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Flojet BW5020-010A

Flojet BW5020-010A Dual HIGH FLOW Bottled Water Pump Instruction Manual

Model: BW5020-010A

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Flojet BW5020-010A Dual HIGH FLOW Bottled Water Pump. This system is designed to dispense water from two standard 3 or 5-gallon water bottles to a refrigerator, ice maker, coffee machine, or other water-using appliance. The BW5020-010A model offers a higher flow rate compared to previous versions, ensuring faster water delivery.

Please read this manual thoroughly before attempting to install or operate the pump system. Keep this manual for future reference.

2. SAFETY INFORMATION

WARNING: Electrical Shock Hazard

- Always disconnect power before servicing the pump system.
- Ensure the power supply matches the pump's voltage requirements (120 Volts AC).
- Do not operate the pump with damaged cords or plugs.
- Keep all electrical connections dry.

CAUTION: Water Damage

- Inspect all tubing connections for leaks after installation and periodically during operation.
- Do not operate the pump dry for extended periods, as this can cause damage.

3. COMPONENTS INCLUDED

The Flojet BW5020-010A system includes the following components:

- HIGH FLOW Pump Module
- 110 Volt Transformer (Power Supply)
- Dual Wand Assembly with two bottle caps

- 20 feet of 1/4-inch Dispense Tubing



Image: The Flojet BW5020-010A pump system, showing the pump unit, power supply, tubing, and dual wand assembly.

4. SETUP AND INSTALLATION

4.1 Placement

- Place the pump module on a stable, dry surface near the water bottles and the appliance it will supply.
- Ensure adequate ventilation around the pump.
- Keep the pump module above the water bottles to prevent siphoning.

4.2 Connecting the Wand Assembly

1. Remove the cap from a 3 or 5-gallon water bottle.
2. Insert one of the wand assemblies into the bottle opening. Ensure the cap on the wand assembly creates a tight seal with the bottle.
3. Repeat for the second water bottle and wand assembly.

4.3 Connecting Tubing

1. Connect the two small tubes from the wand assemblies to the inlet ports on the pump module. These are typically labeled 'IN'.
2. Connect one end of the 1/4-inch dispense tubing to the outlet port on the pump module, typically labeled 'OUT'.
3. Route the other end of the dispense tubing to your appliance (e.g., refrigerator, coffee maker). Ensure the tubing is not kinked or pinched.
4. Secure all tubing connections to prevent leaks.

4.4 Power Connection

1. Connect the 110-volt transformer to the pump module's power input.
2. Plug the transformer into a standard 120-volt AC electrical outlet.

5. OPERATING INSTRUCTIONS

5.1 Initial Priming

After installation, the pump needs to be primed to remove air from the system:

1. Ensure both water bottles are full and the wands are properly seated.
2. Plug in the power supply. The pump may run briefly to pressurize the system.
3. Activate your appliance's water dispenser. The pump will begin to draw water from the bottle and deliver it to the appliance. It may take a few moments for water to flow consistently as air is purged from the lines.

5.2 Automatic Operation

The Flojet BW5020-010A pump system operates automatically. When your appliance demands water, the pressure switch in the pump will activate, drawing water from the bottle. When the demand stops, the pump will shut off. The dual wand system allows for seamless switching between two bottles, ensuring a continuous water supply.

5.3 Replacing Water Bottles

When a water bottle is empty, the pump will continue to run but will not dispense water. To replace an empty bottle:

1. Unplug the pump's power supply.
2. Carefully remove the wand assembly from the empty bottle.
3. Place the wand assembly into a new, full water bottle, ensuring a tight seal.
4. Plug the pump's power supply back in. The pump will re-prime itself.

6. MAINTENANCE

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

- **Cleaning:** Periodically wipe down the exterior of the pump module and tubing with a damp cloth. Do not immerse the pump in water.
- **Tubing Inspection:** Regularly check all tubing for kinks, cracks, or signs of wear. Replace damaged tubing immediately.
- **Connection Check:** Ensure all connections (tubing and electrical) remain secure and free of leaks.
- **Wand Assembly:** Inspect the wand assembly for any blockages or damage. Clean if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No water dispensed / Low flow	<ul style="list-style-type: none">• Empty water bottle• Kinked or blocked tubing• Loose connections• Air in the system (not primed)• Pump not receiving power	<ul style="list-style-type: none">• Replace water bottle• Check and clear tubing• Tighten all connections• Re-prime the pump (see Section 5.1)• Check power cord and outlet
Pump runs continuously	<ul style="list-style-type: none">• Leak in the system• Empty water bottle• Pressure switch malfunction	<ul style="list-style-type: none">• Inspect all tubing and connections for leaks• Replace water bottle• Contact customer support if problem persists
Pump is noisy	<ul style="list-style-type: none">• Air in the system• Pump not securely mounted	<ul style="list-style-type: none">• Re-prime the pump• Ensure pump is on a stable surface

8. SPECIFICATIONS

Feature	Specification
Model Number	BW5020-010A
Brand	Flojet
Power Source	120 Volt AC
Voltage	120 Volts
Maximum Flow Rate	1 Gallon Per Minute
Material	Plastic
Style	Above Ground
Item Weight	6 Pounds (approx.)
Product Dimensions	23 x 11 x 3 inches (approx.)
Manufacturer	Flojet

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Flojet customer service directly. Keep your proof of purchase for warranty claims.

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