

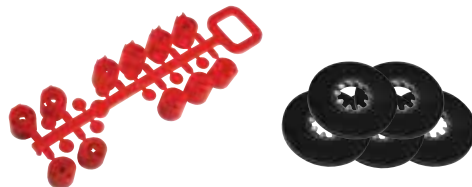
RPS 75™ ROTOR SERIES



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

Features

- **Right Position Start** – Rotor rotates counterclockwise from fixed right start position.
- **Includes 5 Free Check Valve Assemblies Per Box.**
- **Top Adjustment** – Adjusts from right start.
- **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" (1,9 cm) Inlet** – Replaces all standard rotors.
- **Ideal for Low Flow Applications.**
- **Rubber Cover** – Seals out dirt and increases durability.
- **Wide Selection of Nozzles** – Including standard and low angle, provides flexibility in system design.
- **Universal Riser Assembly** – Fits into existing Hunter® PGP® and PGP® Ultra cans



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RPS® 75 Rotor Series

The reliable and durable design of the RPS® 75 has unequalled value in the market today.

The Continuous 360° is the perfect fit for a central location in an RPS® 75 based irrigation system.

The RPS® 75-6INCH rotor solves the problem of deep thatch.

Customization

Easily customize any of the RPS® 75 rotors to promote your business. Visit www.krain.com/custom-rotor-program for all of the details.



Specifications

- Inlet: 3/4" (1,9 cm) Threaded NPT
- Arc Adjustment Range: 40° – 360°
- Flow Range: .7 – 8.3 GPM
- Pressure Rating: 20 – 70 PSI
- Precipitation Rate: .16 – .88 in/hr (Depending on spacing and nozzle used)
- Retracted Height: 4 in: 7 3/8", 6 in: 9 1/2"
- Riser Height: 4 in: 4 3/8", 6 in: 6 3/8"
- Shrub Height: 7 1/2"
- Recommended Spacing: 25' – 45'
- Radius: 22' – 51'
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 11°
- 8 Standard and 4 Low Angle Nozzles Included

Models

RPS75	RPS™ 75 Rotor
RPS75-360°	RPS™ 75 Rotor, 360°
RPS75-SH	RPS™ 75 Rotor, Shrub
RPS75-360°-SH	RPS™ 75 Rotor, 360°, Shrub
RPS75-6INCH	6" (15,2 cm) RPS™ 75 Rotor

Performance Data

NOZZLE	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr mm/hr			
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M³/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	7
	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	8	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 Pre-installed	30	206	2,1	36	11,0	2.0	7,6	0,45	0.30	0.34	8	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	10	12
#6.0	40	275	2,8	38	11,6	4.2	15,9	0,91	0.56	0.65	14	17
	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	M³/H	■	▲	■	▲
#1.0	30	207	2,1	22	6,7	1.2	4,5	0,34	0.48	0.55	12	14
	40	275	2,8	24	7,3	1.7	6,4	0,39	0.57	0.66	14	17
	50	344	3,4	26	7,9	1.8	6,8	0,41	0.51	0.59	13	15
	60	413	4,1	28	8,5	2.0	7,6	0,46	0.49	0.57	12	14
#3.0	30	207	2,1	29	8,8	3.0	11,4	0,68	0.69	0.79	18	20
	40	275	2,8	32	9,8	3.1	11,7	0,71	0.58	0.67	15	17
	50	344	3,4	35	10,7	3.5	13,2	0,80	0.55	0.64	14	16
	60	413	4,1	37	11,3	3.8	14,4	0,87	0.53	0.62	13	16
#4.0	30	207	2,1	31	9,4	3.4	12,9	0,78	0.68	0.79	17	20
	40	275	2,8	34	10,4	3.9	14,8	0,89	0.65	0.75	17	19
	50	344	3,4	37	11,3	4.4	16,7	1,00	0.62	0.71	16	18
	60	413	4,1	38	11,6	4.7	17,8	1,07	0.63	0.72	16	18
#6.0	40	275	2,8	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	26
	60	413	4,1	42	12,8	8.0	30,3	1,82	0.87	1.01	22	26
	70	482	4,8	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.

How to Specify with Options

MODEL	OPTION
RPS75	-SS Stainless Steel
RPS75-360°	-CV Check valve
RPS75-SH	-NN No nozzle
RPS75-360°-SH	-RCW Reclaimed water use
RPS75-6INCH	-PR Pressure Regulation (6" only)

Examples: RPS75-SS, RPS75-360°-RCW-CV

