



The latest enhancements to our Rotary Nozzle Series push the envelope on performance, ease of use and productivity!

ROTARY NOZZLE SERIES

K-Rain's rotary nozzles are the only combination allowing the contractor to carry fewer sku's in their trucks. The 90°–270° adjustable arc will fulfill 80%–90% of all arc adjustments usually required! The full 360° and specialty models complete the variety of pattern options.



K-Rain meets the highest standards of water efficiency in the industry today. Low precipitation rates remain proportionate even after arc and radius adjustment, thus delivering matched precipitation.

Durable Design: Molded with high-impact engineered resin for long life. The rugged composition protects the precise configuration of internal components making these rotary nozzles reliable in demanding conditions.

Water Smart Technology: Reduce water usage up to 30% without sacrificing turf quality.

Superior Uniformity: Multi-stream technology provides outstanding coverage eliminating brown spots. Viscous controlled rotation delivers water evenly, gradually & consistently allowing for proper penetration into the soil without waste or run-off.

Simple to Adjust: No screwdriver required! Our 90°–270° models are easily adjusted by hand or with the adjustment tool. Distance is simply adjusted by hand with the Flow Control Ring.

Double Pop-Up Design: Delivers additional protection from dirt and particulate intrusion and harsh conditions.



RETROFITS

K-Rain's rotary nozzles improve the water efficiency of almost any existing system. They also restore systems that have poor coverage or inadequate hydraulics.

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



Performance Data

RN100-ADJ-90-270 (medium green)

ARC DEGREE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP in/hr ↔ ▲	
90°	30	13	.22	.50	.58
	35	14	.24	.47	.54
	40	14	.25	.49	.57
	45	15	.28	.48	.55
	50	15	.30	.51	.59
180°	30	13	.44	.50	.58
	35	14	.47	.46	.53
	40	14	.50	.49	.57
	45	15	.58	.50	.57
	50	15	.60	.51	.59
270°	30	13	.66	.50	.58
	35	14	.71	.46	.54
	40	14	.75	.49	.57
	45	15	.88	.50	.58
	50	15	.90	.51	.59

Performance Data

RN100-FIX360 (light green)

ARC DEGREE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP in/hr ↔ ▲	
360°	30	13	.88	.50	.58
	35	14	.94	.46	.53
	40	14	1.00	.49	.57
	45	15	1.15	.49	.57
	50	15	1.20	.51	.59

Performance Data

RN200-ADJ-90-270 (medium blue)

ARC DEGREE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP in/hr ↔ ▲	
90°	30	16	.34	.51	.59
	35	17	.38	.51	.58
	40	18	.41	.49	.56
	45	19	.42	.45	.52
	50	19	.47	.50	.58
180°	30	16	.67	.50	.58
	35	17	.75	.50	.58
	40	18	.83	.49	.57
	45	19	.84	.45	.52
	50	19	.94	.50	.58
270°	30	16	1.01	.51	.58
	35	17	1.13	.50	.58
	40	18	1.24	.49	.57
	45	18	1.26	.50	.58
	50	19	1.41	.50	.58

Performance Data

RN200-FIX360 (light blue)

ARC DEGREE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP in/hr ↔ ▲	
360°	30	16	1.34	.50	.58
	35	17	1.50	.50	.58
	40	18	1.65	.49	.57
	45	19	1.68	.45	.52
	50	19	1.88	.50	.58

Performance Data

RN300-ADJ-90-270 (medium grey)

ARC DEGREE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP in/hr ↔ ▲	
90°	30	26	.80	.46	.53
	35	26	.85	.48	.56
	40	27	.90	.48	.55
	45	28	.95	.47	.54
	50	28	1.00	.49	.57
180°	30	26	1.40	.40	.46
	35	27	1.50	.40	.46
	40	27	1.60	.42	.49
	45	29	1.70	.39	.45
	50	30	1.80	.39	.44
270°	30	26	2.45	.47	.54
	35	27	2.55	.45	.52
	40	28	2.75	.45	.52
	45	28	2.90	.47	.55
	50	27	3.10	.55	.63

Performance Data

RN300-FIX360 (light grey)

ARC DEGREE	PRESSURE PSI	RADIUS Feet	FLOW GPM	PRECIP in/hr ↔ ▲	
360°	30	26	3.10	.44	.51
	35	27	3.20	.42	.49
	40	28	3.50	.43	.50
	45	28	3.55	.44	.50
	50	30	3.70	.40	.46

Performance Data, Metric

RN100-ADJ-90-270 (medium green)

ARC DEGREE	PRESSURE Bar	RADIUS Meters	FLOW L/M	PRECIP mm/hr ↔ ▲	
90°	2,1	3,97	0,83	13	15
	2,4	4,27	0,91	12	14
	2,8	4,27	0,95	12	14
	3,1	4,58	1,06	12	14
	3,5	4,58	1,14	13	15
180°	2,1	3,97	1,67	13	15
	2,4	4,27	1,78	12	13
	2,8	4,27	1,89	12	14
	3,1	4,58	2,20	13	15
	3,5	4,58	2,27	13	15
270°	2,1	3,97	2,50	13	15
	2,4	4,27	2,69	12	14
	2,8	4,27	2,84	12	14
	3,1	4,58	3,33	13	15
	3,5	4,58	3,41	13	15

Performance Data, Metric

RN100-FIX360 (light green)

ARC DEGREE	PRESSURE Bar	RADIUS Meters	FLOW L/M	PRECIP mm/hr ↔ ▲	
360°	2,1	3,97	3,33	13	15
	2,4	4,27	3,56	12	14
	2,8	4,27	3,79	12	14
	3,1	4,58	4,35	12	14
	3,5	4,58	4,54	13	15

Performance Data, Metric

RN200-ADJ-90-270 (medium blue)

ARC DEGREE	PRESSURE Bar	RADIUS Meters	FLOW L/M	PRECIP mm/hr ↔ ▲	
90°	2,1	4,88	1,29	13	15
	2,4	5,19	1,44	13	15
	2,8	5,49	1,55	12	14
	3,1	5,80	1,59	11	13
	3,5	5,80	1,78	13	15
180°	2,1	4,88	2,54	13	15
	2,4	5,19	2,84	13	15
	2,8	5,49	3,14	12	14
	3,1	5,80	3,18	11	13
	3,5	5,80	3,56	13	15
270°	2,1	4,88	3,82	13	15
	2,4	5,19	4,28	13	15
	2,8	5,49	4,69	12	14
	3,1	5,49	4,77	13	15
	3,5	5,80	5,34	13	15

Performance Data, Metric

RN200-FIX360 (light blue)

ARC DEGREE	PRESSURE Bar	RADIUS Meters	FLOW L/M	PRECIP mm/hr ↔ ▲	
360°	2,1	4,88	5,07	13	15
	2,4	5,19	5,68	13	15
	2,8	5,49	6,25	12	14
	3,1	5,80	6,36	11	13
	3,5	5,80	7,12	13	15

Performance Data, Metric

RN300-ADJ-90-270 (medium grey)

ARC DEGREE	PRESSURE Bar	RADIUS Meters	FLOW L/M	PRECIP mm/hr ↔ ▲	
90°	2,1	7,93	3,03	12	13
	2,4	7,93	3,22	12	14
	2,8	8,24	3,41	12	14
	3,1	8,54	3,60	12	14
	3,5	8,54	3,79	12	14
180°	2,1	7,93	5,30	10	12
	2,4	8,24	5,68	10	12
	2,8	8,24	6,06	11	12
	3,1	8,85	6,44	10	11
	3,5	9,15	6,81	10	11
270°	2,1	7,93	9,27	13	14
	2,4	8,24	9,65	12	13
	2,8	8,54	10,41	12	13
	3,1	8,54	10,98	13	14
	3,5	8,24	11,73	13	16

Performance Data, Metric

RN300-FIX360 (light grey)




ARC DEGREE	PRESSURE Bar	RADIUS Meters	FLOW L/M	PRECIP mm/hr ↔ ▲	
360°	2,1	7,93	11,73	11	13
	2,4	8,24	12,11	11	12
	2,8	8,54	13,25	11	13
	3,1	8,54	13,44	11	13
	3,5	9,15	14,01	10	12



*Data represents test results in zero wind. Adjust for local conditions.

Performance Data




Special Patterns

PATTERN	NOZZLE	PRESSURE PSI	W X L Feet	FLOW GPM
Right End Strip		RNS-RES-515	4 x 15	.30
		Burnt Orange	5 x 15	.32
			5 x 15	.35
			6 x 16	.38
			6 x 16	.40
Left End Strip		RNS-LES-515	4 x 15	.30
		Olive	5 x 15	.32
			5 x 15	.35
			6 x 15	.38
			6 x 16	.40
Side Strip		RNS-SS-530	4 x 29	.50
		Brown	5 x 30	.55
			5 x 30	.60
			6 x 31	.65
			7 x 32	.70

*Data represents test results in zero wind. Adjust for local conditions.

Performance Data, Metric

Special Patterns

PATTERN	NOZZLE	PRESSURE Bar	W X L Meters	FLOW L/M
Right End Strip		RNS-RES-515	1,22 x 4,6	1,14
		Burnt Orange	1,5 x 4,6	1,21
			1,5 x 4,6	1,32
			1,8 x 4,9	1,43
			1,8 x 4,9	1,51
Left End Strip		RNS-LES-515	1,22 x 4,6	1,14
		Olive	1,5 x 4,6	1,21
			1,5 x 4,6	1,32
			1,8 x 4,6	1,43
			1,8 x 4,9	1,51
Side Strip		RNS-SS-530	1,22 x 8,8	1,80
		Brown	1,5 x 9,1	2,08
			1,5 x 9,1	2,30
			1,8 x 9,4	2,46
			2,1 x 9,7	2,64

Models

RN100 ADJ-90-270	Adjustable 90° - 270° 13' - 15' (Medium Green)
RN100 FIX 360	Fixed Pattern 360° 13' - 15' (Light Green)
RN200 ADJ-90-270	Adjustable 90° - 270° 16' - 19' (Medium Blue)
RN200 FIX 360	Fixed Pattern 360° 16' - 19' (Light Blue)
RN300 ADJ-90-270	Adjustable 90° - 270° 26' - 30' (Medium Grey)
RN300 FIX 360	Fixed Pattern 360° 26' - 30' (Light Grey)
RNS-RES-515	Right End Strip (Burnt Orange)
RNS-LES-515	Left End Strip (Olive)
RNS-SS-530	Side Strip (Brown)

Compatibility: K-Rain's Rotary Nozzles are female threaded and are compatible with all male threaded spray bodies including the Pro-S and NP spray lines.

Nozzle Guard: In addition, we offer a Nozzle Guard for the Pro-S series of sprays which provides additional protection for the rotary nozzle.



K-Rain Manufacturing Corp.
1640 Australian Avenue
Riviera Beach, FL 33404 USA
561.844.1002
FAX: 561.842.9493
1.800.735.7246 | www.krain.com

