INSTRUCTION MANUAL

Item: BY2403



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Support Hours: 7:30 – 5:00 (U.S. Pacific Time)

Version - V 2.0

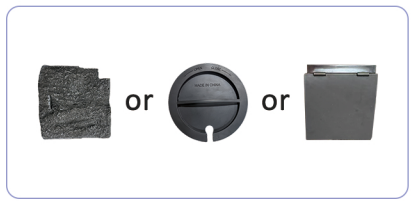
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Package Included



01 Water Fountain



02 No Back Panel



03 Fountain Water Pump



04 Transformer for Pump



05 Gardening Glove



06 1 Pound Pebbles



07 KD Part

**The water pump and transformer are housed in the same small box.*

Replacement and Water Pump

REPLACEMENT PART

No.	Model	Model No.	Picture
1	Water Pump	PP-450LV	
2	Transformer	JXA-12V1000-IP44	
3	LED Lights	BY2403-LED Sets	

WATER PUMP PARAMETERS

MODEL	PP-450LV
VOLUME	450 (L/H)
POWER	5 W
HEADLIFT	0 ~ 0.9M
OUTLET SIZE	5/16" 1/2"

HOW TO ADJUST THE FLOW

- Always isolate the electrical mains supply before touching or adjusting the pump.
- The pump flow can be adjusted with the regulator, this is found on the inlet of the pump.
- Adjustments up to 30%. Turn clockwise for full flow / anti-clock-wise for reduced flow.

Assembly Instructions

1



Put on protective gloves. Take out the KD component and pull out the water tube and LED cable. Use the Y-cable to connect the upper and lower light wires. Connect the short cable to the LED light wire and tighten the nut.

2



Pass the long pump power cord out through the hole from the inside, then connect it to the transformer and secure with the nut.

3



Connect the fountain water tube to the pump, then place the pump inside the fountain and let it attach firmly to the bottom.

4



Arrange all cables and seal the cable outlet with a sealing plug.

5



Add water through the fountain inlet until the water level is about 2 inches above the pump. Place the top KD part in position.

6



Plug in the power. Make sure the plug area is completely dry and the power source is kept away from water.

7



Add decorative pebbles. Place pebbles on each tier of the fountain as desired, taking care not to block the water return outlets.

* Place the fountain base on a smooth level surface.

* When first using the fountain, air may be trapped in the pump. It may take a few minutes for the water to flow smoothly.

Scan QR Code
to see install video

https://youtube.com/shorts/uyp6UdzJy3k?feature=share

Troubleshooting and Solutions

Trouble	Solutions
Pump not working	● Make sure the pump is fully submerged, with at least 2 inches of water above it. ● Check that the flow control valve is fully open. ● Clean the pump impeller and intake to remove any debris or blockage. ● Check all power connections, including the outlet, transformer, and pump plug.
If the pump makes unusual noise Scan QR code for the pump disassembly video https://youtu.be/J5sBfzZDjUo	● Turn off and unplug the power supply. ● Remove the front cover of Pump. ● Carefully hold and remove the impeller/rotor assembly. ● Rinse the impeller assembly with clean water and clean the pump chamber. ● If any damage is found, contact your local dealer to replace the part.
Low water flow	● Add water to prevent low water level. ● The pump or tubing may be blocked. Clean the pump and tubing. ● The flow control may be set too low. Turn counterclockwise to increase water flow. The default setting is maximum.
LED Lights not work	● Check transformer connection is tight and secure. ● Reconnect the dual-pin interface, ensuring the interface is dry. ● If none of the lights illuminate, it may indicate a transformer malfunction. ● If only some LEDs are out, they may be faulty.
If the lights are flickering	● Often caused by algae or mineral scale on LED contacts. ● Clean pump and fountain.
White/Green Residue	● Mineral buildup (limescale) or algae growth may occur. This is not a device malfunction. Please clean the fountain and pump regularly. Using distilled water can help minimize limescale buildup.
Water Leakage	● Place the fountain on a flat, level surface. ● Do not overfill the basin. ● Natural evaporation will occur; refill with water as needed. ● If water leaks from a seam, apply a waterproof sealant to repair it and contact us for compensation. ● If the fountain is damaged, please contact us for a replacement.

If you have further product questions, feel free to reach out.

Warranty & Return Policy

01 / RETURN POLICY

- Returns within one month of purchase date: Free return service provided
- Returns after one month: Buyer responsible for return shipping cost
- Non-quality issue returns: Buyer responsible for half of the shipping costs
- Purchase within one month, if you find a lower price, don't need to return and please contact to get reimbursed for the difference.
- Please return the product via the Amazon label or the label provided by the seller.

02 / WARRANTY TERMS

- 30-Day Free Return policy. 1-Year warranty for non-artificial damage.

03 / NOT COVERED UNDER WARRANTY

- Pump smells of burning residue.
- Discoloration resembling rust.
- Visible algae or limescale buildup on the pump.
- Paint and/or surface damage/discoloration due to limescale.If any of the above is noticeable, the warranty will void due to likely improper maintenance.
- If the proof of purchase shows the product was bought within 1 Year, free charge replacement part can be supplied.

Maintenance & Care

Fountain Care Guidelines

- Winter Care: Bring Indoors if Possible (e.g., garage or shed). If freezing is a concern, drain all water to prevent damage.

Fountain Cleaning Tips

- To empty the fountain of water for cleaning or for winter care:
- For smaller fountains, invert and let water pour away forcleaning.
- For larger fountains, use siphon pipe for water removal. Always power off before cleaning or maintaining thefountain or pump.

Note: Stains may be present, this does not imply the fountain is second-hand. The testing water may not dry beforerepacking, causing stains upon opening the package.

Electrical safety

- Water pumps are waterproof to IPX8.
- The transformer will get hot during use, which is normal. To prevent pump damage, pleased to add water promptly toavoid long time.
- For outdoor use, ensure the outlet is waterproof to IP66 standard.