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> Hayward SP1436PAKB Jetair III Nozzle Assembly Replacement Manual

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Model: SP1436PAKB

1. INTRODUCTION

The Hayward SP1436PAKB Jetair III Nozzle Assembly is a genuine replacement part specifically designed for use with Hayward Jet-Air III and adjustable Jet-Air III pool and spa systems. This rotating Pulse-Flo nozzle facilitates water circulation and aeration within your pool or spa, contributing to a more dynamic water experience. It is supplied in a white finish to match existing components.





Figure 1: Hayward SP1436PAKB Jetair III Nozzle Assembly. This image shows the white plastic nozzle assembly with its internal rotating mechanism visible.

2. SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions can result in serious injury or property damage.

- Always disconnect power to the pump and filter system at the circuit breaker before attempting any installation, maintenance, or repair.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation and maintenance.
- Ensure the pool or spa system is depressurized before removing any components.
- If you are unsure about any installation or maintenance procedures, consult a qualified pool professional.
- Keep children and pets away from the work area during installation and maintenance.

3. PARTS LIST

The Hayward SP1436PAKB Jetair III Nozzle Assembly Replacement package includes:

- One (1) Hayward SP1436PAKB Jetair III Nozzle Assembly (White)

4. INSTALLATION INSTRUCTIONS

This section outlines the steps for replacing an existing Jetair III nozzle assembly.

1. **Prepare the System:** Ensure the pool or spa pump is turned off and the system is completely depressurized. This is crucial for safety and to prevent water leakage.
2. **Locate Existing Nozzle:** Identify the Jetair III nozzle assembly that requires replacement in your pool or spa.
3. **Remove Old Nozzle:** Carefully remove the old nozzle assembly. Depending on your specific Jet-Air III system model, this may involve unscrewing, twisting, or gently prying the old nozzle out of its housing. Refer to your pool or spa system's manual if you encounter difficulty.
4. **Inspect and Clean:** Inspect the receiving port in the pool or spa wall for any debris, calcium buildup, or damage. Clean the area thoroughly if necessary to ensure a proper fit for the new nozzle.
5. **Install New Nozzle:** Insert the new Hayward SP1436PAKB Jetair III Nozzle Assembly into the cleaned port. Ensure it is seated correctly and securely. Apply firm, even pressure. If your system uses a threaded connection or retaining ring, ensure it is tightened appropriately, but do not overtighten.
6. **System Restart and Leak Check:** Once the new nozzle is securely in place, restore power to the pump and filter system. Observe the new nozzle for proper operation and check for any water leaks around the installation area.

5. OPERATION

The Hayward SP1436PAKB Jetair III Nozzle Assembly is designed for automatic operation once correctly installed within a functioning Jet-Air III system.

- When the pool or spa pump is active and water flows through the Jet-Air III system, the internal mechanism of the nozzle will cause it to rotate.
- This rotation creates a pulsating water flow, which enhances water circulation and provides aeration, contributing to the overall water quality and user experience.
- No manual adjustments are typically required for the nozzle itself during normal operation.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Jetair III Nozzle Assembly.

- **Periodic Inspection:** Periodically inspect the nozzle for any visible debris, such as hair, leaves, or small particles, that may impede its rotation or restrict water flow.
- **Cleaning:** If debris is present, turn off the pump and remove the nozzle as described in the installation section. Rinse the nozzle thoroughly with clean water. For stubborn deposits, use a soft brush to gently dislodge them.
- **Avoid Harsh Chemicals:** Do not use harsh chemical cleaners, abrasive pads, or solvents on the nozzle, as these can damage the plastic material and affect its performance.
- **Reinstallation:** After cleaning, ensure the nozzle is reinstalled correctly and securely before restarting the pump.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Jetair III Nozzle Assembly.

- **Nozzle Not Rotating:**

- Check for debris (hair, leaves, etc.) lodged inside the nozzle or within the jet housing. Clean as per the Maintenance section.
 - Ensure there is adequate water flow from the pump. Low water pressure or flow can prevent the internal mechanism from rotating. Verify pump operation and filter cleanliness.
- **Weak Water Flow from Nozzle:**
 - Verify that the pool or spa pump is operating at its correct speed and that the filter is clean and not clogged.
 - Check for any blockages in the plumbing lines leading to the jet.
 - Ensure the nozzle is fully seated and not partially obstructed by the jet housing.
- **Water Leaks Around Nozzle:**
 - Confirm that the nozzle is properly installed and fully seated in its port.
 - If your specific Jet-Air III system uses O-rings or gaskets, ensure they are intact, clean, and correctly positioned. Damaged or worn seals may need replacement.

8. SPECIFICATIONS

Key specifications for the Hayward SP1436PAKB Jetair III Nozzle Assembly:

Feature	Detail
Brand	Hayward
Model Number	SP1436PAKB
Valve Type	Jetair III Nozzle Assembly
Compatibility	Hayward Jet-Air III and adjustable Jet-Air III systems
Exterior Finish	White
Item Dimensions (L x W x H)	1 x 1 x 1 inches
Item Weight	2.4 ounces
Thread Size	1.5 inches (Common Pool System Threading)
Connector Type	Threaded
Number of Ports	2
GTIN / UPC	00610377048545

9. WARRANTY AND SUPPORT

The Hayward SP1436PAKB Jetair III Nozzle Assembly is covered by Hayward's standard manufacturer warranty. For specific warranty terms, conditions, and duration, please refer to the warranty documentation provided with your purchase or visit the official Hayward website.

For technical support, troubleshooting assistance beyond this manual, or to inquire about warranty claims, please contact Hayward customer service directly. Ensure you have your product model number (SP1436PAKB) and proof of purchase available when contacting support.

Hayward Official Website: www.hayward.com

