

Hunter PROS00PRS40

Hunter PROS00PRS40 Pro-Spray Shrub Adapter Sprinkler User Manual

Model: PROS00PRS40

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Hunter PROS00PRS40 Pro-Spray Shrub Adapter Sprinkler. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. PRODUCT OVERVIEW

The Hunter PROS00PRS40 is a shrub adapter sprinkler designed to integrate with MP Rotators, providing efficient and uniform water distribution. It features a rugged Pro-Spray body and is regulated at 40 PSI to ensure optimal output pressure for maximum efficiency. This product is suitable for both residential and commercial irrigation applications.



Figure 2.1: Hunter PROS00PRS40 Pro-Spray Shrub Adapter Sprinkler. This image shows the gray plastic body of the sprinkler, featuring a threaded top for nozzle attachment and a sturdy base for installation.

3. FEATURES

- Combines the rugged Pro-Spray body with an MP Rotator compatibility for efficient watering.
- Pressure regulated at 40 PSI (2.8 bar) to ensure optimal output pressure and maximum efficiency.
- Recommended for both residential and commercial irrigation applications.
- No assembly required for the unit itself, simplifying installation.

4. SPECIFICATIONS

Attribute	Value
Brand	Hunter

Model Number	PROS00PRS40
Color	Gray
Material	Plastic
Style	Rotary
Dimensions (L x W x H)	5 x 7 x 10 inches (12.7 x 17.8 x 25.4 cm)
Item Weight	0.634 ounces (18 grams)
Regulated Pressure	40 PSI (2.8 bar)
Manufacturer	Standard Plumbing Supply-LG

5. SETUP AND INSTALLATION

The Hunter PROS00PRS40 is designed for straightforward installation. It is important to ensure proper connection to your irrigation system for optimal performance.

5.1 Pre-Installation Checks

- Ensure the water supply to the irrigation zone is turned off.
- Verify that the existing pipe fitting is compatible with the sprinkler's threaded inlet.
- Confirm you have the correct MP Rotator nozzle (sold separately) for your specific watering needs.

5.2 Installation Steps

1. Carefully unpackage the PROS00PRS40 shrub adapter.
2. Thread the base of the shrub adapter onto the riser or pipe fitting in your irrigation system. Hand-tighten initially, then use a wrench for a snug fit, being careful not to overtighten.
3. Screw the desired MP Rotator nozzle (not included) onto the threaded top of the PROS00PRS40. Ensure it is securely fastened.
4. Once installed, slowly turn on the water supply to the zone and check for any leaks around the connections.
5. Adjust the MP Rotator nozzle according to its specific instructions for arc and radius.

6. OPERATING INSTRUCTIONS

The PROS00PRS40 is a passive component that regulates pressure for the attached nozzle. Its operation is directly tied to the irrigation system's schedule and the settings of the MP Rotator nozzle.

6.1 System Activation

- Ensure your irrigation controller is programmed correctly for the desired watering times and days.
- When the irrigation zone activates, water will flow through the PROS00PRS40, which will regulate the pressure to 40 PSI before it reaches the MP Rotator nozzle.

6.2 Pressure Regulation

The integrated pressure regulation at 40 PSI ensures that the MP Rotator nozzle operates at its optimal pressure, maximizing water efficiency and uniformity of distribution. This feature helps prevent misting and ensures consistent performance even with varying inlet pressures.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your Hunter PROS00PRS40 shrub adapter.

- **Periodic Inspection:** Regularly check the sprinkler for any visible damage, cracks, or leaks.
- **Cleaning:** If the sprinkler appears dirty or clogged, turn off the water supply, unscrew the MP Rotator nozzle, and gently clean any debris from the internal components and the nozzle filter (if applicable). Use clean water and a soft brush.
- **Winterization:** In regions subject to freezing temperatures, ensure proper winterization of your irrigation system, including blowing out lines to prevent water from freezing and damaging the sprinkler body.
- **Nozzle Maintenance:** Refer to the specific MP Rotator nozzle manual for its cleaning and maintenance recommendations.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your PROS00PRS40 shrub adapter.

Problem	Possible Cause	Solution
Water leaking from base connection.	Loose connection or damaged threads.	Turn off water, tighten connection. If leak persists, inspect threads for damage and replace if necessary. Use PTFE tape for a better seal.
No water or low flow from nozzle.	Clogged nozzle or filter, insufficient water pressure to the unit.	Turn off water, remove and clean the MP Rotator nozzle and its filter. Check main water supply pressure to the zone.
Misting or poor spray pattern.	Nozzle issue, or inlet pressure is too high for the pressure regulation to handle (unlikely with PRS40).	Ensure the correct MP Rotator nozzle is installed and properly adjusted. While the PRS40 regulates to 40 PSI, extremely high inlet pressures might still cause issues; verify system design.

9. WARRANTY AND SUPPORT


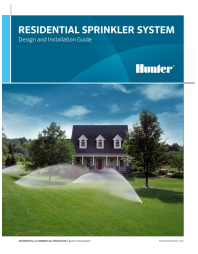
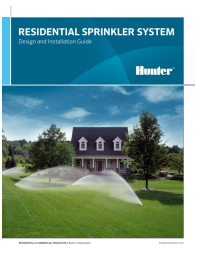
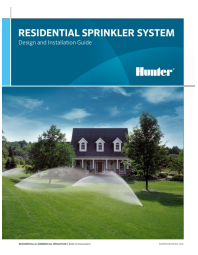
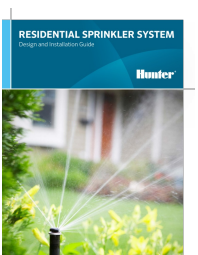

For information regarding product warranty, technical support, or replacement parts, please contact Hunter Industries directly or visit their official website. Keep your purchase receipt as proof of purchase for warranty claims.

Hunter Industries Official Website: www.hunterindustries.com

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Related Documents - PROS00PRS40

	<p>Residential Sprinkler System Design Handbook: A Step-By-Step Introduction to Design and Installation</p> <p>A comprehensive guide to designing and installing residential sprinkler systems, covering plot planning, system capacity, sprinkler selection, zoning, pipe sizing, and installation procedures. Includes a glossary of terms and watering guidelines.</p>
	<p>Hunter Residential Sprinkler System Design and Installation Guide</p> <p>A comprehensive guide from Hunter Industries on designing and installing residential sprinkler systems, covering planning, product selection, installation steps, and watering guidelines.</p>
	<p>Hunter Residential Sprinkler System Design and Installation Guide</p> <p>A comprehensive guide for designing and installing residential sprinkler systems, covering planning, product selection, installation, and watering guidelines. Features detailed illustrations and practical advice for homeowners and professionals.</p>
	<p>Hunter Residential Sprinkler System Design and Installation Guide</p> <p>A comprehensive guide from Hunter Industries for designing and installing residential sprinkler systems, covering planning, product selection, installation steps, and watering guidelines.</p>
	<p>Hunter Residential Sprinkler System Design and Installation Guide</p> <p>A comprehensive guide for designing and installing residential sprinkler systems, covering planning, component selection, system layout, installation procedures, and watering guidelines. Includes detailed information on Hunter products and best practices for efficient irrigation.</p>
	<p>Programmatore Pro-C Hunter: Guida Completa per l'Irrigazione</p> <p>Scopri le caratteristiche, l'installazione e la programmazione del Programmatore Pro-C di Hunter, una soluzione avanzata per la gestione di impianti di irrigazione residenziali e commerciali.</p>