

Astralpool 00295CL129

Astralpool Prestige Multiflow Screw-in Return Nozzle User Manual

Model: 00295CL129

1. INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your Astralpool Prestige Multiflow Screw-in Return Nozzle. This component is designed for concrete pools to ensure efficient water circulation and filtration. Please read this manual thoroughly before proceeding with installation or use.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure all power to pool equipment is disconnected before installation or maintenance.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
- Consult a qualified professional if you are unsure about any installation steps.
- Use only tools and materials suitable for pool construction and plumbing.
- Keep children and pets away from the work area during installation.

3. SETUP AND INSTALLATION

The Astralpool Prestige Multiflow Screw-in Return Nozzle is designed for concrete pool installations. Follow these steps for proper setup:

3.1. Components Overview

The product consists of the main nozzle body with a threaded connection and a grey faceplate with an adjustable eyeball insert.



Figure 1: Astrapool Prestige Multiflow Screw-in Return Nozzle. This image displays the grey return nozzle, featuring a flat, circular faceplate and a threaded cylindrical body extending downwards. The center of the faceplate has a recessed, adjustable opening for water flow.

3.2. Pre-installation Checks

- Verify that the pool wall opening is clean and correctly sized for the nozzle's threaded body.
- Ensure all necessary plumbing connections are ready and accessible.
- Check for any damage to the nozzle before installation. Do not install if damaged.

3.3. Installation Steps

1. **Prepare the Opening:** Ensure the concrete opening is smooth and free of debris.
2. **Apply Sealant:** Apply a suitable pool-grade sealant around the exterior threads of the nozzle body to ensure a watertight seal with the pool wall.
3. **Insert and Screw:** Carefully insert the threaded body of the nozzle into the prepared opening from the inside of the pool. Screw it in firmly until the faceplate is flush with the pool surface. Do not overtighten.
4. **Connect Plumbing:** From the outside of the pool, connect the return plumbing line to the threaded connection of the nozzle. Use appropriate PVC cement or thread sealant as required by your plumbing system.
5. **Cure Time:** Allow the sealant and PVC cement to cure fully according to the manufacturer's instructions before filling the pool or operating the pump.
6. **Final Check:** Once cured, fill the pool and inspect for any leaks around the nozzle connection.

4. OPERATING INSTRUCTIONS

The Prestige Multiflow Return Nozzle is a passive component of your pool's circulation system. Its operation is directly tied to the pool pump and filter system.

- **Water Return:** Once the pool pump is active, filtered water will be returned to the pool through this nozzle.
- **Adjustable Flow:** The central eyeball insert can be rotated and angled to direct the water flow. Adjust the direction to optimize water circulation, ensuring dead spots are minimized and debris is pushed towards the skimmer.
- **Optimal Circulation:** Proper adjustment of return nozzles is crucial for effective pool cleaning and chemical distribution. Experiment with different angles to achieve the best circulation pattern for your pool's shape and size.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your return nozzle.

- **Routine Inspection:** Periodically inspect the nozzle for cracks, damage, or signs of wear.
- **Cleaning:** Remove any debris (leaves, hair, etc.) that may accumulate around or inside the nozzle opening. A soft brush can be used for cleaning.
- **Winterization:** During winterization, ensure the return line is properly drained to prevent freezing and potential damage to the nozzle and plumbing. Consult your pool winterization guide for specific instructions.
- **Chemical Exposure:** While designed for pool environments, prolonged exposure to highly concentrated chemicals should be avoided. Ensure pool chemistry is balanced.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Low Water Flow from Nozzle	◦ Clogged filter ◦ Air leak in suction line ◦ Pump not primed ◦ Debris in nozzle opening	◦ Clean or backwash filter. ◦ Check and seal all suction line connections. ◦ Re-prime the pump. ◦ Remove debris from nozzle.
Water Leak Around Nozzle	◦ Improperly applied sealant during installation ◦ Damaged nozzle body or threads ◦ Loose plumbing connection	◦ Drain pool below nozzle level, reapply sealant, and re-install. ◦ Replace the nozzle if damaged. ◦ Tighten plumbing connection; apply thread sealant if necessary.
Nozzle Eyeball Stuck	◦ Mineral deposits or debris	◦ Carefully clean the eyeball and its housing. Use a mild descaler if mineral buildup is present.

7. SPECIFICATIONS

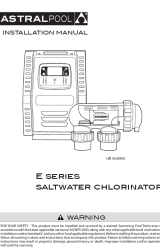
Attribute	Detail
Brand	Astralpool
Model	Prestige Multiflow Screw-in Return Nozzle
Model Number	00295CL129
Material	Designed for Concrete Pools
Color	Grey

Attribute	Detail
Item Weight	200 grams
ASIN	B0B18CMZR5
First Available Date	June 3, 2024

For further assistance, please contact Astralpool customer support.
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Related Documents - 00295CL129

	Astralpool Adjustable Bottom Nozzle Installation and Maintenance Manual Comprehensive guide for installing and maintaining the Astralpool Adjustable Bottom Nozzle, covering product features, step-by-step installation, assembly, start-up, and technical specifications for optimal swimming pool cleaning.
	AstralPool Classic Plus Multiport Valve: Installation, Maintenance, and Troubleshooting Guide Detailed guide for the AstralPool Classic Plus multiport valve (model 73950-1000). Covers valve operations, step-by-step installation, essential maintenance procedures, a complete parts list, and common troubleshooting solutions for swimming pool filter systems.
	AstralPool QB800 Robotic Pool Cleaner: User Manual & Guide This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the AstralPool QB800 Robotic Pool Cleaner.
	Astralpool Rousillon Automatic Pool Cover Installation and Maintenance Manual A comprehensive guide for the installation and maintenance of the Astralpool Rousillon automatic pool cover, detailing components, civil engineering requirements, assembly steps, electrical installation, and safety features.

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