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› Balboa Water Group Magna Single Port Roto Jet Assembly (Model 56-4821WHT) Instruction Manual

Balboa Water Group 56-4821WHT

Balboa Water Group Magna Single Port Roto Jet Assembly Instruction Manual

Model: **56-4821WHT**

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Balboa Water Group Magna Single Port Roto Jet Assembly, Model 56-4821WHT. Please read this manual thoroughly before proceeding with installation or use to ensure safe and efficient operation of the product.

The Magna Single Port Roto Jet Assembly is designed for use in spa and hot tub systems, providing a rotating massage action. This component is a replacement part for existing systems.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of the jet assembly. If you are unsure about any step, it is recommended to consult a qualified spa technician.

1. **Safety First:** Ensure the spa or hot tub power is completely disconnected before beginning any installation or maintenance work. Drain the spa if necessary to access the jet housing.
2. **Remove Old Jet (if applicable):** If replacing an existing jet, carefully unscrew or unclip the old jet assembly from its housing. Note the orientation and any seals.
3. **Inspect Housing:** Clean the jet housing thoroughly, removing any debris or old sealant. Inspect the housing for cracks or damage.
4. **Install New Jet:** Insert the new Balboa Water Group Magna Single Port Roto Jet Assembly into the designated housing. Ensure it seats correctly and the gasket (if separate) is properly positioned to create a watertight seal.
5. **Secure Jet:** Depending on your spa's design, the jet may screw in or snap into place. Tighten securely but do not overtighten, as this can damage the plastic components.
6. **Test for Leaks:** After installation, refill the spa and carefully inspect for any leaks around the newly installed jet. Address any leaks immediately before full operation.



Image 1: The Balboa Water Group Magna Single Port Roto Jet Assembly. This image shows the complete jet component, including the white body and the clear roto nozzle, ready for installation into a spa jet housing.

OPERATING INSTRUCTIONS

Once installed and the spa is filled and powered, the jet assembly operates as part of the spa's circulation and massage system.

- **Jet Function:** The Magna Single Port Roto Jet is designed to provide a rotating water stream for a dynamic massage experience. When the spa's pumps are activated, water flows through the jet, causing the internal mechanism to rotate.
- **Adjusting Flow:** Some jet housings allow for flow adjustment by rotating the outer ring of the jet. Refer to your spa's main instruction manual for specific details on adjusting water flow and air induction for your jet system.
- **Air Induction:** Many spa jets incorporate an air induction feature. If your spa system includes this, air can be mixed with the water stream to enhance the massage effect. This is typically controlled by a separate air control knob on the spa's topside.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your jet assembly.

- **Cleaning:** Periodically inspect the jet face for mineral deposits or debris. Use a soft brush and a mild, non-abrasive spa cleaner to gently clean the surface. Avoid harsh chemicals that could damage the plastic.
- **Debris Removal:** If the jet's rotation becomes sluggish or stops, it may be obstructed by debris. With the spa power off, carefully remove the jet (if designed for easy removal) and clear any blockages from the internal mechanism.
- **Winterization:** If winterizing your spa, ensure all water is drained from the jet lines and the jet assembly itself to prevent freezing and potential damage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your jet assembly.

- **No Water Flow:**
 - Check if the spa pump is operating.
 - Ensure the jet is fully open (if adjustable).
 - Inspect for blockages in the jet or plumbing.
- **Weak Water Flow:**
 - Verify the spa filter is clean.
 - Check for air locks in the pump or plumbing.
 - Ensure the pump is running at the correct speed.
- **Jet Not Rotating:**
 - The internal roto mechanism may be clogged with debris or mineral deposits. Remove and clean the jet.
 - Ensure sufficient water pressure is reaching the jet.
- **Leaking Around Jet:**
 - Ensure the jet is properly seated and tightened.
 - Inspect the gasket or seal for damage and replace if necessary.

For issues not covered here, or if troubleshooting steps do not resolve the problem, contact a qualified spa technician or Balboa Water Group customer support.

SPECIFICATIONS

Feature	Detail
Model Number	56-4821WHT
Product Type	Magna Single Port Roto Jet Assembly
Brand	Balboa Water Group / Hydro Air
Color	White
Product Dimensions	1.8 x 1.75 x 1.7 inches

Item Weight	8 ounces
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WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the original purchase documentation or contact Balboa Water Group directly. Support for this product is typically provided by the manufacturer or your authorized spa dealer.

When contacting support, please have your product model number (56-4821WHT) and purchase date available.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question