



# K-RAIN RPS75™

## FEATURES/BENEFITS

- **Direct Replacement for Hunter® PGP®.**
- **Right Position Start-** Rotor rotates counterclockwise from fixed right start position.
- **Riser Fits in Existing Hunter® PGP® Cans-** simply unscrew the existing riser from the PGP® can and replace with the RPS75™ riser.
- **Top Adjustment-** no training necessary, the RPS75™ has the same adjustment procedure as the Hunter PGP®.
- **Full and Part Circle Rotation-** provides a full range of adjustment from 40° to 360°.
- **Non-Flushing Wiper Seal-** reduces leaks caused by debris trapped under seal.
- **3/4" Inlet-** Replaces all standard rotors.
- **Ideal for Low Flow Applications.**
- **Universal Adjustment Tool-** compatible with existing Hunter® products.
- **Rubber Cover-** Seals out dirt and increases product durability.
- **Wide Selection of Nozzles-** Including standard and low angle, provides flexibility in system design.

**K**  
**RAIN**®

IRRIGATION SOLUTIONS WORLDWIDE™

## K-RAIN RPS75™ MODEL RPS75: GEAR DRIVEN SPRINKLER

The RPS75™ gear drive is designed for basic residential and light commercial applications and is a direct replacement for Hunter® PGP® rotors. The reversing mechanism, a K-Rain patented feature, is the same mechanism used in the Hunter® PGP® (K-Rain currently licenses this patent to Hunter® - U.S. Patent No. 5,417,370 Carl L.C. Kah Jr.). With K-Rain's wide selection of standard and low angle nozzles, the RPS75 provides even water distribution.

### MODELS

RPS75 RPS75 Standard

### EASY ARC SETTING

Arc Selection 40° to 360°



Adjust From  
Right Start

### SPECIFICATIONS

- Inlet: 3/4" Female Threaded NPT
- Arc Adjustment Range: 40° to 360°
- Flow Range: .5 – 14.1 GPM
- Pressure Rating: 30 – 70 PSI
- Precipitation Rate: .12 to 1.16 Inches Per Hour
- Overall Height (Popped Down): 7 3/8"
- Recommended Spacing: 25' to 45'
- Radius: 22' to 52'
- Nozzle Trajectory: 25°
- Low Angle Nozzle Trajectory: 11°
- 8 Standard and 4 Low Angle Nozzles Included
- Riser Height: 4"

## RPS75 PERFORMANCE DATA

PERFORMANCE			
Nozzle	Pressure PSI	Radius Ft.	Flow GPM
#3 Pre-Installed	30	36'	2.0
	40	38'	2.4
	50	40'	2.7
	60	40'	2.9
#0.5	30	28'	.5
	40	29'	.6
	50	29'	.7
	60	30'	.8
#0.75	30	29'	.7
	40	30'	.8
	50	30'	.9
	60	31'	1.0
#1	30	30'	0.9
	40	31'	1.0
	50	31'	1.2
	60	32'	1.3
#2	30	32'	1.2
	40	33'	1.4
	50	34'	1.6
	60	34'	1.8
#4	30	36'	2.6
	40	40'	3.0
	50	42'	3.4
	60	42'	3.7
#6	30	38'	4.2
	40	43'	4.9
	50	46'	5.5
	60	47'	6.0
#8	40	45'	6.0
	50	48'	6.8
	60	49'	7.6
	70	51'	8.2

METRIC					
Nozzle	Pressure kPa	Pressure Bars	Radius Meters	Flow Rate L/M	Flow Rate M <sup>3</sup> /H
#3 Pre-Installed	206	2.1	11.0	7.6	.45
	275	2.8	11.6	9.1	.55
	344	3.4	12.2	10.2	.61
	413	4.1	12.2	11.0	.66
#0.5	206	2.1	8.5	1.9	.11
	275	2.8	8.8	2.3	.14
	344	3.4	8.8	2.7	.16
	413	4.1	9.1	3.0	.18
#0.75	206	2.1	8.8	2.6	.16
	275	2.8	9.1	3.0	.18
	344	3.4	9.1	3.4	.20
	413	4.1	9.4	3.8	.23
#1	206	2.1	9.1	3.4	.20
	275	2.8	9.4	3.8	.23
	344	3.4	9.4	4.5	.27
	413	4.1	9.8	4.9	.30
#2	206	2.1	9.8	4.5	.27
	275	2.8	10.1	5.3	.32
	344	3.4	10.4	6.1	.36
	413	4.1	10.4	6.8	.41
#4	206	2.1	11.0	9.8	.59
	275	2.8	12.2	11.4	.68
	344	3.4	12.8	12.9	.77
	413	4.1	12.8	14.0	.84
#6	206	2.1	11.6	15.9	.91
	275	2.8	13.1	18.5	1.11
	344	3.4	14.0	20.8	1.25
	413	4.1	14.3	22.7	1.36
#8	275	2.8	13.7	22.7	1.36
	344	3.4	14.6	25.7	1.54
	413	4.1	14.9	28.8	1.73
	482	4.8	15.5	31.0	1.86

LOW ANGLE DATA			
Nozzle	Pressure PSI	Radius Ft.	Flow GPM
#1	30	22'	1.2
	40	24'	1.7
	50	26'	1.8
	60	28'	2.0
#3	30	29'	3.0
	40	32'	3.1
	50	35'	3.5
	60	37'	3.8
#4	30	31'	3.4
	40	34'	3.9
	50	37'	4.4
	60	38'	4.7
#6	40	38'	6.5
	50	40'	7.3
	60	42'	8.0
	70	44'	8.6

METRIC					
Nozzle	Pressure kPa	Pressure Bars	Radius Meters	Flow Rate L/M	Flow Rate M <sup>3</sup> /H
#1	207	2.0	6.7	4.5	.34
	275	3.0	7.3	6.4	.39
	344	3.5	7.9	6.8	.41
	413	4.0	8.5	7.6	.46
#3	207	2.0	8.8	11.4	.68
	275	3.0	9.8	11.7	.71
	344	3.5	10.7	13.2	.80
	413	4.0	11.3	14.4	.87
#4	207	2.0	9.4	12.9	.78
	275	3.0	10.4	14.8	.89
	344	3.5	11.3	16.7	1.00
	413	4.0	11.6	17.8	1.07
#6	275	3.0	11.6	24.6	1.68
	344	3.5	12.2	27.6	1.66
	413	4.0	12.8	30.3	1.82
	482	5.0	13.4	32.6	1.96

### HOW TO SPECIFY

**RPS75**  
|  
Model



IRRIGATION SOLUTIONS WORLDWIDE™

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Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.