

Orbit 27793

ORBIT 27793 T-Post Fence Sprinkler User Manual

Model: 27793

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your ORBIT 27793 T-Post Fence Sprinkler. Please read this manual thoroughly before use to ensure safe and efficient operation and to maximize the lifespan of your product.

2. SAFETY INFORMATION

- Always turn off the water supply before connecting, disconnecting, or adjusting the sprinkler.
- Do not operate the sprinkler with damaged parts. Inspect the unit regularly for wear or damage.
- Keep children and pets away from the sprinkler during operation.
- Ensure all connections are secure to prevent leaks and water waste.
- Do not use the sprinkler with water temperatures exceeding 110°F (43°C).

3. PACKAGE CONTENTS

The ORBIT 27793 T-Post Fence Sprinkler (2-Pack) includes the following components:

- 2 x ORBIT 27793 T-Post Fence Sprinklers
- Instruction Manual (this document)



Image: Two Orbit 27793 T-Post Fence Sprinklers, showing the green metal body, sprinkler head, and T-post attachment mechanism.

4. PRODUCT FEATURES

- **Large-area coverage:** Sprays up to 85 feet in diameter, covering 5,670 square feet when set to a full circle.
- **Durable construction:** Quality zinc materials ensure longevity.
- **Attaches to posts:** Slides over the top of standard metal T-posts, suitable for irrigation and dust control.
- **Adjustable coverage:** Easily adjust spray coverage from a partial section to full 360° watering.
- **Customizable settings:** Use the deflector shield and diffuser screw to alter the stream and change the spray distance radius anywhere from 20 to 42 feet.



Image: Close-up view of the Orbit 27793 T-Post Fence Sprinkler head, highlighting the adjustable components like the deflector shield and diffuser screw.

5. SETUP

1. Attach to T-Post:

Slide the sprinkler's mounting bracket over the top of a standard metal T-post. Ensure the sprinkler is seated firmly on the post. The bracket is designed to fit securely.

2. Secure the Sprinkler:

Tighten the screws on the side of the mounting bracket to firmly secure the sprinkler to the T-post. This prevents movement during operation.

3. Connect Water Hose:

Attach a standard garden hose to the inlet connection at the base of the sprinkler. Hand-tighten the connection to prevent leaks. Ensure a washer is properly seated in the hose connection.

4. Positioning:

Place the T-post with the attached sprinkler in the desired watering area. Consider the sprinkler's coverage area (up to 85 feet diameter) when positioning.

6. OPERATING INSTRUCTIONS

1. Turn on Water Supply:

Slowly turn on the water supply to the hose. Observe the sprinkler's operation.

2. Adjust Spray Coverage (Partial to 360°):

The sprinkler features adjustable stops on the base of the sprinkler head. To set a partial watering pattern, move the two metal clips to the desired start and end points of the spray arc. For continuous 360° watering, move both clips out of the way or to their widest setting.

3. Adjust Spray Distance/Radius (20 to 42 feet):

The diffuser screw located on the top of the sprinkler head can be adjusted to change the spray distance. Turning the screw clockwise will decrease the spray distance, while turning it counter-clockwise will increase it. The deflector shield can also be used to fine-tune the stream and distance.

4. Adjust Water Stream:

The deflector shield can be flipped up or down to alter the trajectory and pattern of the water stream. Experiment with its position to achieve the desired spray.

7. MAINTENANCE

- **Cleaning Nozzle:** Periodically check the sprinkler nozzle for debris or mineral buildup. If clogged, turn off the water, remove the sprinkler head (if possible), and clean the nozzle with a small brush or pin.
- **Winterization:** Before the first frost, disconnect the sprinkler from the hose and drain all water from the unit. Store the sprinkler in a dry, protected area to prevent freeze damage.
- **Inspect Connections:** Regularly check hose connections and T-post attachment for tightness and wear. Replace worn washers as needed.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprinkler not rotating or rotating slowly.	Low water pressure, clogged nozzle, or debris in the sprinkler mechanism.	Check water pressure. Clean the nozzle and internal components. Ensure no obstructions are impeding rotation.
Uneven spray pattern or reduced distance.	Clogged nozzle, incorrect diffuser screw setting, or low water pressure.	Clean the nozzle. Adjust the diffuser screw. Verify adequate water pressure.
Water leaking from connections.	Loose connection, worn washer, or damaged hose.	Tighten hose connections. Replace worn rubber washers. Inspect hose for damage.
Sprinkler detaches from T-post.	Mounting screws are loose or T-post is not standard size.	Ensure mounting screws are securely tightened. Verify T-post compatibility.

9. SPECIFICATIONS

- **Model Number:** 27793

- **Brand:** Orbit
- **Material:** Metal, Zinc
- **Coverage Area:** Up to 5,670 sq ft (85 ft diameter)
- **Spray Distance Radius:** 20 to 42 feet (adjustable)
- **Item Dimensions (L x W x H):** 8 x 4 x 8 inches
- **UPC:** 840041554052

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Orbit customer service directly. Refer to the product packaging or Orbit's official website for the most current contact details.

Note: This manual is for informational purposes only. Specifications are subject to change without notice.