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› Hunter 6-Inch Pro-Spray PRS-30 Sprinkler Body Instruction Manual

Hunter Industries RTLPROS06PRS30

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Model: RTLPROS06PRS30

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Hunter 6-Inch Pro-Spray PRS-30 Sprinkler Body. This product is designed for efficient irrigation systems, featuring integrated pressure regulation for optimal performance. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your irrigation system.

PRODUCT OVERVIEW

The Hunter 6-Inch Pro-Spray PRS-30 is a durable pop-up sprinkler body engineered for professional and residential irrigation systems. It includes a built-in pressure regulator set to 30 PSI to ensure consistent water output and reduce water waste.

Key Features

- **6-Inch Pop-Up Height:** Clears taller grass and landscaping obstructions effectively.
- **30 PSI Pressure Regulation:** Integrated regulation ensures optimal nozzle performance, reducing misting and overspray for efficient water use.
- **Durable Construction:** Heavy-duty body and cap are designed to resist cracking, leaking, and UV damage, ensuring long-term reliability.
- **Nozzle Compatibility:** Designed for use with Hunter MP Rotator nozzles, fixed arc nozzles, adjustable arc nozzles, and most standard female-threaded spray tips.
- **Note:** This product is a sprinkler body only and does not include a nozzle. A separate nozzle must be purchased and installed for operation.



A vertical, black, cylindrical sprinkler body with a white and blue label. The top has a brown cap. The label features the Hunter logo in blue, followed by the model name in white on a blue background, and technical specifications in white and blue. At the bottom of the label, it says 'The Professional's Choice' and 'La elección del profesional'. The bottom of the label also includes the Hunter Industries website.

Hunter®

**6" PRO-SPRAY®
PRS30**

**30 PSI Pressure-Regulated
Sprinkler Body**

Cuerpo de aspersor de 6"
con presión regulada de 30 PSI

The Professional's Choice
La elección del profesional

Fast on Innovation® | hunterindustries.com

A detailed view of the Hunter 6-Inch Pro-Spray PRS-30 sprinkler body, showcasing its robust design and labeling.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your sprinkler system. Follow these steps carefully.

Required Tools and Materials (Not Included)

- Shovel or trenching tool
- Pipe cutters or saw
- Thread sealant tape (Teflon tape)
- Compatible sprinkler nozzle (Hunter MP Rotator, fixed arc, or adjustable arc)
- Water source connection and irrigation piping

Installation Steps

1. **Plan Layout:** Determine the optimal placement for sprinkler heads to ensure even coverage. Consider the throw distance and arc of your chosen nozzle.
2. **Dig Trenches:** Excavate trenches to the appropriate depth for your irrigation piping, ensuring the top of the sprinkler body will be flush with the ground level when installed.
3. **Connect Piping:** Install your irrigation piping according to your system design.
4. **Prepare Sprinkler Body:** Apply thread sealant tape to the male threads of the sprinkler body's inlet to ensure a watertight seal.
5. **Attach Nozzle:** Carefully screw your chosen sprinkler nozzle into the top of the sprinkler body. Ensure it is hand-tightened securely.
6. **Install Sprinkler Body:** Connect the sprinkler body to the irrigation piping. Ensure the top of the sprinkler body is level with the ground surface to prevent damage from lawn equipment and ensure proper pop-up.
7. **Flush System:** Before backfilling, briefly turn on the water supply to flush out any debris from the pipes. This prevents clogging of the nozzle.
8. **Adjust Nozzle (if applicable):** If using an adjustable nozzle, make initial arc and radius adjustments as needed. Refer to the nozzle's specific instructions.
9. **Backfill Trenches:** Carefully backfill the trenches, compacting the soil around the sprinkler heads.





An installed Hunter sprinkler head emerges from the grass, actively spraying water across a well-maintained lawn.

OPERATING INSTRUCTIONS

The Hunter Pro-Spray PRS-30 body operates as part of an automated irrigation system. Its primary function is to provide

a stable pressure environment for the attached nozzle.

System Activation

- Ensure your irrigation controller is programmed correctly for desired watering times and zones.
- Verify that the main water supply to your irrigation system is open.
- When the programmed zone activates, the sprinkler head will pop up and begin watering according to the installed nozzle's pattern.

Nozzle Adjustment (Nozzle Dependent)

Adjustments to the spray pattern, arc, and radius are made directly on the installed nozzle, not on the sprinkler body itself. Refer to the specific nozzle's instruction manual for detailed adjustment procedures.

Pressure Regulation

The integrated 30 PSI pressure regulator ensures that the water pressure delivered to the nozzle is consistent, regardless of fluctuations in main line pressure. This optimizes nozzle performance, reduces water waste from misting, and promotes uniform coverage across the watering zone.



Multiple Hunter sprinkler heads are visible, watering a vibrant flower bed with various colorful plants.

MAINTENANCE

Regular maintenance helps ensure the efficiency and longevity of your sprinkler system and the Pro-Spray PRS-30 body.

- **Seasonal Check:** At the beginning of each watering season, inspect all sprinkler heads for proper operation, pop-up, and retraction. Ensure they are not obstructed by grass or debris.
- **Clean Nozzles:** Periodically check nozzles for debris (dirt, grass clippings) that may obstruct the spray pattern. If clogged, carefully remove the nozzle and rinse it with clean water.
- **Filter Screen:** The sprinkler body contains a filter screen at the inlet to prevent debris from entering the nozzle. If water flow is reduced, carefully remove the nozzle and then the filter screen for cleaning. Rinse thoroughly and reinsert.
- **Winterization:** In regions subject to freezing temperatures, properly winterize your irrigation system to prevent damage. This typically involves shutting off the water supply and blowing out the lines with compressed air. Consult a professional if unsure about the correct procedure for your system.



A Hunter sprinkler head is shown actively watering a lush garden area, demonstrating its coverage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprinkler head does not pop up	Low water pressure; Clogged nozzle/filter; Damaged riser	Check main water supply and system pressure; Clean nozzle and filter screen; Replace damaged sprinkler body.
Uneven spray pattern	Clogged nozzle; Incorrect nozzle adjustment; Damaged nozzle	Clean nozzle; Adjust nozzle arc/radius according to nozzle instructions; Replace damaged nozzle.

Problem	Possible Cause	Solution
Water leaks from base of head	Loose connection; Damaged seal	Tighten connection to piping; Replace sprinkler body if internal seal is damaged.
Excessive misting	High water pressure (despite regulation)	The PRS-30 body has built-in pressure regulation to 30 PSI. If misting persists, check overall system pressure or ensure the correct PRS-30 model is installed. If system pressure is extremely high, additional pressure reduction may be needed upstream.

SPECIFICATIONS

- **Model:** RTLPROS06PRS30
- **Pop-Up Height:** 6 inches (15 cm)
- **Overall Body Height:** 8.75 inches (22.2 cm)
- **Inlet Size:** 1/2 inch female NPT
- **Pressure Regulation:** 30 PSI (2.1 bar)
- **Material:** Heavy-duty plastic
- **Compatible Nozzles:** Hunter MP Rotator, Fixed Arc, Adjustable Arc, and most standard female-threaded nozzles.
- **Dimensions (L x W x H):** 2.25 x 2.25 x 8.75 inches (5.7 x 5.7 x 22.2 cm)
- **Item Weight:** 5.3 ounces (150 g)
- **UPC:** 611698687802

WARRANTY AND SUPPORT

Hunter Industries products are manufactured to the highest quality standards and are backed by a limited warranty. For specific warranty details, please refer to the official Hunter Industries website or contact customer support directly. For technical assistance, troubleshooting, or to locate authorized service providers, please visit the [Hunter Industries website](#) or contact their customer support department.

Hunter Industries Customer Support:

- **Website:** www.hunterindustries.com
- **Phone:** (Refer to website for regional contact numbers)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

I just moved into a house with a Hunter Pro-Spray sprinkler system, but only one area of the yard is being watered. How do I solve this problem?

If only one area of your yard is being watered, it usually indicates that your irrigation controller is only activating one "zone" or that there is a physical blockage or setting issue with the...

[Read full answer](#)