Rain Bird 3500TREE

Rain Bird 3500 Series Nozzle Tree Instruction Manual

Model: 3500TREE

1. Product Overview

The Rain Bird 3500 Series Nozzle Tree (Model: 3500TREE) is a collection of interchangeable nozzles designed for use with Rain Bird 3500 Series Rotor Sprinklers. This component provides a variety of spray patterns and throw distances, allowing for precise customization of your irrigation system to meet specific landscape needs. Each nozzle is color-coded for easy identification and selection.



Figure 1: Rain Bird 3500 Series Nozzle Tree. This image displays the blue plastic nozzle tree, which holds various interchangeable nozzles for the 3500 series rotor sprinklers.

2. Installation and Setup

The nozzle tree itself is a storage and selection tool. The individual nozzles from the tree are installed into a compatible Rain Bird 3500 Series Rotor Sprinkler. Follow these general steps for nozzle installation:

1. **Identify the Correct Nozzle:** Select the appropriate nozzle from the tree based on your desired spray pattern and radius. Refer to your Rain Bird 3500 Series Rotor manual for specific nozzle performance data.
2. **Access the Rotor:** Ensure the water supply to the sprinkler system is turned off. Gently pull up the riser of the 3500 Series rotor to expose the nozzle housing.
3. **Remove Existing Nozzle (if applicable):** If a nozzle is already installed, use a small flat-head screwdriver or the Rain Bird rotor tool to pry it out from the nozzle slot.
4. **Insert New Nozzle:** Firmly push the selected nozzle into the nozzle slot of the rotor. Ensure it is seated completely and securely. The nozzle should click into place or feel snug.
5. **Adjust Arc and Radius:** After installing the nozzle, adjust the arc and radius of the 3500 Series rotor as per the instructions in your rotor's manual to achieve optimal coverage.

6. **Test System:** Turn on the water supply and observe the sprinkler's operation to ensure the nozzle is functioning correctly and providing the desired coverage.

3. Operation Considerations

The nozzle tree itself does not operate; it is a component. The operation refers to the performance of the 3500 Series rotor once a nozzle from this tree is installed. Proper nozzle selection is crucial for efficient irrigation.

- **Nozzle Selection:** Choose nozzles that provide the correct precipitation rate and throw distance for your specific landscape zones. Mixing nozzles with significantly different precipitation rates in the same zone can lead to uneven watering.
- **Water Pressure:** Ensure your system's water pressure is within the recommended range for the 3500 Series rotors and the selected nozzles. Low pressure can result in poor spray patterns and reduced throw, while excessively high pressure can cause misting and water waste.
- **Arc and Radius Adjustment:** Fine-tune the arc and radius settings of your 3500 Series rotor after nozzle installation to prevent watering sidewalks, driveways, or other non-landscape areas.

4. Maintenance

Regular maintenance of your sprinkler nozzles ensures optimal performance and longevity of your irrigation system.

- **Inspect Nozzles Periodically:** Visually inspect nozzles for cracks, wear, or blockages at least once per season or if you notice changes in spray pattern.
- **Clean Clogged Nozzles:** If a nozzle appears clogged, turn off the water supply, remove the nozzle from the rotor, and gently clean it with a soft brush or by rinsing under water. Do not use sharp objects that could damage the nozzle orifice.
- **Replace Damaged Nozzles:** If a nozzle is cracked, severely worn, or cannot be cleaned effectively, replace it with a new one from the nozzle tree or a compatible Rain Bird replacement.

5. Troubleshooting

Common issues related to sprinkler nozzles and their potential solutions:

Problem	Possible Cause	Solution
Uneven spray pattern or reduced throw distance	Clogged nozzle, low water pressure, incorrect nozzle installed, damaged nozzle.	Clean or replace nozzle. Check water pressure at the source. Ensure correct nozzle for application.
Water misting excessively	Excessively high water pressure.	Install a pressure-regulating device or use a nozzle designed for higher pressures.
No water coming from sprinkler	Completely clogged nozzle, broken nozzle, or issue with the rotor itself.	Remove and clean/replace nozzle. If issue persists, inspect the rotor mechanism.

6. Specifications

- **Model:** 3500TREE
- **Manufacturer:** Rain Bird
- **Item Weight:** Approximately 0.16 ounces (0.01 lbs)
- **ASIN:** B00D75R6D4
- **Compatibility:** Designed for Rain Bird 3500 Series Rotor Sprinklers

7. Warranty and Support

For specific warranty information regarding the Rain Bird 3500 Series Nozzle Tree, please refer to the documentation provided with your Rain Bird 3500 Series Rotor Sprinkler or contact Rain Bird customer support directly. Warranty terms typically cover manufacturing defects.

For technical support or further assistance, please visit the official Rain Bird website or contact their customer service department. You may find additional resources and FAQs on their support pages.

Rain Bird Official Website: www.rainbird.com

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