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› K-Rain RPS Select Rotor Sprinkler Instruction Manual

K-Rain RPS Select

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Model: RPS Select

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your K-Rain RPS Select Rotor Sprinkler. The RPS Select is a 3/4-inch gear drive rotor designed for efficient landscape irrigation, featuring four selectable built-in nozzles and an adjustable arc pattern from 40 to 360 degrees. Proper use and maintenance will ensure optimal performance and longevity of your sprinkler system.

SETUP

Installation

Install the RPS Select rotor sprinkler into your irrigation system's 3/4-inch inlet. Ensure the sprinkler is flush with the ground level when retracted. Connect the water supply and check for leaks before proceeding with adjustments.

Nozzle Selection and Arc Adjustment

The K-Rain RPS Select features four built-in selectable nozzles, eliminating the need for separate nozzle changes. The arc can be adjusted from 40 to 360 degrees to suit your specific watering needs. Use the provided adjustment key or a slotted screwdriver for these settings.

Video: RPS Select Rotor Sprinkler Overview. This video demonstrates how to select the appropriate nozzle and adjust the arc pattern on your K-Rain RPS Select rotor sprinkler using the adjustment key or a slotted screwdriver. It highlights the ease of switching between the four built-in nozzles and setting the desired spray arc from 40 to 360 degrees.



Image: Nozzle and Arc Adjustment Diagram. This diagram illustrates the top of the K-Rain RPS Select rotor, highlighting the four selectable nozzle positions (labeled 1-4) and the arc adjustment mechanism (indicated by '+' and '-' symbols). Use the provided key or a slotted screwdriver to rotate the arc setting and select the desired nozzle by aligning the indicator with the corresponding number.

1. **To Select a Nozzle:** Gently lift the pop-up riser. Using the adjustment key or a slotted screwdriver, rotate the nozzle selector dial to align with the desired nozzle number (1-4). Each nozzle offers a different flow rate and spray pattern.
2. **To Adjust the Arc:** Insert the adjustment key or a slotted screwdriver into the arc adjustment slot. Turn clockwise to increase the arc or counter-clockwise to decrease it. The arc can be set anywhere between 40 and 360 degrees.

OPERATION

Once installed and adjusted, the K-Rain RPS Select rotor will operate automatically as part of your irrigation system's schedule. Ensure your controller is programmed correctly for optimal watering times and durations. Observe the sprinkler's operation to confirm proper coverage and make any fine-tune adjustments as needed.



Image: RPS Select Sprinkler in Operation. The K-Rain RPS Select rotor sprinkler is shown in operation, delivering water efficiently

across a well-maintained lawn. The visible spray pattern demonstrates its coverage capabilities for landscape irrigation, ensuring uniform distribution.

MAINTENANCE

- **Regular Inspection:** Periodically check the sprinkler heads for any obstructions, debris, or damage. Clear any grass or dirt that may impede the pop-up mechanism or spray pattern.
- **Cleaning:** If the spray pattern appears distorted, the nozzle may be partially clogged. Carefully remove any debris from the nozzle opening.
- **Winterization:** In regions subject to freezing temperatures, it is crucial to properly winterize your irrigation system, including the RPS Select rotors, to prevent freeze damage. Consult your irrigation system's main manual for specific winterization procedures, typically involving draining or blowing out the lines.

TROUBLESHOOTING

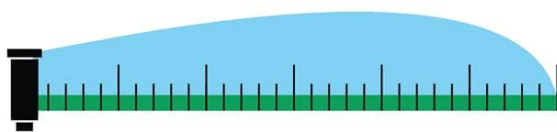
Problem	Possible Cause	Solution
Sprinkler not popping up	Low water pressure, debris in riser, damaged spring	Check system pressure, clean around riser, inspect for damage
Uneven spray pattern	Clogged nozzle, incorrect arc setting, damaged nozzle	Clean nozzle, adjust arc, replace if damaged
Water leaking from base	Loose connection, damaged seal	Tighten connection, inspect and replace seals if necessary
Sprinkler not rotating	Debris in gear drive, low pressure, damaged gears	Flush system, check pressure, professional service may be required

SPECIFICATIONS

RPS™ Select

RADIUS

33' - 46'



ARC ADJ RANGE

40°-360°



FLOW RANGE

1.3 - 6.8 GPM



INLET SIZE

3/4"



Image: K-Rain RPS Select Key Specifications. This infographic provides key performance specifications for the RPS Select rotor sprinkler, including its spray radius, adjustable arc range, water flow rate, and inlet connection size, offering a quick reference for system design and performance.

Feature	Detail
Brand	K-Rain
Model	RPS Select
Inlet Size	3/4 inch
Pop-Up Height	5 inches
Spray Distance (Radius)	25 - 46 feet (33 - 46 feet with specific nozzles)
Arc Adjustment Range	40 - 360 degrees
Nozzles	4 selectable built-in nozzles

Feature	Detail
Flow Range	1.3 - 6.8 GPM (Gallons Per Minute)
Maximum Pressure	80 PSI (Pound per Square Inch)
Material	Stainless Steel (internal components)
Dimensions (L x W x H)	8.39 x 7.13 x 3.35 inches
UPC	671923123512

WARRANTY INFORMATION

K-Rain products are designed for durability and performance. For specific warranty details regarding your RPS Select rotor sprinkler, please refer to the warranty documentation included with your purchase or visit the official K-Rain website. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need technical support, please contact K-Rain customer service. You can typically find contact information on the K-Rain official website or through your product retailer. Thank you for choosing K-Rain for your irrigation needs.

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

