Rain Bird 1806-15van

Rain Bird 1806 No Side Inlet Spray Head with 15van Nozzle User Manual

Model: 1806-15van

Product Overview

The Rain Bird 1800 Series spray heads are recognized globally for their reliability and robust construction. Designed for both commercial and residential applications, these spray heads feature heavy-duty materials and versatile functionality, ensuring long-term performance in various irrigation setups.

This specific model, the 1806, is a six-inch spray body designed without a side inlet, making it suitable for specific installation requirements. It comes equipped with a 15VAN nozzle, which allows for precise adjustment of the spray arc from 0° to 360° and provides a 15-foot radius. This adjustability makes it ideal for watering irregularly shaped areas, small grassy sections, flowerbeds, or shrubs, ensuring efficient water distribution and minimizing waste.

Key features include:

- Precision controlled flush at pop-down clears debris from unit, assuring positive stem retraction in all soil types.
- Six Inch Spray Body with No Side Inlet.
- Constructed of time-proven UV-resistant plastic and corrosion resistant stainless steel parts, assuring long product life.
- Easy arc adjustment from 0° to 360° for 15-VAN nozzles; 15’ Radius.



Figure 1: Rain Bird 1806 Spray Heads with 15VAN Nozzles. This image displays eight individual Rain Bird 1806 spray heads, each featuring a 15VAN nozzle. Also included is a small green and white SprinklerPartsWholesale flashlight keychain, indicating a bundled offer.

Setup and Installation

Proper installation is crucial for optimal performance and longevity of your Rain Bird 1806 spray head. Follow these steps carefully:

1. **Prepare the Trench:** Dig a trench from your main water line to the desired sprinkler location. Ensure the trench is deep enough to bury the sprinkler head and piping below ground level, typically 6-12 inches depending on local codes and frost lines.
2. **Connect to Lateral Line:** Attach the spray head to the lateral irrigation line using appropriate fittings (e.g., swing joint or flexible pipe) to allow for minor adjustments and prevent damage from ground shifts. Ensure all connections are watertight.
3. **Position the Head:** Place the spray head in the trench so that the top of the cap is flush with the finished grade of the landscape. This prevents tripping hazards and allows for proper pop-up and retraction.
4. **Backfill and Test:** Carefully backfill the trench, compacting the soil around the sprinkler head to secure its position. Before fully covering, briefly turn on the water to check for leaks and proper pop-up.
5. **Final Adjustment:** Once installed and water is on, adjust the nozzle arc as described in the "Operating" section to ensure proper coverage.

Operating Instructions

The 15VAN nozzle included with your Rain Bird 1806 spray head allows for easy adjustment of the spray pattern. This ensures efficient watering of specific areas.

1. **Identify the Adjustment Collar:** Locate the textured collar at the top of the nozzle.
2. **Adjust the Arc:** While the sprinkler is operating (water on), hold the base of the nozzle with one hand and rotate the top portion of the nozzle with the other hand. Rotate clockwise to decrease the arc and counter-clockwise to increase the arc. The arc can be adjusted from 0° to 360°.
3. **Set the Fixed Left Edge:** The left edge of the spray pattern is fixed. To adjust the overall orientation of the spray, you may need to slightly rotate the entire sprinkler body in the ground or adjust the swing joint connection.
4. **Check Coverage:** Observe the spray pattern to ensure it covers the desired area without watering sidewalks, driveways, or other non-landscape surfaces. Make fine adjustments as needed.

Maintenance

Regular maintenance helps ensure the long life and efficient operation of your Rain Bird 1806 spray head.

- **Clean Nozzles:** Periodically check nozzles for clogs from dirt, debris, or mineral buildup. If clogged, gently remove the nozzle and rinse it under running water. A soft brush can be used for stubborn debris.
- **Inspect for Leaks:** Regularly check around the base of the sprinkler head for any signs of leaks, which could indicate a damaged seal or fitting.
- **Check Pop-Up/Retraction:** Ensure the sprinkler stem pops up fully when water pressure is applied and retracts completely when the system is off. Obstructions around the head or low water pressure can affect this.
- **Winterization:** In regions subject to freezing temperatures, properly winterize your irrigation system to prevent damage. This typically involves draining the system or blowing out the lines with compressed air. Consult a local irrigation professional if unsure.

Troubleshooting

Problem	Possible Cause	Solution
Sprinkler not popping up fully.	Low water pressure, debris in head, damaged spring.	Check system pressure. Clean debris from around and inside the head. Replace head if spring is damaged.
No water coming from nozzle.	Clogged nozzle, no water to zone, broken pipe.	Clean nozzle. Check if the irrigation zone valve is open. Inspect pipes for breaks.
Water leaking from base of head.	Damaged seal, loose connection.	Tighten connections. Replace internal seals or the entire head if necessary.
Uneven spray pattern.	Partially clogged nozzle, incorrect arc adjustment.	Clean nozzle thoroughly. Re-adjust the nozzle arc as per operating instructions.

Specifications

Model Number: 1806-15van

Nozzle Type: 15VAN (Variable Arc Nozzle)

Spray Arc: 0° to 360° adjustable

Radius: 15 feet

Body Height: 6 inches (pop-up height not specified, but implied by 1806 model)

Inlet Connection: No Side Inlet

Material: UV-resistant Plastic, Stainless Steel

Manufacturer: RainBird

UPC: 723861902312

Warranty Information

Rain Bird products are manufactured to high standards and are designed for durability. Specific warranty details may vary by region and product. Please refer to the official Rain Bird website or contact their customer support for the most current and detailed warranty information applicable to your product.
Generally, Rain Bird warrants its products to be free from defects in material and workmanship under normal use and service for a specified period from the date of purchase. This warranty typically covers replacement or repair of defective parts. Damage resulting from improper installation, misuse, abuse, or acts of nature is usually not covered.

Customer Support

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please contact Rain Bird customer support.

Website: www.rainbird.com

Phone: Refer to the Rain Bird website for regional contact numbers.

Online Resources: The Rain Bird website offers a comprehensive library of product manuals, FAQs, and video tutorials.

When contacting support, please have your product model number (1806-15van) and purchase information readily available.

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