



# ADJUSTABLE-ARC ROTARY NOZZLES



**ONE NOZZLE FOR ALL ARC SETTINGS**

**WATER CONSERVING**

**MATCHED PRECIPITATION**

# ONE NOZZLE MANY SOLUTIONS

Designed to sit atop a standard pop-up spray head, K-Rain's viscous-controlled rotary nozzles offer a consistent rotation speed for highly uniform and efficient watering. Because they have only one moving part, they're designed to last for decades.

## With K-Rain Rotary Nozzle Technology You Get:

- **Water savings:** up to 30% more efficient than conventional sprays.
- **Low application rate:** reduces runoff on slopes and with clay soils.
- **High uniformity:** outstanding coverage, eliminates brown spots.
- **Matched precipitation:** across every arc and radius. Mix and match with traditional rotors.
- **Multiple stream technology:** beautiful to watch, wind-resistant.

## A Closer Look at the K-Rain Rotary Nozzle



### Color Coding

Indicates one of three radius options, easy identification

### Adjustable Arc

Infinite control for all patterns from 80° to 360°

### Viscous Control

Only one moving part, patent-pending

### Flow Control

Allows radius adjustment of up to 25%

### Outstanding Dirt Tolerance

Secondary pop-up provides added protection

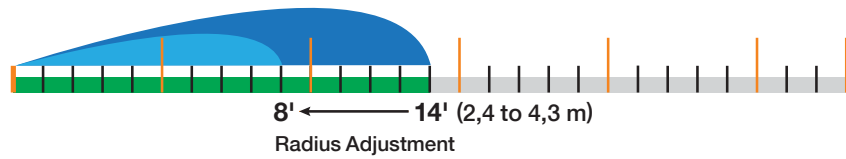
### Fits a Standard Spray Body

Threads onto a standard pop-up spray body

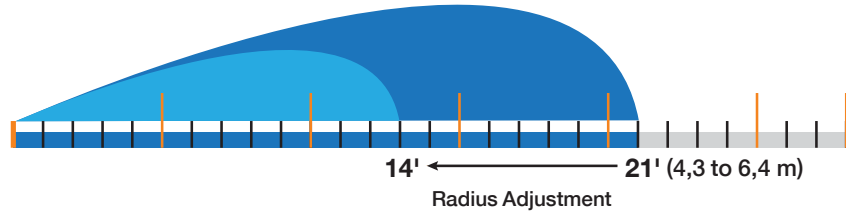
## Three Nozzle Radius Options



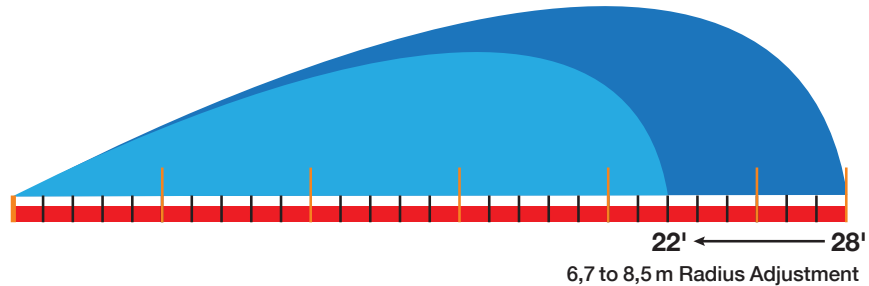
**RN-100  
GREEN**



**RN-200  
BLUE**



**RN-300  
RED**



## For Both New Systems & Existing Systems

### New Installations

Thanks to their low flow rates, K-Rain rotary nozzles streamline the installation of new systems, reducing both labor and material costs.

- More heads per zone (smaller pipe, fewer valves and smaller controller).
- Mix and match with traditional rotors to cover smaller areas.
- Efficient watering of parkway strips, medians, side yards and more.
- Choice of radius options accommodates curved landscape designs.

### Water-Smart Retrofits





K-Rain rotary nozzles can improve virtually any existing system's water efficiency. They also restore the viability of installations with poor coverage or inadequate hydraulics.





- Easily correct for uniformity and brown spot problems.
- Reduce water use by up to 30% without sacrificing turf quality.
- Correct for improper spacing of existing spray heads.
- Low pressure operation for marginal systems.









# Technical Features and Specifications:

Performance Data			Inches Per Hour			Millimeters Per Hour				
RN100-ADJ	Pressure PSI	Radius FT	Flow GPM	Precip 	Precip 	Pressure Bars	Radius Meters	Flow LPM	Precip 	Precip 
90° Green	30	12	0.18	0.46	0.53	2,07	3,66	0,68	9	10
	40	13	0.19	0.44	0.51	2,76	3,96	0,72	10	12
	50	14	0.26	0.48	0.56	3,45	4,27	0,98	11	13
180° Green	30	12	0.35	0.46	0.53	2,07	3,66	1,32	10	12
	40	13	0.39	0.44	0.51	2,76	3,96	1,48	11	12
	50	14	0.52	0.48	0.56	3,45	4,27	1,97	12	14
360° Green	30	12	0.69	0.46	0.53	2,07	3,66	2,61	10	12
	40	13	0.77	0.44	0.51	2,76	3,96	2,91	11	12
	50	14	0.99	0.48	0.56	3,45	4,27	3,75	12	14

Performance Data			Inches Per Hour			Millimeters Per Hour				
RN200-ADJ	Pressure PSI	Radius FT	Flow GPM	Precip 	Precip 	Pressure Bars	Radius Meters	Flow LPM	Precip 	Precip 
90° Blue	30	17	0.31	0.39	0.45	2,07	5,18	1,17	9	10
	40	19	0.40	0.40	0.46	2,76	5,79	1,51	10	12
	50	21	0.44	0.40	0.46	3,45	6,40	1,67	11	13
180° Blue	30	17	0.59	0.39	0.45	2,07	5,18	2,23	10	12
	40	19	0.75	0.40	0.46	2,76	5,79	2,84	11	12
	50	21	0.85	0.40	0.46	3,45	6,40	3,22	12	14
360° Blue	30	17	1.18	0.39	0.45	2,07	5,18	4,47	10	12
	40	19	1.49	0.40	0.46	2,76	5,79	5,64	11	12
	50	20	1.66	0.40	0.46	3,45	6,40	6,28	12	14

Performance Data			Inches Per Hour			Millimeters Per Hour				
RN300-ADJ	Pressure PSI	Radius FT	Flow GPM	Precip 	Precip 	Pressure Bars	Radius Meters	Flow LPM	Precip 	Precip 
90° Red	30	28	0.70	0.41	0.48	2,07	8,53	2,65	9	10
	40	28	0.80	0.42	0.49	2,76	8,56	3,03	10	12
	50	28	0.90	0.47	0.55	3,45	8,53	3,41	11	13
180° Red	30	27	1.50	0.41	0.48	2,07	8,23	5,68	10	12
	40	27	1.60	0.42	0.49	2,76	8,23	6,06	11	12
	50	27	1.80	0.47	0.55	3,45	8,23	6,81	12	14
360° Red	30	26	2.90	0.41	0.48	2,07	7,92	10,98	10	12
	40	27	3.20	0.42	0.49	2,76	8,23	12,11	11	12
	50	27	3.60	0.47	0.55	3,45	8,23	13,63	12	14

Adjustable arc: 80 degrees to 360 degrees

Optimum operating pressure: 25-45 PSI (1,72 to 3,10 BAR)

Precipitation rate: .34 to .59 inches per hour, (8,63 to 14,99 mm/hr) depends on spacing

Fits standard spray bodies that use female-threaded nozzles

Models RN-100 and RN-200 can be used with K-Rain's Pro-S pressure regulated spray for optimal performance and radius control



## A Recognized Water Conserving Tool

Many government agencies recognize dramatic water savings that come from upgrading to rotary nozzles. K-Rain rotary nozzles are eligible for conservation rebates and incentives in many areas.

Check with your local water utility for information.

