

ACROTOR HZB-12A/25BF

ACROTOR HZB-12A/25BF Water Pump

REPLACEMENT FOR HOUSEHOLD SMALL BULLET ICE MACHINES

1. Product Overview

The ACROTOR HZB-12A/25BF Water Pump is a crucial replacement component designed for various household small bullet ice machines. This pump is compatible with models such as HZB-50A, HZB-50, HZB-60, HZB-80, HZB-25BF, HZB-13F, and HZB-20F/HZB-20FA. It serves as a direct replacement for a malfunctioning or old water pump, restoring the ice maker's ability to circulate water and produce ice efficiently.

This pump features a self-priming function, which aids in quickly drawing water into the system after installation, ensuring your mini ice maker operates smoothly and produces ice cubes faster.

2. Product Components

Familiarize yourself with the various views of the ACROTOR HZB-12A/25BF Water Pump:



Figure 2.1: Top View. This image shows the top of the ACROTOR HZB-12A/25BF water pump, clearly displaying the circular label with model information (MODEL NO: ZLWB-12 DC 12V --- 0.30A) and the electrical wire with its white connector.



Figure 2.2: Angled Side View. An angled perspective of the pump, highlighting the water outlet nozzle and the electrical connector. The main body of the pump is made of white plastic.



Figure 2.3: Frontal View. This view shows the front of the pump, including the main body, the water outlet, and the electrical connection point. Four small screws are visible on the top surface, securing the pump housing.



Figure 2.4: Alternate Angled View. Another angled view of the water pump, emphasizing the water inlet and outlet ports and its compact design. The electrical wire extends clearly from the side.

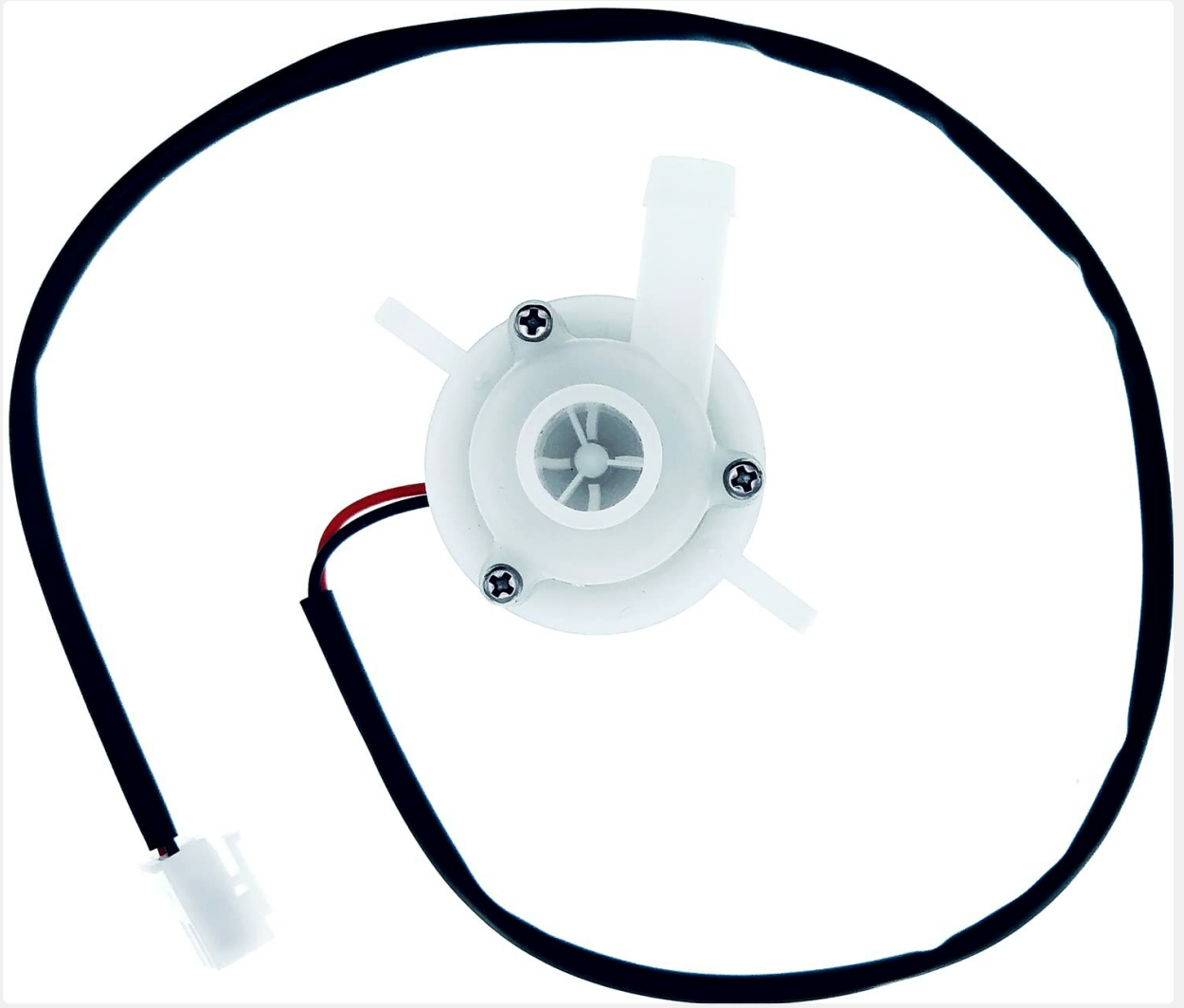


Figure 2.5: Bottom View. This image displays the bottom of the ACROTOR HZB-12A/25BF water pump, revealing the impeller mechanism inside the pump housing. This view illustrates the internal components responsible for water circulation.



Figure 2.6: Side View with Connections. A clear side view of the water pump, showing the two connection points for water hoses and the electrical connector. This perspective is useful for understanding how the pump integrates into an ice maker system.



Figure 2.7: Packaged Product. The ACROTOR HZB-12A/25BF water pump as it appears inside its retail packaging box, providing an idea of the product's presentation upon delivery.

3. Setup and Installation

Replacing the water pump requires careful handling and adherence to safety procedures. Always refer to your specific ice maker's service manual for detailed disassembly and reassembly instructions.

1. **Safety First:** Before beginning any installation, ensure the ice maker is completely unplugged from the power outlet to prevent electrical shock.
2. **Access the Pump:** Locate and carefully remove the necessary panels or covers of your ice maker to gain access to the existing water pump. This often involves removing screws and gently prying open plastic casings.
3. **Disconnect Old Pump:** Disconnect the electrical wiring and water hoses from the old pump. Note the orientation and connection points to ensure correct reinstallation. You may need to use a small amount of hand lotion or water on the tubing connectors to ease removal and re-insertion.
4. **Remove Old Pump:** Unmount the old pump from its housing.

5. **Install New Pump:** Mount the new ACROTOR HZB-12A/25BF water pump in the same position as the old one.
6. **Connect Wiring and Hoses:** Reconnect the electrical wiring to the new pump. Ensure the connections are secure. Reattach the water hoses to the appropriate inlet and outlet ports.
7. **Reassemble:** Carefully reassemble the ice maker's panels and covers. Ensure all screws are tightened and panels are securely in place. For some models, a belt or clamp around the outer cover can help compress it for easier reassembly.
8. **Test Functionality:** Once fully reassembled, plug the ice maker back into the power outlet and initiate a cycle to confirm the new pump is functioning correctly and water is circulating.

Important Note: This pump operates on DC 12V. Do not attempt to connect it directly to an AC power source.

4. Operating Instructions

As a replacement component, the ACROTOR HZB-12A/25BF water pump does not have independent operating controls. Its function is integral to the overall operation of your ice maker. Once properly installed, the pump will automatically activate as part of the ice maker's normal cycle to draw water from the reservoir and circulate it for ice production.

Ensure the ice maker's water reservoir is filled to the appropriate level as per your ice maker's original instructions. The self-priming feature of this pump will assist in quickly establishing water flow.

5. Maintenance

Proper maintenance can extend the life of your water pump and ice maker:

- **Use Clean Water:** Always use clean, filtered water in your ice maker to prevent mineral buildup and blockages in the pump and water lines.
- **Regular Cleaning:** Periodically clean your ice maker according to its manufacturer's guidelines. This includes descaling and sanitizing the water reservoir and internal components.
- **Check for Obstructions:** If you notice reduced water flow or unusual noises, inspect the pump's inlet and outlet for any debris or blockages.
- **Clean Cooling Fins:** While the ice maker is disassembled for pump replacement or other maintenance, it is a good opportunity to clean the cooling fins with a soft brush (e.g., an old toothbrush) to ensure optimal heat dissipation.

6. Troubleshooting

If your ice maker is not functioning correctly after pump replacement, consider the following common issues:

- **No Water Flow / Ice Maker Not Making Ice:**
 - Ensure the ice maker is plugged in and receiving power.
 - Check that the water reservoir is filled.
 - Verify all electrical connections to the pump are secure.

- Inspect water hoses for kinks or blockages.
- Confirm the pump is correctly installed and oriented.

• **Loud Noise from Pump:**

- This could indicate air in the lines; ensure the water reservoir is full and the pump has primed.
- Check for any loose components or debris caught in the pump's impeller.

• **Pump Not Activating:**

- Re-check electrical connections.
- Ensure the pump is the correct model for your ice maker.
- If all connections are correct and the pump still doesn't activate, the pump itself may be faulty, or there might be an issue with the ice maker's control board.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified technician or contact the product support.

7. Specifications

Attribute	Detail
Model Number	HZB-12A/25BF
Brand	ACROTOR
Voltage	DC 12V
Current	0.30A
Product Dimensions	3.8 x 1.9 x 3.6 inches (approx.)
Manufacturer	XYDZus

8. Warranty and Support

This ACROTOR HZB-12A/25BF Water Pump comes with a**6-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product is free from material and workmanship flaws under normal use.

For warranty claims, technical assistance, or any questions regarding the product, please contact the seller or manufacturer directly through your purchase platform. Provide your order details and a clear description of the issue to facilitate a prompt resolution.

