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> FANHAO Heavy Duty Pulsating Impact Lawn Sprinkler with Metal Base - User Manual

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INTRODUCTION

Thank you for choosing the FANHAO Heavy Duty Pulsating Impact Lawn Sprinkler. This manual provides essential information for the proper setup, operation, and maintenance of your sprinkler to ensure efficient and effective watering for your lawn and garden. Please read these instructions carefully before use.

SAFETY INFORMATION

- Always ensure the sprinkler is placed on a stable, level surface to prevent tipping during operation.
- Do not use this sprinkler with hot water. Connect only to a cold water supply.
- Avoid using the sprinkler with water pressure exceeding 80 PSI (5.5 BAR) to prevent damage.
- Detach the sprinkler from the hose and drain all water before freezing weather to prevent damage from ice expansion.
- Keep the sprinkler away from electrical connections or outlets.
- Supervise children and pets when the sprinkler is in use.

PACKAGE CONTENTS

Verify that all components are present:

- 1 x Pulsating Impact Sprinkler Head (Zinc Alloy)
- 1 x Metal Sled Base
- 1 x Built-in Leakproof Gasket (pre-installed in hose connector)

PRODUCT OVERVIEW

The FANHAO Pulsating Impact Lawn Sprinkler features a durable all-metal construction designed for longevity and reliable performance. Key components include:



Figure 1: Overview of the FANHAO Pulsating Impact Sprinkler. This image highlights the Distance Control Adjustable Deflector, Spray Control Diffuser Screw, 360 Degree Rotation Clip, and the Built-in Leakproof Gasket.

- **Pulsating Head:** The upper section responsible for water distribution, made from zinc alloy.
- **Metal Sled Base:** Provides stability and prevents the sprinkler from moving during operation.
- **Hose Connector:** Standard 3/4-inch connection point for your garden hose, equipped with a leakproof gasket.
- **Distance Control Adjustable Deflector:** A knob on top of the sprinkler head to adjust the spray distance.
- **Spray Control Diffuser Screw:** A small pin that can be adjusted to change the water spray from a gentle mist to a powerful jet.
- **Rotation Control Collars/Clips:** Adjustable clips located at the base of the pulsating head to set the watering arc from 20 degrees to a full 360 degrees.

SETUP

Setting up your FANHAO sprinkler is quick and easy:

1. **Position the Sprinkler:** Place the metal sled base on a flat, stable area within your desired watering zone.
2. **Connect the Hose:** Attach your standard 3/4-inch garden hose to the sprinkler's hose connector on the base. Ensure the connection is tight to prevent leaks. The built-in gasket helps create a secure seal.
3. **Turn on Water:** Slowly turn on your water faucet. The sprinkler will begin to operate as water pressure increases.



Figure 2: The sprinkler connected to a garden hose, ready for operation. Ensure a secure connection to prevent leaks.

OPERATING INSTRUCTIONS

Your FANHAO sprinkler offers adjustable settings for precise watering:

Adjusting Spray Area (Arc)

The sprinkler can water a partial circle (20 degrees) or a full 360-degree circle.

- **For Partial Circle Watering:** Adjust the two metal rotation control collars/clips at the base of the pulsating head. Move them to the desired positions to define the start and end points of the watering arc. The sprinkler head will rotate back and forth between these two points.
- **For Full 360-Degree Watering:** Flip up the metal clip that holds the rotation control collars together. This allows the sprinkler head to rotate continuously in a full circle.



Figure 3: Detail of the rotation control clips used to set the watering arc.

Adjusting Spray Distance

The distance the water sprays can be adjusted using the deflector on top of the sprinkler head.

- **To Increase Distance:** Turn the knob on the distance control adjustable deflector towards 'MAX'.
- **To Decrease Distance:** Turn the knob on the distance control adjustable deflector towards 'MIN'.



Figure 4: The adjustable deflector knob for controlling spray distance.

Adjusting Spray Pattern/Intensity

The diffuser pin allows you to customize the water spray from a fine mist to a powerful jet.

- **For a Gentle Mist:** Turn the diffuser pin to the left.
- **For a Powerful Jet:** Turn the diffuser pin to the right.



Figure 5: The diffuser screw for adjusting spray pattern and intensity.



Figure 6: Examples of adjustable spray patterns, from a wide mist to a focused stream.

Large Area Coverage

This sprinkler is designed to cover large areas, up to 5800 sq. ft., depending on water pressure and adjustments.

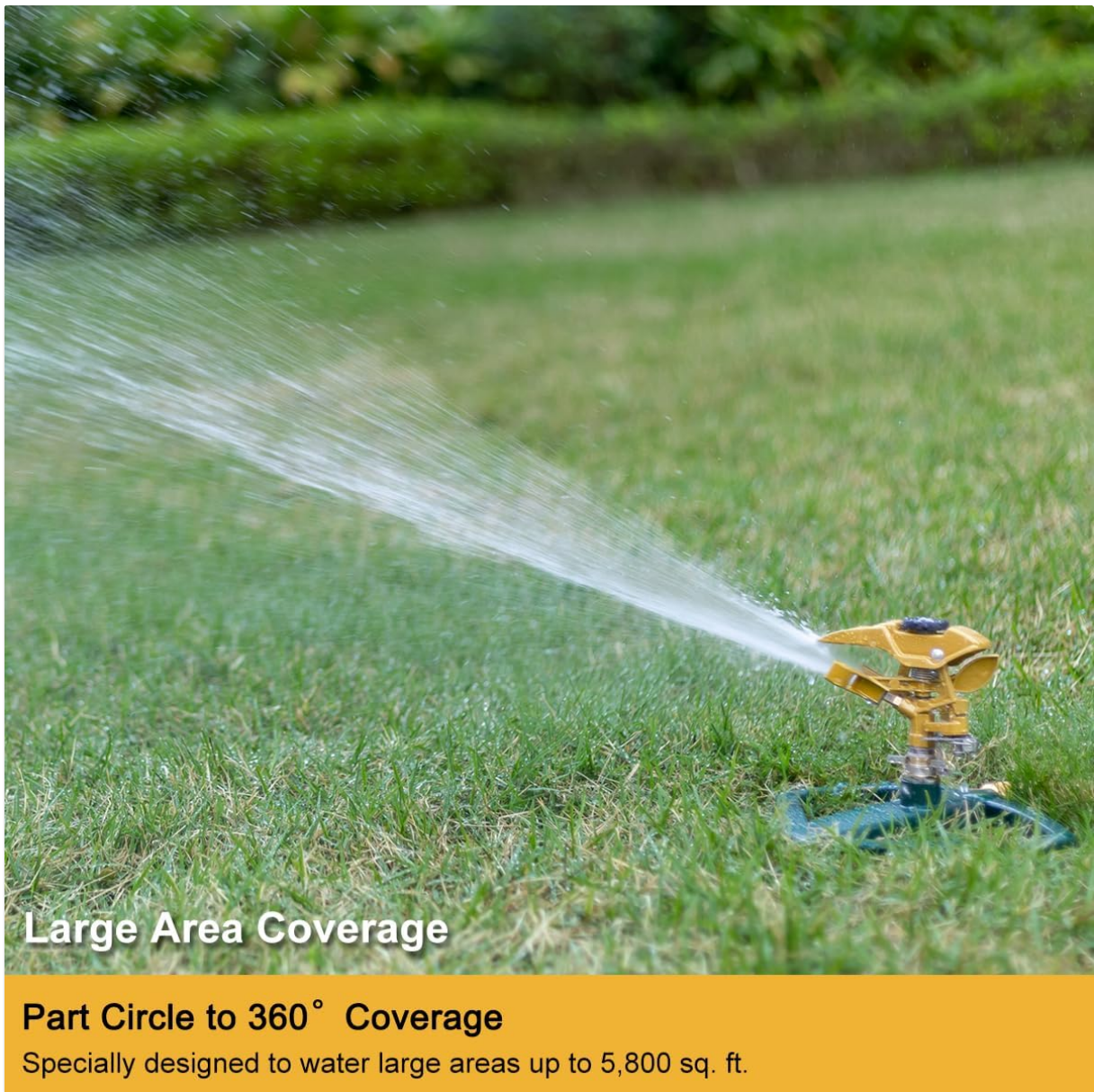


Figure 7: The sprinkler effectively watering a large section of a lawn.

Video Demonstration

Watch this video for a visual guide on the sprinkler's operation and features:

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Video 1: A demonstration of the FANHAO Heavy Duty Pulsating Impact Lawn Sprinkler with Base in action, showcasing its spray capabilities and adjustments.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sprinkler:

- **Cleaning:** Periodically check the sprinkler head for any debris (e.g., grass, dirt) that might obstruct the nozzle or moving parts. Clean with water and a soft brush if necessary.
- **Winter Storage:** Before the first frost, disconnect the sprinkler from the hose and drain all water from both the sprinkler and the hose. Store the sprinkler in a dry, protected area to prevent freezing damage.
- **Gasket Inspection:** Occasionally inspect the hose connector gasket for wear or damage. Replace if necessary to maintain a leak-free connection.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprinkler not rotating or rotating slowly	Low water pressure; Obstruction in head; Rotation clips engaged for partial circle.	Increase water pressure; Check for and remove debris from the sprinkler head; Ensure rotation clips are disengaged for full 360-degree rotation.
Uneven spray pattern	Diffuser pin misadjusted; Debris in nozzle.	Adjust the diffuser pin for desired spray pattern; Clean any debris from the nozzle.
Water leaking from hose connection	Loose connection; Damaged gasket.	Tighten the hose connection; Inspect and replace the gasket if damaged.
Sprinkler tips over	Uneven ground; Excessive water pressure.	Place on a level surface; Reduce water pressure if it's too high.

SPECIFICATIONS

Feature	Detail
Brand	FANHAO
Model	Heavy Duty Pulsating Impact Lawn Sprinkler with Metal Base
Material	Zinc Alloy (Head and Base)
Color	Green (Base), Gold (Head)
Style	Pulsating Impact
Coverage Area	Up to 5800 sq. ft.
Adjustable Arc	20° to 360°
Hose Connection	Standard 3/4-inch Garden Hose
Item Dimensions (L x W x H)	5.91 x 8.66 x 8.86 inches

WARRANTY & SUPPORT

FANHAO offers a **3-year return and refund guarantee** from the date of receipt of shipment if you are not satisfied with your water sprinkler. No questions asked.

For any product issues or questions, please contact FANHAO customer support directly via email at fm_usa@sina.com for prompt assistance.