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Beflog BW1000A

Beflog Bottled Water Dispenser Pump System BW1000A Instruction Manual

Model: BW1000A | Brand: Beflog

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Beflog Bottled Water Dispenser Pump System, Model BW1000A. This 110V AC pump system is designed to deliver water under pressure from a commercial 5-gallon water jug to various appliances such as refrigerators, coffee/tea machines, water dispensers, and ice makers, providing on-demand water supply.

Important Safety Information

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply matches the product's specifications (110V AC).
- Do not immerse the pump or power cord in water or other liquids.
- Always unplug the pump system before cleaning, maintenance, or when changing water bottles.
- Keep children and pets away from the pump system during operation.
- Install the pump in a dry, well-ventilated area, away from direct sunlight or heat sources.
- Use only with commercial 5-gallon water jugs.
- The pump system is equipped with an automatic shut-off feature when the bottle is empty to prevent dry running.

Product Overview and Components

The Beflog Bottled Water Dispenser Pump System BW1000A includes the following main components:

- Pump Module with On/Off Rocker Switch
- Power Cord (6 ft) with US Plug
- 20 Feet of 1/4 inch Discharge Tube
- Suction Wand and Hose Assembly
- Various fittings and mounting hardware

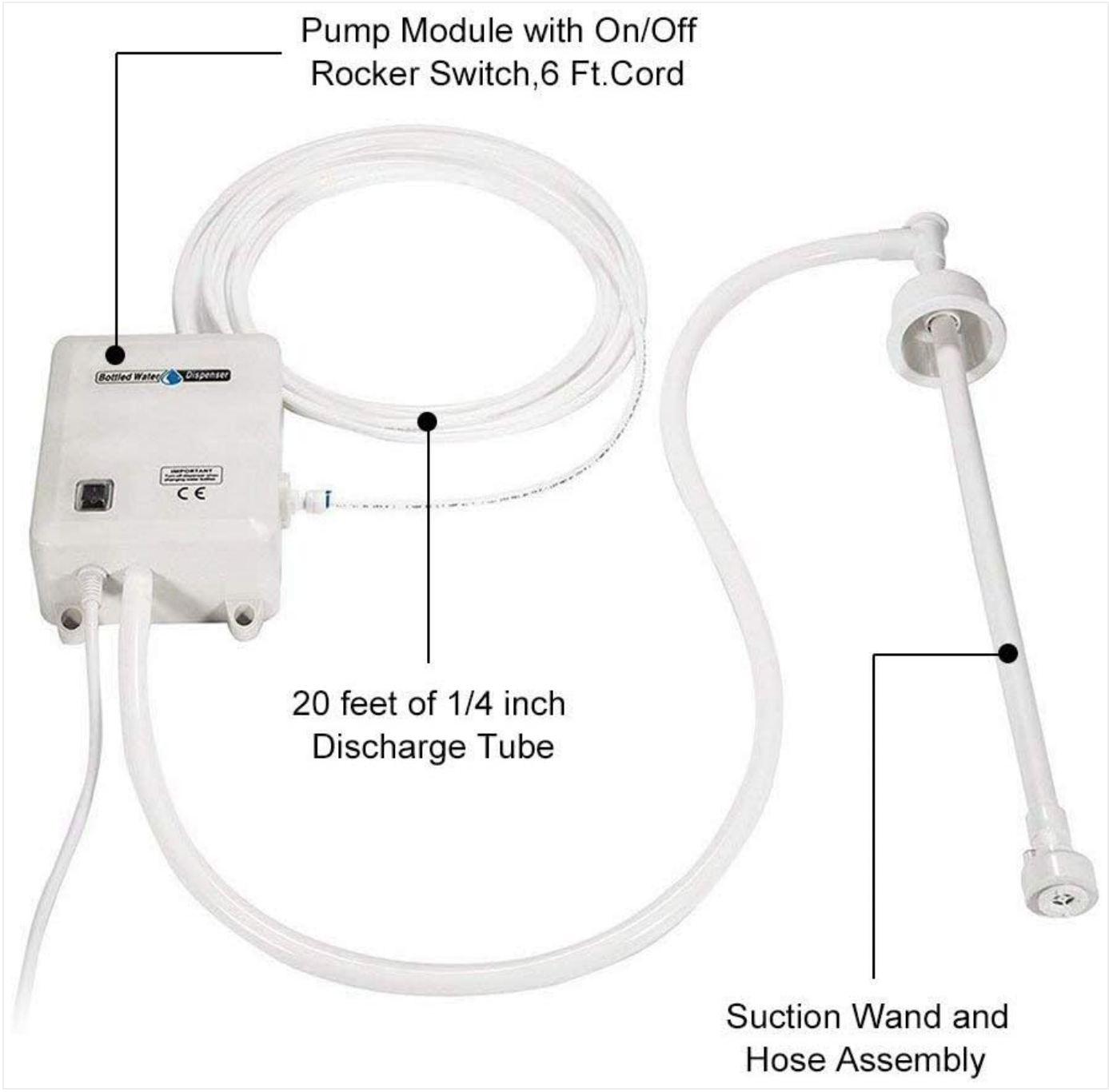


Figure 1: Key components of the pump system, including the pump module, discharge tube, and suction wand assembly.



Figure 2: The complete pump system connected to a 5-gallon water bottle, illustrating the main unit, tubing, and bottle probe.



Figure 3: Detail of the pump module, highlighting the illuminated On/Off rocker switch and the standard US plug for power connection.

Setup and Installation

The Beflog pump system is designed for easy installation. Follow these steps to set up your water dispensing system:

1. **Mount the Pump Module:** Choose a suitable location for the pump module, ideally near your water source and appliance. The unit can be wall-mounted using the provided screws. Ensure it is in a dry, accessible area.
2. **Prepare the Water Bottle:** Place a commercial 5-gallon water jug in a stable position. Insert the suction wand and hose assembly into the water bottle. Ensure the cap on the suction wand creates a secure seal with the bottle opening.
3. **Connect the Discharge Tube:** Connect one end of the 1/4 inch discharge tube to the outlet port of the pump module. Connect the other end of the discharge tube to the water inlet of your appliance (e.g., refrigerator, coffee machine). Ensure all connections are secure to prevent leaks.
4. **Connect Power:** Plug the 6-foot power cord into a standard 110V AC US electrical outlet.
5. **Initial Priming:** Before first use, ensure all connections are tight. Turn on the pump using the illuminated On/Off switch.

Allow the pump to run until water flows consistently through your appliance, indicating the system is primed.

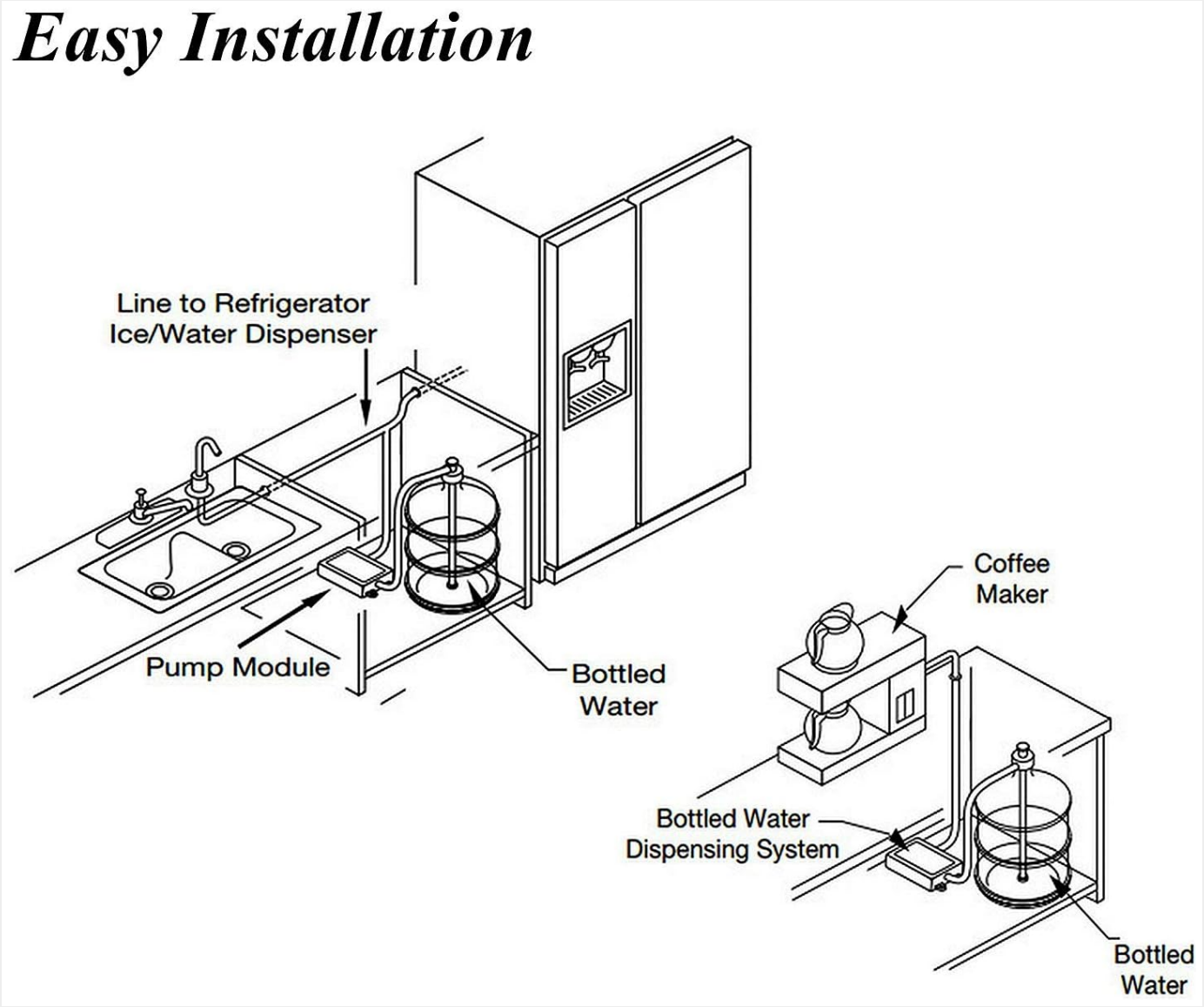


Figure 4: Example installation diagrams for connecting the pump system to a refrigerator's ice/water dispenser and a coffee maker.

Operating Instructions

Operating your Beflog water dispenser pump system is straightforward:

- **Power On/Off:** Use the illuminated rocker switch on the pump module to turn the system on or off. The light indicates when the pump is active.
- **Water Dispensing:** Once the system is powered on and primed, water will be delivered to your connected appliance whenever it demands water (e.g., when dispensing water from a refrigerator or brewing coffee).
- **Automatic Shut-off:** The pump system features an automatic shut-off mechanism. When the 5-gallon water bottle is empty, the pump will cease operation to prevent damage from dry running.
- **Noise Reduction:** The pump is equipped with noise-dampening rubber feet. For further noise reduction and stability, consider securing the pump module to a wall using four screws.



Figure 5: Visual representation of key features: 20 feet of discharge piping, automatic shut-off when the bottle is empty, and construction from food-grade materials.

Maintenance

Regular maintenance ensures optimal performance and longevity of your pump system:

- **Changing Water Bottles:** Always turn off the pump system using the On/Off switch before changing an empty water bottle. This prevents air from entering the lines and ensures a smooth transition to the new bottle.
- **Cleaning:** Periodically inspect the tubing and suction wand for any buildup or discoloration. Clean with mild soap and water if necessary. Ensure all components are thoroughly rinsed before reassembly.
- **Leak Check:** Regularly check all connections for any signs of leaks. Tighten connections as needed.
- **Storage:** If storing the pump system for an extended period, drain all water from the system and store it in a dry, cool place. Use the red plug provided to prevent residual water flow out of the pump during storage or transport.

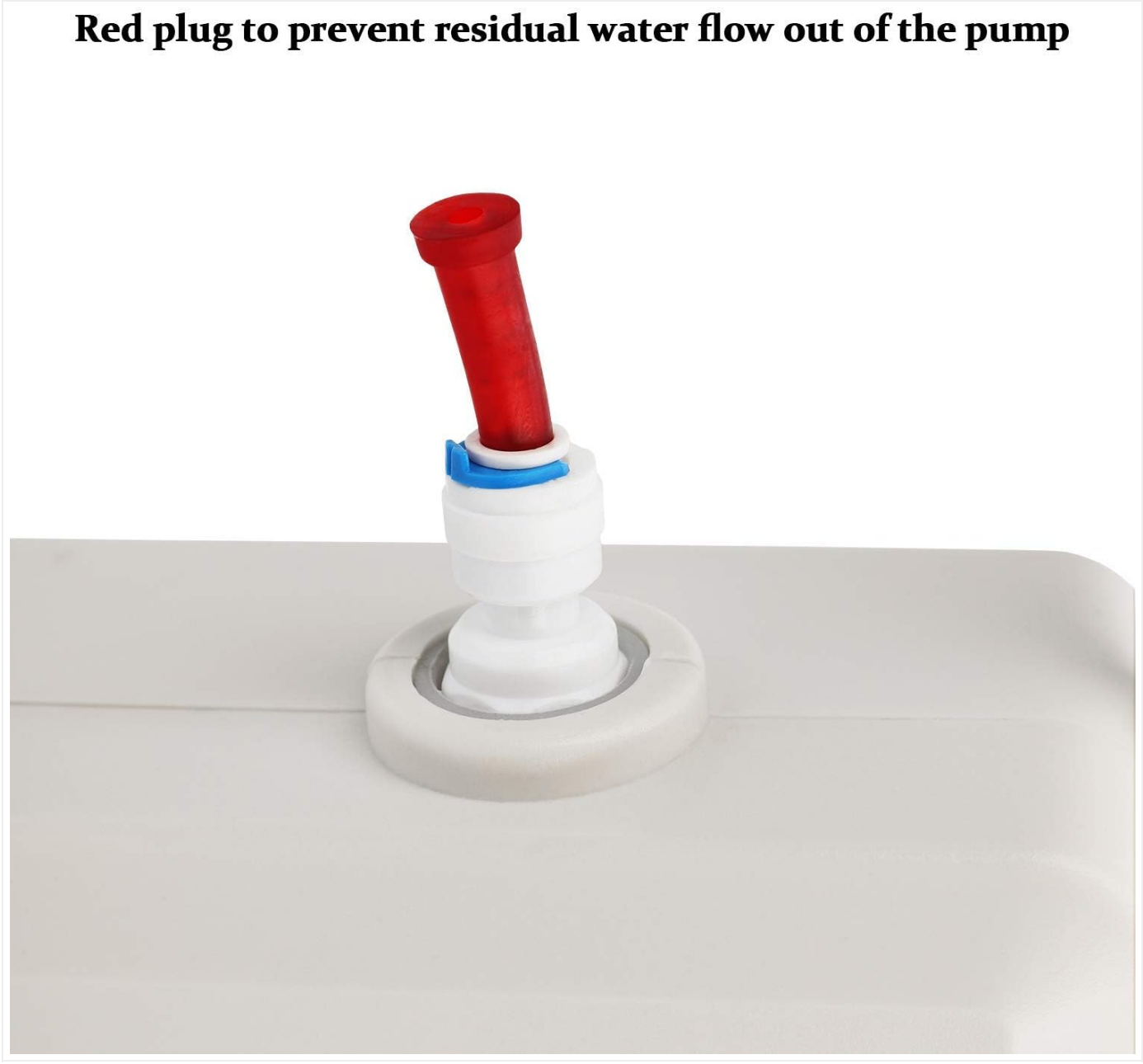


Figure 6: The red plug inserted into the pump's outlet, designed to prevent residual water from flowing out during storage or when moving the unit.

Troubleshooting

Problem	Possible Cause	Solution
Pump not turning on.	No power, switch off, or faulty connection.	Check power outlet, ensure switch is on, inspect power cord connections.
No water dispensed.	Empty water bottle, air in lines, kinked tubing, or pump not primed.	Replace water bottle, check for kinks, re-prime the pump by running it until water flows.
Water leaking from connections.	Loose connections or damaged tubing/fittings.	Tighten all connections. Inspect tubing and fittings for damage and replace if necessary.
Excessive noise during operation.	Vibrations, air in lines, or pump not securely mounted.	Ensure pump is securely mounted. Check for air in lines and re-prime. Verify rubber feet are intact.

Specifications

Feature	Detail
Model Number	BW1000A
Brand	Beflog
Power Source	110V AC
Max Pressure	40 PSI (2.8 bar)
Max Flow	1 GPM (3.8 LPM)
Capacity	Designed for 5 Gallon Bottles
Product Dimensions	5.5"D x 7.5"W x 3"H
Item Weight	6.12 pounds
Installation Type	Wall Mounted
Material	Silicone (tubing/components)
UPC	796862753290

Warranty and Customer Support

Beflog is committed to product quality and customer satisfaction. For any issues, questions, or support needs regarding your BW1000A pump system, please contact Beflog customer service. Refer to your purchase documentation for specific warranty details and contact information.

Note: All pumps undergo qualification testing before packaging. Residual water may be present due to this process and does not indicate a used product.

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