

SUNGOOYUE SUNGOOYUEhsd4tmvxi8

SUNGOOYUE Impact Sprinkler Instruction Manual

Model: SUNGOOYUEhsd4tmvxi8

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your SUNGOOYUE Impact Sprinkler. Designed for efficient and automatic irrigation, this sprinkler is suitable for various applications including garden greening, flower beds, and orchards. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

The SUNGOOYUE Impact Sprinkler features automatic rotation for wide area coverage, operates efficiently within a pressure range of 0.2 to 0.6 MPa to conserve water, and offers an extended coverage range of 18 to 36 meters. Its 1-inch FNPT interface ensures easy and quick installation.

2. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present. If any parts are missing or damaged, please contact customer support.

- 1 x Irrigation Sprinkler
- 3 x Nozzles (various sizes for different spray patterns)
- 2 x Accessories (likely adjustment tools or additional connectors)



Image: The SUNGOOYUE Impact Sprinkler shown with its three interchangeable nozzles and two accessories, likely a wrench and an Allen key, indicating a complete package.

3. SETUP

Follow these steps to properly set up your impact sprinkler:

1. **Choose Location:** Select a suitable location in your garden or lawn that requires irrigation. Ensure the area is clear of obstructions that might interfere with the sprinkler's rotation or spray pattern.
2. **Attach Nozzle:** Select one of the three provided nozzles based on your desired spray pattern and water flow. Carefully screw the chosen nozzle into the sprinkler head.
3. **Connect to Water Source:** The sprinkler is equipped with a 1-inch FNPT (Female National Pipe Taper) interface. Connect a compatible hose or pipe with a 1-inch MNPT (Male National Pipe Taper) fitting to the base of the sprinkler. Ensure the connection is secure to prevent leaks.



Image: A detailed view of the yellow 1-inch FNPT threaded connection at the base of the sprinkler, ready for attachment to a water hose or pipe.

4. **Secure Sprinkler:** If using a portable setup, ensure the sprinkler base is stable on the ground. For permanent installations, consider mounting options to prevent tipping during operation.

4. OPERATING INSTRUCTIONS

Once the sprinkler is set up, follow these steps for operation:

1. **Turn on Water Supply:** Slowly turn on the water supply to the connected hose or pipe. The sprinkler operates optimally within a pressure range of 0.2 to 0.6 MPa.
2. **Observe Rotation:** The sprinkler head is designed to rotate automatically, providing an impact effect for even water distribution.
3. **Adjust Rotation Angle (if applicable):** The sprinkler offers a 360-degree adjustable rotation. Depending on the model, adjustment mechanisms (often clips or collars at the base of the rotating head) allow you to set a specific arc of coverage if full 360-degree rotation is not desired. Refer to the specific markings on your sprinkler for precise adjustment.
4. **Monitor Coverage:** Observe the water spray pattern and coverage area. The range can extend from 18 to 36 meters depending on water pressure and nozzle choice. Adjust water pressure at the source if necessary to achieve the desired range.



Image: A close-up of the upper part of the sprinkler, highlighting the impact arm and the mechanism responsible for its automatic rotation and water distribution.

5. **Turn off Water Supply:** When irrigation is complete, turn off the water supply.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your sprinkler.

- **Clean Nozzles:** Periodically check the nozzles for any debris or mineral buildup that might obstruct the water flow. Use a small brush or needle to clear any blockages.
- **Inspect Connections:** Regularly check all connections for leaks. Tighten fittings as needed.
- **Winter Storage:** Before freezing temperatures, disconnect the sprinkler from the water source, drain all water, and store it in a dry, protected area to prevent damage from freezing.
- **General Cleaning:** Wipe down the exterior of the sprinkler with a damp cloth to remove dirt and grime. Avoid using harsh chemicals.



Image: A close-up view of the impact arm, spring, and pivot points of the sprinkler, which should be kept clean and free of debris for smooth operation.

6. TROUBLESHOOTING

If you encounter issues with your sprinkler, refer to the following common problems and solutions:

- **Sprinkler Not Rotating:**

- Check water pressure. Ensure it is within the recommended range of 0.2 to 0.6 MPa.
- Inspect for debris in the nozzle or the rotating mechanism. Clean as necessary.
- Ensure the impact arm moves freely.

- **Uneven Spray Pattern or Reduced Range:**

- Check for clogged nozzles. Clean thoroughly.
- Verify adequate water pressure.
- Ensure the correct nozzle is installed for the desired application.

• **Leaks at Connections:**

- Tighten all hose and pipe connections.
- Check for damaged washers or O-rings and replace if necessary.

7. SPECIFICATIONS

Feature	Specification
Item Type	Irrigation Sprinkler
Material	Alloy
Weight	Approx. 660g (1.46 lbs)
Operating Pressure	0.2 to 0.6 MPa
Rotation Angle	360 degrees (adjustable)
Flow Rate	5 to 25 m ³ /h
Coverage Range	18 to 36 meters
Product Size (L x H)	Approx. 24 x 19 cm (9.4 x 7.5 inches)
Interface	1 inch FNPT
Model Number	SUNGOOYUEhsd4tmvxi8
ASIN	B0G3KV8GC2

8. WARRANTY AND SUPPORT

Warranty information for the SUNGOOYUE Impact Sprinkler is not provided within this manual. For details regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact SUNGOOYUE customer support directly through their official website or the retailer where the product was purchased.

For technical assistance or further inquiries, please visit the official SUNGOOYUE website or contact their customer service department.