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Orbit 55662

Orbit 55662 Voyager II Professional 4" Adjustable Pop-Up Gear Drive Rotor Sprinkler Head Instruction Manual

PRODUCT OVERVIEW

The Orbit Voyager II Professional Gear Drive Rotor Sprinkler Head (Model 55662) is engineered for efficient and uniform watering across medium to large landscape areas. This manual provides essential information and step-by-step instructions for the proper installation, precise adjustment, effective operation, and routine maintenance of your sprinkler head, ensuring optimal performance and extended product life.



The Orbit Voyager II sprinkler head in operation, providing uniform water coverage to a green lawn.

KEY FEATURES

- **35-Foot Coverage:** Professional gear-drive rotor delivers uniform watering up to a 35 ft. radius with a 4 in. pop-up height, suitable for tall grass. The adjustable 40-360 degree arc targets specific landscape areas.
- **Complete Nozzle Kit:** Includes a matched-precipitation nozzle rack with nine high-efficiency nozzles (1.0, 2.0, 3.0, 4.0 GPM standard; 0.5, 1.5, 2.0, 3.0 low-angle; 8.0 pasture) for customizable coverage.

- **Low Precipitation Rate:** The pre-installed 3 GPM nozzle applies 0.24 in. per hour at 35 ft. spacing, effectively reducing runoff and puddling on slopes and clay soils. Operates efficiently at 60 PSI.
- **Professional Adjustment:** The included rotor key allows for precise adjustment of both radius (down to 75% distance) and arc in fine increments. A built-in filter prevents nozzle clogging from dirty water.
- **Universal Compatibility:** Features 3/4 in. female threads, making it compatible with Blu-Lock, Funny Pipe, and standard risers. It can replace rotors from major brands. Constructed with high-impact ABS and stainless steel for durability.

→ 2.85" →



→ 3/4" Threaded Inlet

Detailed dimensions of the Orbit Voyager II sprinkler head, including its 11.6-inch total length and 3/4-inch threaded inlet.



The included rack of ten bonus nozzles, offering various flow rates and spray angles for customized watering.

INSTALLATION GUIDE

The Orbit Voyager II is designed for straightforward installation, whether you are replacing an existing sprinkler head or integrating it into a new irrigation system. Ensure all connections are secure to prevent leaks.

- 1. Prepare the Area:** Dig a hole around the existing sprinkler or at the desired new location, ensuring enough space to work with the pipe connection.
- 2. Connect the Sprinkler:** The Voyager II features a 3/4 inch female pipe thread inlet. Connect it securely to your irrigation pipe or riser. For new installations, use appropriate fittings like Blu-Lock or Funny Pipe.
- 3. Positioning:** Ensure the top of the sprinkler head is flush with the ground level to allow for proper pop-up and retraction.
- 4. Backfill:** Carefully backfill the soil around the sprinkler head, ensuring it remains upright and level.



Illustration of the 3/4-inch threaded inlet, demonstrating compatibility with standard irrigation piping.

Installation and Adjustment Video Guide

Your browser does not support the video tag.

This video demonstrates the installation process of the Orbit Voyager II sprinkler head and provides visual instructions for adjusting its spray pattern and distance. It shows how to use the included adjustment key and change nozzles for optimal coverage.

ADJUSTMENT INSTRUCTIONS

The Orbit Voyager II offers flexible adjustment options for both spray arc and distance to suit your landscape needs. Use the provided adjustment key for precise control.

- 1. Arc Adjustment:** The sprinkler head can be adjusted from 40 to 360 degrees. Insert the adjustment

key into the designated slot on the top of the sprinkler head and rotate to set the desired arc.

- Radius (Distance) Adjustment:** To adjust the spray distance, use the adjustment key or a flathead screwdriver to turn the radius adjustment screw located on the top of the sprinkler head. Turning it clockwise decreases the distance, while counter-clockwise increases it. The distance can be reduced by up to 75%.
- Nozzle Replacement:** To change the nozzle, gently pull up the riser to expose the nozzle. Use the adjustment key to remove the existing nozzle and insert a new one from the included kit, selecting the appropriate GPM and angle for your watering requirements.



Top view of the sprinkler head indicating adjustment points for coverage (40-360 degrees) and spray distance (25-45 ft) using a flathead screwdriver.



Top view of the sprinkler head illustrating how to adjust radius and arc, and change nozzles using the provided key.

OPERATION

The Orbit Voyager II operates efficiently and quietly, ensuring your lawn receives consistent watering without disruption.

- Pop-Up Mechanism:** When your irrigation system activates, the sprinkler head will pop up 4 inches above ground level to begin watering. Once the cycle is complete and water pressure drops, it retracts flush with the ground, remaining discreet and protected.
- Quiet Gear Drive:** The gear drive mechanism ensures smooth, quiet rotation and uniform water distribution across the set arc.
- Water Conservation:** The low precipitation rate helps prevent water waste by reducing runoff, especially beneficial for sloped areas and clay soils.



The Orbit Voyager II sprinkler head actively spraying water, demonstrating its effective coverage.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Orbit Voyager II sprinkler head.

- **Filter Cleaning:** The sprinkler head includes a built-in bottom filter designed to prevent nozzles from clogging. Periodically inspect and clean this filter to maintain optimal water flow and prevent blockages.
- **Winterization:** In colder climates, ensure proper winterization of your irrigation system to prevent damage from freezing water. Consult a local irrigation professional if unsure about the correct procedure.
- **Water Source:** This product is intended for outdoor irrigation use with cold water only.

TROUBLESHOOTING

If your Orbit Voyager II sprinkler head is not performing as expected, consider the following common issues:

- **Uneven Spray or Low Pressure:** Check the water pressure at the source. Ensure the filter is clean and free of debris. Verify that the correct nozzle is installed and properly seated.
- **Sprinkler Not Popping Up:** Insufficient water pressure is a common cause. Check for leaks in the system or blockages in the supply line. Ensure the sprinkler head is not obstructed by soil or grass.
- **Incorrect Arc or Distance:** Refer to the "Adjustment Instructions" section to re-calibrate the arc and radius settings using the provided key.
- **Leaking:** Inspect all connections for tightness. Ensure the sprinkler head is properly seated and not damaged.

PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Orbit
Model Number	55662

Color	Black
Material	Plastic
Item Dimensions (L x W x H)	7.38 x 3 x 3 inches
Item Weight	9.6 ounces
Maximum Pressure	100 PSI
Maximum Flow Rate	9 Gallons Per Minute
Coverage Arc	40° to 360°
Spray Distance	25' - 52'
Pop-Up Height	4 inches
Inlet Thread Size	3/4 inch Female Pipe Thread
UPC	046878556621

WARRANTY AND SUPPORT

For detailed warranty information, product registration, or to access additional support resources, please visit the official Orbit Irrigation Products website or contact their customer service department. Keep your purchase receipt for warranty claims.