debris in pump; Loose mounting; Motor issue.	Disconnect power and inspect for debris. Ensure pump is securely mounted. Contact support if motor noise persists.
Odor emission	Activated carbon module needs replacement; Stagnant water.	Replace activated carbon module (if applicable). Ensure regular water flow through the system.

8. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical assistance, or to purchase replacement parts, please contact WinZo customer support.

Refer to your purchase documentation or the WinZo official website for the most current contact details.

When contacting support, please have your model number (WL300B-1) and purchase date available.