

# RPS 75™ ROTOR SERIES



The RPS 75® Series of rotors are designed to fulfill a multitude of residential and commercial applications.

■ **Choose from these models:**

RPS 75	40° - 360°, 4" riser
RPS 75-SH	40° - 360°, 4" riser, shrub head
RPS 75-SS	40° - 360°, 4" riser, stainless steel
RPS 75-360°	Continuous 360°, 4" riser
RPS 75-360°-SH	Continuous 360°, 4" riser, shrub head
RPS 75-6INCH	40° - 360°, 6" riser

- **Customizable** – add your company name, logo, phone number or website to the head art!
- **Top adjustment** – no training necessary.
- **Non-flushing wiper seal** – reduces leaks caused by debris trapped under seal.
- **3/4" Inlet** – replaces all standard rotors.
- **Ideal for low flow applications.**
- **Rubber cover** – Seals out dirt and increases product durability.
- **Right position start**
- **Wide selection of nozzles** – Including standard and low angle, provides flexibility in system design.
- **Direct replacement for Hunter® PGP®.**



**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**

## RPS® 75 Rotor Series

The reliable and durable design of the RPS® 75 has unequalled value in the market today. Building on a reputation of trouble-free performance year after year, K-Rain has introduced the Continuous 360° and the 6-INCH models to satisfy specific irrigation requirements.

The Continuous 360° is the perfect fit for a central location in an RPS® 75 based irrigation system. With rotors that are not continuous 360°, there is a portion of the pattern which receives too much water distribution, resulting in uneven coverage and damaging the health of the lawn. The RPS® 75-360° solves this problem.

The RPS® 75-6INCH rotor solves the problem of deep thatch, often occurring in St. Augustine and other types of turf grass. The 6" pop-up exceeds the height of the grass and the spray is not inhibited, resulting in even water distribution.

## Customization

Easily customize any of the RPS® 75 rotors and promote your business! Customization also helps to prevent vandalism at institutions and municipalities. Contact your K-Rain authorized distributor or visit [www.krain.com/custom-rotor-program](http://www.krain.com/custom-rotor-program) for all of the details.



## Specifications

- Inlet: 3/4" Threaded NPT
- Arc Adjustment Range: Continuous 360°
- Flow Range: .75 – 8.3 GPM
- Pressure Rating: 30 – 70 PSI
- Precipitation Rate: .16 – .99 in. per hr.
- Overall Height (Popped Down): 7 3/8"
- Recommended Spacing: 25' – 45'
- Radius: 22' – 51'
- Nozzle Trajectory: 25°
- Low Angle Nozzle Trajectory: 11°
- 8 Standard & 4 Low Angle Nozzles Included
- Riser Height:
  - RPS 75: 4"
  - RPS 75-360°: 4"
  - RPS 75-6INCH: 6"

## Performance Data

NOZZLE	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr mm/hr			
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M <sup>3</sup> /H	■	▲	■	▲
#0.75	30	206	2.1	29	8.8	0.7	2.6	0.16	0.16	0.19	4	5
	40	275	2.8	30	9.1	0.8	3.0	0.18	0.17	0.20	4	5
	50	344	3.4	30	9.1	0.9	3.4	0.20	0.19	0.22	5	6
	60	413	4.1	31	9.4	1.0	3.8	0.23	0.20	0.23	5	6
#1.0	30	206	2.1	30	9.1	0.9	3.4	0.20	0.19	0.22	5	6
	40	275	2.8	31	9.4	1.0	3.8	0.23	0.20	0.23	5	6
	50	344	3.4	31	9.4	1.2	4.5	0.27	0.24	0.28	6	7
	60	413	4.1	32	9.8	1.3	4.9	0.30	0.24	0.28	6	7
#1.5	30	206	2.1	32	9.8	1.2	4.5	0.27	0.23	0.26	5	6
	40	275	2.8	33	10.1	1.4	5.3	0.32	0.25	0.29	6	7
	50	344	3.4	34	10.4	1.6	6.1	0.36	0.27	0.31	7	8
	60	413	4.1	34	10.4	1.8	6.8	0.41	0.30	0.35	7	9
#2.0	30	206	2.1	34	10.4	1.6	6.1	0.36	0.27	0.31	7	8
	40	275	2.8	36	11.0	1.8	6.8	0.41	0.27	0.31	7	8
	50	344	3.4	38	11.6	2.0	7.6	0.45	0.27	0.31	7	8
	60	413	4.1	38	11.6	2.2	8.3	0.50	0.29	0.34	7	9
#3.0	30	206	2.1	36	11.0	2.0	7.6	0.45	0.30	0.34	7	9
	40	275	2.8	38	11.6	2.4	9.1	0.55	0.32	0.37	8	9
	50	344	3.4	40	12.2	2.7	10.2	0.61	0.32	0.38	8	10
	60	413	4.1	40	12.2	2.9	11.0	0.66	0.35	0.40	9	10
#4.0	30	206	2.1	36	11.0	2.6	9.8	0.59	0.39	0.45	10	11
	40	275	2.8	40	12.2	3.0	11.4	0.68	0.36	0.42	9	11
	50	344	3.4	42	12.8	3.4	12.9	0.77	0.37	0.43	9	11
	60	413	4.1	42	12.8	3.7	14.0	0.84	0.40	0.47	9	12
#6.0	40	275	2.8	38	11.6	4.2	15.9	0.91	0.56	0.65	14	16
	50	344	3.4	43	13.1	4.9	18.5	1.11	0.51	0.59	13	15
	60	413	4.1	46	14.0	5.5	20.8	1.25	0.50	0.58	13	15
	70	482	4.8	47	14.3	6.0	22.7	1.36	0.52	0.60	13	15
#8.0	40	275	2.8	45	13.7	6.0	22.7	1.36	0.57	0.66	14	17
	50	344	3.4	48	14.6	6.8	25.7	1.54	0.57	0.66	14	17
	60	413	4.1	49	14.9	7.6	28.8	1.73	0.61	0.70	15	18
	70	482	4.8	51	15.5	8.2	31.0	1.86	0.61	0.70	15	18

## Low Angle Performance Data

NOZZLE	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr mm/hr			
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M <sup>3</sup> /H	■	▲	■	▲
#1.0	30	207	2.0	22	6.7	1.2	4.5	.34	0.48	0.55	12	14
	40	275	3.0	24	7.3	1.7	6.4	.39	0.57	0.66	14	17
	50	344	3.5	26	7.9	1.8	6.8	.41	0.51	0.59	13	15
	60	413	4.0	28	8.5	2.0	7.6	.46	0.49	0.57	13	14
#3.0	30	207	2.0	29	8.8	3.0	11.4	.68	0.69	0.79	18	20
	40	275	3.0	32	9.8	3.1	11.7	.71	0.58	0.67	15	17
	50	344	3.5	35	10.7	3.5	13.2	.80	0.55	0.64	14	16
	60	413	4.0	37	11.3	3.8	14.4	.87	0.53	0.62	13	16
#4.0	30	207	2.0	31	9.4	3.4	12.9	.78	0.68	0.79	17	20
	40	275	3.0	34	10.4	3.9	14.8	.89	0.65	0.75	16	19
	50	344	3.5	37	11.3	4.4	16.7	1.00	0.62	0.71	16	18
	60	413	4.0	38	11.6	4.7	17.8	1.07	0.63	0.72	16	18
#6.0	40	275	3.0	38	11.6	6.5	24.6	1.68	0.87	1.00	22	25
	50	344	3.5	40	12.2	7.3	27.6	1.66	0.88	1.01	22	25
	60	413	4.0	42	12.8	8.0	30.3	1.82	0.87	1.01	22	26
	70	482	5.0	44	13.4	8.3	32.6	1.96	0.86	0.99	22	25

\*All precipitation rates calculated for 180° operation. For the precipitation rate for a 360° sprinkler, divide by 2.

## Models

- RPS 75** 40° - 360°, 4" riser
- RPS 75-SH** 40° - 360°, 4" riser, shrub head
- RPS 75-SS** 40° - 360°, 4" riser, stainless steel
- RPS 75-360°** Continuous 360°, 4" riser
- RPS 75-360°-SH** Continuous 360°, 4" riser, shrub head
- RPS 75-6INCH** 40° - 360°, 6" riser

### OTHER OPTIONS ADD TO PART NUMBER:

- CV** Check Valve
- NN** No Nozzle
- RCW** Reclaimed Water Use

Example: RPS 75-360-RCW