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› [AquaStar White 12x12 in. Square Wave Suction Outlet Cover with Vented Riser Ring WAV12WR101 User Manual](#)

## AquaStar WAV12WR101

# AquaStar White 12x12 in. Square Wave Suction Outlet Cover with Vented Riser Ring WAV12WR101 User Manual

Model: WAV12WR101 | Brand: AquaStar

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective installation, operation, and maintenance of your AquaStar White 12x12 inch Square Wave Suction Outlet Cover with Vented Riser Ring, Model WAV12WR101. Please read these instructions thoroughly before proceeding with installation or use to ensure proper function and safety.

## 2. PRODUCT OVERVIEW

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The AquaStar WAV12WR101 is a 12x12 inch square suction outlet cover designed for pool and spa applications. It features a unique wave pattern and a vented riser ring, engineered to optimize water flow and enhance safety. This cover is an integral component of your pool's circulation system.



Figure 2.1: Top view of the AquaStar Square Wave Suction Outlet Cover.

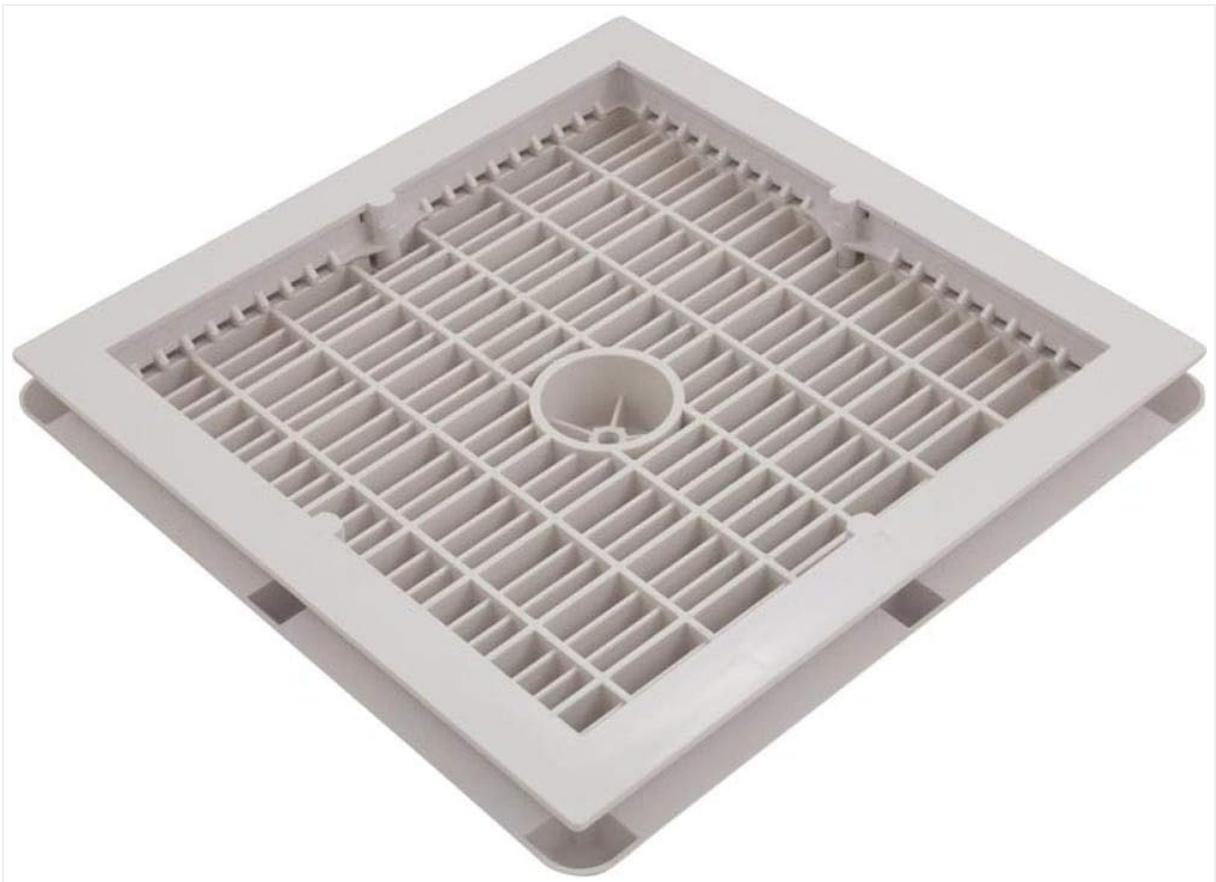


Figure 2.2: Underside view showing the vented riser ring and mounting points.

### 3. SAFETY INFORMATION

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## Important Safety Instructions:

- Always ensure the suction outlet cover is securely installed before operating the pool or spa pump.
- Regularly inspect the cover for cracks, damage, or loose fasteners. Replace immediately if any damage is observed.
- Never block or obstruct the suction outlet cover.
- This product is designed to reduce the risk of suction entrapment. However, proper installation and regular inspection are crucial for maintaining safety.
- Consult local building codes and regulations for specific requirements regarding pool and spa suction outlets.

## 4. SETUP AND INSTALLATION

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This suction outlet cover is designed for straightforward installation. Ensure you have the correct tools and follow these steps:

1. **Preparation:** Turn off all pool or spa pumps and ensure the system is depressurized. If replacing an existing cover, carefully remove the old cover and clean the mounting surface thoroughly.
2. **Positioning:** Align the new AquaStar WAV12WR101 cover over the suction outlet. The vented riser ring should sit flush against the pool or spa surface.
3. **Securing:** Use appropriate corrosion-resistant fasteners (typically stainless steel screws, not included with the cover unless specified by the manufacturer) to secure the cover to the suction outlet fitting. Tighten screws evenly until the cover is firm and stable, but do not overtighten.
4. **Final Check:** Visually inspect the installed cover to ensure there are no gaps between the cover and the pool surface, and that all fasteners are secure.

*Note: If you are unsure about any part of the installation process, it is recommended to consult a qualified pool professional.*

## 5. MAINTENANCE

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Regular maintenance of your suction outlet cover is crucial for optimal performance and safety.

- **Routine Inspection:** Periodically check the cover for any signs of wear, cracks, or damage. Ensure all screws are tight.
- **Cleaning:** Remove any debris (leaves, hair, etc.) that may accumulate on or around the cover. This can be done manually or with a soft brush. For deeper cleaning, the cover can be removed (after turning off the pump) and rinsed with water.
- **Replacement:** Suction outlet covers have a limited lifespan. Refer to the manufacturer's guidelines or local regulations for recommended replacement intervals. Replace the cover immediately if it shows signs of significant wear or damage.

## 6. TROUBLESHOOTING

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If you encounter issues with your suction outlet cover, consider the following:

- **Reduced Water Flow:** Check for debris accumulation on or under the cover. Ensure the pump's skimmer basket and filter are clean. Verify that the cover is not obstructed.
- **Loose Cover:** Inspect the mounting screws. If they are loose, carefully tighten them. If the screw holes are stripped, professional repair may be required.
- **Visible Damage:** Any cracks, breaks, or significant wear on the cover necessitate immediate

replacement to maintain safety and proper function.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	WAV12WR101
Brand	AquaStar
Product Dimensions	12 x 12 x 2 inches
Item Weight	2 pounds
Color	White
Type	Square Wave Suction Outlet Cover with Vented Riser Ring

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the official AquaStar website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.