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### Hot Tub Classic Parts SUN6000-310

## Instruction Manual for Hot Tub Classic Parts Spa Vortex Jet Face

MODEL: **SUN6000-310**

This manual provides essential information for the installation, operation, and maintenance of your Spa Vortex Jet Face.

### 1. Product Overview

The Hot Tub Classic Parts Spa Vortex Jet Face with Stainless Steel Escutcheon, model SUN6000-310, is a replacement part designed for specific Sundance Spas. This component is crucial for the proper function of your spa's vortex jets, ensuring optimal water flow and hydrotherapy experience. It features a durable stainless steel escutcheon for a clean finish and a robust internal structure for reliable performance.

**Compatibility:** This jet insert is compatible with Sundance Vortex Jets manufactured between 2003 and mid-2009. The jet face measures approximately 5 inches across.



Image of the Spa Vortex Jet Face, showing the chrome-plated stainless steel escutcheon and the gray plastic jet insert with its internal structure and connection points.

## 2. Setup and Installation

Proper installation is essential for the correct function and longevity of your new jet face. If you are unsure about any step, it is recommended to consult a qualified spa technician.

### Safety Precautions:

- Always disconnect power to the spa before attempting any installation or maintenance.
- Ensure the spa is drained or the water level is below the jet opening to prevent water spillage.
- Wear appropriate personal protective equipment, such as gloves and eye protection.

### Installation Steps:

1. **Remove Old Jet Face:** Carefully unscrew or unclip the existing jet face from its housing. Some jet faces may require a specific tool for removal. Note the orientation of the old jet face for reference.
2. **Inspect Housing:** Clean the jet housing thoroughly, removing any debris, mineral deposits, or old gasket material. Inspect the housing for any cracks or damage.
3. **Prepare New Jet Face:** Ensure the new SUN6000-310 jet face is clean and free from packaging materials. Check that any O-rings or gaskets are properly seated on the jet insert.
4. **Insert New Jet Face:** Align the new jet face with the housing. Gently push and twist (if applicable) the jet face into place until it is securely seated. Ensure the escutcheon is flush with the spa surface.
5. **Secure Jet Face:** If your jet face uses a threaded connection, carefully screw it in until snug. Do not overtighten, as this can damage the threads or the jet housing. If it uses clips, ensure they are fully engaged.
6. **Test for Leaks:** Once installed, refill the spa and reconnect power. Turn on the jets and carefully inspect the newly installed jet face for any signs of leaks.

## 3. Operating the Jet

Once the SUN6000-310 Spa Vortex Jet Face is correctly installed, its operation is controlled by your spa's existing jet system. The vortex action is inherent to the jet's design and will activate when water flows through it.

- **Jet Activation:** Refer to your spa's main instruction manual for details on how to activate and adjust the water flow to the jets.
- **Flow Adjustment:** Some jet faces allow for rotational adjustment to direct water flow. Gently turn the outer ring of the jet face to adjust the direction of the water stream, if this feature is present on your specific jet housing.

## 4. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your Spa Vortex Jet Face.

### Cleaning:

- **Surface Cleaning:** Periodically wipe the stainless steel escutcheon with a soft cloth and a mild, non-abrasive spa-safe cleaner to remove water spots and mineral buildup.
- **Internal Cleaning:** If jet performance diminishes, it may indicate internal blockage. With the spa power off and water drained below the jet, carefully remove the jet face and clean any debris from the internal components using a soft brush or water spray.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or plastic components of the jet face.

### Inspection:

- Regularly inspect the jet face for any signs of wear, cracks, or damage to the escutcheon or plastic components.
- Check the integrity of the O-rings or gaskets to ensure a watertight seal. Replace if they appear brittle or damaged.

## 5. Troubleshooting

This section addresses common issues you might encounter with your Spa Vortex Jet Face.

Problem	Possible Cause	Solution
Weak or No Jet Flow	<ul style="list-style-type: none"><li>◦ Debris blockage within the jet.</li><li>◦ Low water level in the spa.</li><li>◦ Spa pump not operating correctly.</li></ul>	<ul style="list-style-type: none"><li>◦ Remove jet face and clean internal components.</li><li>◦ Ensure spa water level is adequate.</li><li>◦ Check spa pump and filtration system (refer to spa manual).</li></ul>
Water Leakage Around Jet	<ul style="list-style-type: none"><li>◦ Improperly seated jet face.</li><li>◦ Damaged or worn O-ring/gasket.</li><li>◦ Cracked jet housing (less common).</li></ul>	<ul style="list-style-type: none"><li>◦ Re-seat the jet face, ensuring it is snug.</li><li>◦ Inspect and replace O-ring/gasket if damaged.</li><li>◦ Contact a spa technician for housing repair.</li></ul>

Problem	Possible Cause	Solution
Jet Face Appears Loose	<ul style="list-style-type: none"> <li>◦ Not fully tightened during installation.</li> <li>◦ Wear on threads or clips.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Gently tighten the jet face.</li> <li>◦ Inspect for damage; replacement may be necessary if threads or clips are worn.</li> </ul>

## 6. Specifications

<b>Model Number</b>	SUN6000-310
<b>Part Type</b>	Spa Vortex Jet Face with SS Escutcheon
<b>Jet Face Diameter</b>	Approximately 5 inches (12.7 cm)
<b>Compatibility</b>	Sundance Vortex Jets (2003 - Mid 2009 models)
<b>Material</b>	Stainless Steel Escutcheon, Durable Plastic Insert
<b>Manufacturer</b>	Hot Tub Classic Parts

## 7. Warranty and Support

For information regarding warranty coverage or technical support for your SUN6000-310 Spa Vortex Jet Face, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

**Contact Information:** Refer to your purchase documentation or the seller's website for the most current contact details for Hot Tub Classic Parts.