

Hunter MP3000 90

Hunter MP3000 90 MP Rotator Sprinkler Head Instruction Manual

Model: MP3000 90

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Hunter MP3000 90 MP Rotator sprinkler heads. Proper use and care will ensure efficient and long-lasting performance of your irrigation system. Please read this manual thoroughly before proceeding with installation or operation.

SAFETY INFORMATION

- Always turn off the water supply before installing or performing maintenance on sprinkler heads.
- Wear appropriate safety gear, such as gloves and eye protection, during installation.
- Ensure all connections are secure to prevent leaks and water waste.
- Keep small parts away from children to prevent choking hazards.

SETUP AND INSTALLATION

The Hunter MP3000 90 MP Rotator is designed for easy installation into standard sprinkler bodies. Follow these steps for proper setup:

1. **Prepare the Sprinkler Body:** Ensure the sprinkler body is free of debris and the internal filter screen is clean.
2. **Insert the MP Rotator:** Carefully thread the MP3000 90 nozzle onto the riser of the sprinkler body. Hand-tighten only. Do not overtighten, as this can damage the nozzle or body.
3. **Positioning:** Ensure the sprinkler body is installed flush with the ground level to prevent damage from lawn equipment.
4. **Water Supply:** Turn on the water supply slowly to check for leaks.



Image: A set of five Hunter MP3000 90 MP Rotator sprinkler heads, featuring a black body with a blue and gold top, and a white filter screen at the base. These nozzles are designed for efficient water distribution in irrigation systems.

OPERATING INSTRUCTIONS AND ADJUSTMENT

The MP3000 90 MP Rotator features an adjustable arc from 90° to 210° and a radius of 22 to 30 feet. Adjustments should be made while the water is running to observe the spray pattern.

1. **Arc Adjustment:** To adjust the arc, hold the top of the nozzle and rotate the outer ring. The arc can be set between 90 and 210 degrees.
2. **Radius Adjustment:** The radius can be reduced by up to 25% using a specialized MP adjustment tool (not included). Insert the tool into the top of the nozzle and turn clockwise to decrease the radius, or counter-clockwise to increase it. Do not force the adjustment beyond its limits.
3. **Pattern Alignment:** Ensure the fixed left edge of the spray pattern is correctly aligned with the desired coverage area.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your MP Rotator sprinkler heads.

- **Filter Screen Cleaning:** Periodically remove the nozzle and clean the internal filter screen to prevent clogging. Rinse under running water.
- **Debris Removal:** Inspect the nozzle for any debris that may obstruct the spray pattern. Carefully remove any blockages.
- **Winterization:** In freezing climates, ensure your irrigation system is properly winterized to prevent damage to the sprinkler heads and pipes. Consult a local irrigation professional if unsure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No water or low flow	Clogged filter screen or nozzle; insufficient water pressure.	Clean filter screen and nozzle. Check main water supply and system pressure.
Uneven spray pattern	Debris in nozzle; incorrect arc/radius adjustment.	Clean nozzle. Re-adjust arc and radius settings.
Leaks at the base of the nozzle	Nozzle not tightened properly; damaged O-ring or sprinkler body.	Hand-tighten the nozzle. Inspect and replace O-ring or sprinkler body if damaged.

SPECIFICATIONS

Model: Hunter MP3000 90 MP Rotator

Material: Plastic

Style: Rotary

Adjustable Arc: 90° - 210°

Radius: 22 - 30 feet

Maximum Pressure: 40 PSI (Pound per Square Inch)

Maximum Flow Rate: 0.4 LPM (Liters Per Minute)

Item Weight: 1.76 ounces (per nozzle)

UPC: 011698357192

WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the official Hunter Industries website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Contact Information: Please visit www.hunterindustries.com for the latest support resources and contact details.